

# SEQUENCE LISTING

<110> Williams, Lewis T.  
Escobedo, Jaime  
Innis, Michael A.  
Garcia, Pablo Dominiguez  
Sudduth-Klinger, Julie  
Reinhard, Christoph  
Giese, Klause  
Randazzo, Filippo  
Kennedy, Giulia C.  
Pot, David  
Kassan, Altaf  
Lamson, George  
Drmanac, Radoje  
Crkvenjakov, Radomir  
Dickson, Mark  
Drmanac, Snezana  
Labat, Ivan  
Leshkowitz, Dena  
Kita, David  
Garcia, Veronica  
Jones, William Lee  
Stache-Crain, Birjit

1-1000

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<120> Novel Human Genes and Gene Expression  
Products II

<130> 2300-1481

<140> 09/297,648

<141> 2000-03-10

<150> 60/072,910

<151> 1998-01-28

<150> 60/075,954

<151> 1998-02-24

<150> 60/080,666

<151> 1998-04-03

<150> 60/080,515

<151> 1998-04-03

<150> 60/080,114

<151> 1998-03-31

<150> 60/105,234

<151> 1998-10-21

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 agngnancaa acangngcac nnnngngaata actanannna annccnaaan gatgcacnac 120  
 aanacccatn tnnatnatngc cntnncatnn annntanatt ttncanantt ctnanaatcn 180  
 naccttcennn cnnnnntccn ctntntntnt cacncctttn cnnnttnnca ntatnnactn 240  
 anancntctn nanncaanan tnnntctatn tac 273

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 aacctcaggg ctgtcagagc agattgatgg gagcgctttg tcctgctttt ccacacacca 120  
 gaacaattcc ttgtcgaatg tatttgacaga tcaacctaat aaaagtgatg caaccaatta 180  
 tgctagccac tctcctcctg taaacagggc cttaacgccg gctgctactc taagtgtgtg 240  
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 ctctgtcgcc aggctgaggc gggagaatca cttgaacctg ggaggtggag gttgcgctga 120  
 gctgagatca ttacactgca ctccagcctg ggcaacagag tgagactatg tctcaaaaaa 180  
 aaaaaaaaaa aaaaaaaaaann nnnnnnnnttn aaanntntng ggggnctnnt nncnnaaanc 240  
 caancttnan aaaanccttn gnnnatttgg nnaaaccccc anttaaangg cggg 294

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 <212> DNA  
 <213> Homo sapiens

<220>  
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angnntnaan ttcngtncct tttgaaccn gatntnntcn naaaattnc cttncctanc 180  
aggangnttt tgggnttgna tttgnntann ccngntcntc tttctggttt tgctgaaca 240  
ccaagtagct tcataatcaa aggtcattt tctggtttgt atcagaccgt atttataaag 300

<210> 5  
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<212> DNA  
<213> Homo sapiens

<220>  
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<222> (1)...(285)  
<223> n = A,T,C or G

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caattagntt annntcgncc cntgcnnctc canctngggn naccatata ggaacatgtt 60  
aaaaaaaaa gccaggccga gcgtgttggc tcacgcttgt aatcccagca ctttgggagg 120  
ccgaggcggg tggatcacga ggtcaggaga tcgagttcca tcctggctaa cacagtgaag 180  
cgtgttttta ctaaaagtac aaaaaactag ctgggcgtgg tggcaggagc ctgtagtccc 240  
agctactcgg gaggtctagg caggagaatt gcttgaaccg gggag 285

<210> 6  
<211> 131  
<212> DNA  
<213> Homo sapiens

<400> 6  
gctactcggg aggtctaggc aggagaatcg cttgaacctt ggaggcatag gttgcagtga 60  
gctgagattg caccactgca cccagcctg ggcaataaga gtgaaactcc atctcaaaaa 120  
aaaaaaaaa a 131

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<213> Homo sapiens

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natttttaggn cnaaaaaatt tnanatttnn tnggnantna agggaaangg gnnttttgnt 120  
angntgctn ancnnacnng nangttcnaa aaacccngt ttnaaacnng gccncaggnt 180  
ttnnnnnnnn acagatatct tggttccaga tgtcttgtaa gttaacctgc ctccatttcc 240  
ctttctgtaa agcaaaataa tgtttacacc taatctgtct ctcaggg 287

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<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

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 gagtgtgtg accgctgctt tctcatgct ccccgaaagc ttttctgaag aagacctctt 120  
 catagagatt gccggtctct cctattcagg tgactttcgg atggtggnnn nnnnnnatga 180  
 atcctacntg agctatgttc nngcccggaa nataacgaac ttgattggng etncttnncc 240  
 cacngctctt ggagattccn gacttnnnnt atatgacnct nnagcactgg catnaacttg 300

<210> 9  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 9  
 gtgcaccctt ttgtattaaa cactgcaagg gtgatgcagg ggagcaggaa agccatccta 60  
 aactcactac tgagtacgat tcagtatgtt cctgtggatg tctgctgtga ctaatatataa 120  
 tttcttgcag aatcagctac acttaattat gttgctgata gacaagcatc cacgcttcag 180  
 ctggcactaa gtgttttcat tgtaggatca gcagcagggt aaagactgaa cggtttagtga 240  
 agacaaatgt ctttaagaggc tgcgatgtct aggttgggct tgtgacttct tagtggccta 300

<210> 10  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 10  
 gccatgtgag gacatagggg gaaagcagcc accattggca agccaagaga gagccctcac 60  
 caggaacgat tggaccagca cttgatctt ggattttcta gcctccagaa cttacagtac 120  
 ggggtggctgt nnnnnnnnnn ngnttctgac naggtgnnac actnnnnctt ccgtgntctn 180  
 tnactgnnt cnntcngctg cngntctgg acntccagag gttcnatgag cnatcaggac 240  
 nnnntgctat ancccttgct cacgatgagn actntgactt tgtgngatgn ccgact 296

<210> 11  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 11  
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 taatcccagc tactcgggag gctgaggtag gagaatcgct tgaatccggg agctggaggt 120  
 tgacttgagc caagatcgca ccattgcact ccagcctggg caacaagagc gaaactccat 180  
 ctcaaaaaaa aaaannnnnn nnnnnnnggg atgatnancn tgganctggn tntttttaa 240  
 cgtngtnttt ngangcttna aactntnaan gctttnatat aangntntca nctgtatgtt 300

<210> 12  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 12  
 aaggagtcac ccctgggtca cccaagctga gacatcagtt ggtggttggt cagaacttgt 60  
 gcccaaatat gctgagtcag cggctctgcc cgggcccaaa tgctgagtcac gcacctctgc 120  
 ccgggcagtc tgcaggctgg ccctaccttt gctttctgcc tgtggttcct atcagggcac 180  
 gcacttcagt tctgttgggc agggagacgt gcatcagact ctctccaggg catatgtgct 240  
 gtcttgcgct tgcgcgtggc ctcccaaacc cctagggata cctggggcca gctgggcagt 300

<210> 13  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 13  
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 cgtccctac ctctcccccac gtggaggggtg gagcagttat gagggaggaa gtcaactgct 120  
 gttcagcctc agaataaagg tgccgttcac tggctcagtt acctcctgtg taccggcatc 180  
 ttgtgttggg aatgttcccc cctccctagg gaccaaggac caccctaca aaaagagtaa 240  
 tggttggtg atactccctc aagccaaaga ggagctcccc aacctgttct agggaccag 300

<210> 14  
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 <212> DNA  
 <213> Homo sapiens

<400> 14  
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 caggggtcaa ggctcctgc caggtgactg ctatcccgtc cacaccgctt cattgatgag 120  
 gacaggagac tccaagcgct agtattgcac gctgcaacta atggactgga ctcttgccat 180  
 ggcccaggag tcaggtgttt ggagcgaggc agggcagttg gcactccact cctatttgga 240  
 gggacttcat acccttgctt cttgtgcccc agcaccttct ctctctgccc cccgcctaaa 300

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 <211> 126  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(126)  
 <223> n = A,T,C or G

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 gcaaaanccg cagactggan aaangtgtca aaacttttnt aaacctctct gggctctnana 120  
 cattnt 126

<210> 16  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 16

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agttaggagg	tctccctttg	taacatt	ttccgctttt	ttagaatgag	atgagaa	120
cgacctccag	ttcacatgta	cggtgctgt	gaggatccag	taggggagat	acagtgtca	180
gcaccaagca	ggtgcaagt	agcacaatcc	aattttacat	caggttaccc	ctccaggaca	240
gttgctttga	cgtggaaggt	agagagggag	ttgaaaggag	ggtttgcatg	gttggcagag	300

<210> 17  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(281)  
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aagatatggc	anctgntnag	ccctttaagg	ncccttnagc	cncnggctac	ccgtttacct	120
cagatnangt	ttantaangn	gtaagtttta	atcnggaagg	ggggangngg	tgtnngnagc	180
tccagtaatn	ttnttantna	anaatacccn	tcctcttgna	ggctcccnag	tntcccagcc	240
ccatnnanaa	ngntnngnaa	gnnncagacc	atgtacagcc	n		281

<210> 18  
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 <212> DNA  
 <213> Homo sapiens

<400> 18						
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ccccagaaag	cagagagttg	aagatgaaat	cagaacctga	gtctggtttt	cctgacatcc	120
ggcaggttca	accctcagac	cacagcttat	tagctatgag	cgcagatggt	tctagcgttt	180
atcctccctg	ctcctgtgta	aatcagggct	gatggggcga	cagggtggga	aactcacctg	240
ggagaacagg	gctctacttc	cttaggcaag	tccttgata	agcaagcctg	gtcctgtcct	300

<210> 19  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 19						
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ttatgttgac	ataggaaatg	gagattagga	caacatttag	ttcagcgact	gacttcatga	120
cctacacatc	ccgcatggag	atgacttaga	agcaggggat	atgcccttgg	acctggtgtc	180
aaagctctcg	tttaaacagc	ctcgtgcagt	gtgtcgctac	cacagagctc	ctgtttaaac	240
agcctcgcac	ggcgtgtcgc	tgccacacct	gacactattg	tattagttaa	cgttgctgag	300

<210> 20  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 20						
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ctccagactg	cgcaagcgca	aaggatacga	aaacgcccc	ggcgttctgg	gggctgggac	120
cgaggaaagc	gctgagtata	gctcttgccg	gtccagtcac	aaatgacgtc	ccttctgtac	180
cccgcctgtg	aggcgggagc	atccaatcaa	cttcgagagc	gtaggcccc	cctatcgtgg	240

gtcagattgc ttggcggtcg tccgga ggttctcgg gatgtcgggtg gtcgtac 300

<210> 21

<211> 300

<212> DNA

<213> Homo sapiens

<400> 21

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ctgttctact	ttgggtccgc	gcgaagccca	ctcacgtgtg	atctgtgttg	cccctgggag	120
gcccggggcg	accggaaaag	ggctctctca	agttctgaaa	agagaatctg	ccaccagatc	180
gaatttcgac	ccctgagctt	gttcggacgt	atggtccaaa	ttcagattaa	ggtggtcacc	240
caacccgaga	tgtcaggaaa	ggccttctgc	agagaaaatg	tccccccacc	cgccatctgc	300

<210> 22

<211> 300

<212> DNA

<213> Homo sapiens

<400> 22

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ctaatacattt	ctagctggct	ggcctcctca	gagcatagga	aacctgaggt	caggaattcg	120
agaccagcct	ggccaacatg	gtaaaacccc	atctctacta	aaaatataaa	aattagccag	180
gcatgggtggc	gcacacctgt	aatcccagct	aatcaagagg	ctgaggcagg	agaattgctt	240
aaatctggga	ggcggaagtt	gcagtgagcc	aagatcgcg	cactgaactc	cagcctaggc	300

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 23

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ggacaacttt	aaagagatat	tgaatgaagc	tatgatacct	gtagcagtta	ctgccatttt	120
ggaccataa	actgacaatc	cttaaacatt	accaggaggg	cagagcggaa	agaacattga	180
tgatcatcact	gagttgctgg	attaccttac	tctagaaata	gccaaactctg	catgtttggt	240
tatttttttta	aaaagtcttc	tttattattt	acatcatttt	gaatgggctc	taactctagc	300

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<211> 300

<212> DNA

<213> Homo sapiens

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<223> n = A,T,C or G

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tatcagactc	ccttcaactg	ctcccaaaaa	ctccagggcc	atgtttctgg	aacagtggaa	120
agcagggaaa	tagaaatggg	gcctcaggaa	ttagaaataa	ggctttggca	ttcaaagtgc	180
gcacctagca	tgctgtgact	agcgataagt	gtgcaaggag	tggtgaagca	gtaggaagac	240
ttgtgggtgag	gcggggcagg	ggaatnnnnn	nnnnnnnnnn	ncagagacca	nnggccttcc	300

<210> 25

<211> 281

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(281)  
<223> n = A,T,C or G

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gggtgtaggga gaggggaaggg agggnnnnnn nnnnnnggcn tacnttttcc tacatttcac 120  
tntccctttt ncctatctaa gcngtntctat ctngtcaatn cacttntcnn tnnmttaacn 180  
ccnttcennn ncanctttcc cttnttcctn cctntatact nttgctntga nntgctgncc 240  
anatntgttt cccttcctcc atcctnncat accccttact t 281

<210> 26  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 26  
cgaggcagtt agctagttgt ctgtgaaata aaataactaat gattgaactt tctaggaagt 60  
acctattctg ctaatagtgt aaatatacac ttatccaggg tcagaaatac tcaagtttac 120  
ccacttaaaa gatctagaaa atacatgaac ttgggcttac ttgccagtta aaattgttta 180  
tctcagaatt gtaccatcac ctttaattaaa gtagatatgc taggattatc ctgataacta 240  
attaacatag cctttcccct tagtggttctt cacctgaatg tagtagtgga ctcttcaagt 300

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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(277)  
<223> n = A,T,C or G

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gtgctgcaga caacacacct tctgatgga ggtgtccggc tgatggagaa gtctgtgggc 60  
ttgtaaatac tctttgatgt taaccaggcc gacgctgtgg ccacattccg aaagattaac 120  
cctgtcaaac cctannnnnn nnnnnnnnnn nnnnggattg atnagcctgt nccanacctc 180  
tgcagcctcn ancggtnngtn ntaccatagt ggggatgacc ctctgatact ttgncctggg 240  
ngancatgnt gacanntgct tctacagctt nngggac 277

<210> 28  
<211> 293  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(293)  
<223> n = A,T,C or G

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tggcatcanc nagccgtgca gtccgctntt cactgttnna nggcctccna gtgnntcana 60  
gcattggacc catctntanc aaaagtngag gccaaaaagn tnagtgactt gacaagtgncc 120

agagtaaccg	tgtagacaga	g	gtana	cagaaatcaa	ncntcagtcc	c	gtana	180
cctgatcntg	gngatcactg	c	gagtgg	cttgccagca	cagccagngc	c	agtaat	240
ttgnangacn	tancacnnnc	nnnnttaagt	taaaaaaccc	ccattnnnna	agg			293

<210> 29  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 29						
ggctaacttg	ccttgtttta	ctattgatgt	ttgtgtcctg	tgtccttaac	actttaagca	60
gcgtgttctc	acctaaaggc	taatagtttt	aagtaagttt	ctttttcttt	ttttaattta	120
aaaattaaaa	aattttta	taactttttt	taaattaaaa	aaaattatta	attattttta	180
atagacagga	tcttgctatg	ctgtccaggc	tggctctgaa	ctcctgggct	caagtgatcc	240
tctgccttg	gcctcccaa	gtgctggtat	tacaggtgtg	agtcactgca	cctggccaag	300

<210> 30  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 30						
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aangannncn	nannaggtna	ttctnnttcc	ctnangccna	nanggnaach	tggnttgncc	120
ttaaactntt	gnnttanatn	gggtanntgn	ntttttnaaa	antnggtgcc	ntnaangann	180
ntttgagctt	tgcagtagat	tatgctgcat	cctcgtggca	aaattctgta	ttcttagtga	240
ttgttacaaa	ccccctttatt	gctgtctgag	aaaggaaaga	t		281

<210> 31  
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 <212> DNA  
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gtcaagggct	gcatgaagtg	cgagggccga	agagtctgtg	tggactcagt	gggacatggg	60
cgtggaagag	cagggaggtc	tgaatgggaa	gtaaagacac	agatgcgggt	atgcacacag	120
ttctttgaag	atgctcggcc	gaggagacaa	gagtaatcag	gtcaggggca	aaaaggggta	180
ctcgctgag	gaagtaaaca	ttggatgtcc	acagctcaga	gttagttcaa	ggtcacattc	240
aaattagata	ccccgatttc	ccccggcctg	ctgtctaaat	gccaaatcaa	gtcatggctt	300

<210> 32  
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<400> 32						
gagcagaaac	gcaagatatt	tccctttgct	ggctaaacag	aagcctgggc	accagaatg	60
tgatatcctg	accaatgttt	ttgcaattct	ctcagcgaag	aatctttctg	atgccacagc	120
cagtattgta	atggacatag	ttgatgacct	tcttaacctt	ccagatttcg	agcctacaga	180
aacagttttg	aacttgctgg	taactggatg	tgtataccct	ggcatagcag	aaaacatcgg	240
tgagtctatc	acaataggag	gaagattaat	tctacctcat	gtacctgcaa	ttcttcagta	300

<210> 33  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 33  
 gtccagggcc cangtttttaa tttnttttta aaaagcttta ggtcttgccg ggacgggtgg 60  
 tcacncnnnn nnnnnnnnnn nnnnnnnagg cctaggcggg tggatcacia ggtcagcagt 120  
 tcaagaccag cctgaccagc atgggtgagac cctgtctcta ctggaaatac aaaaaaattg 180  
 gctgggagag gtggcaggca cctgtggtcc cagctacctg ggaggctgag gcgggagagt 240  
 ctcttgaaac tggaaggcag aggttgcggt gagccgagat tgcgcc 286

<210> 34  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 34  
 gtaggttgaa agcctgggtca gctattctgc aagacagtca aaaattgttt acagggctgg 60  
 acagcatatt gctattgaaa aatagctatt aggagacctt gcacaatttg tgaaacattg 120  
 ttaggtcat tgtactgtgt aaaatcagga aagaatttgg gaacatactg atacaacaaa 180  
 aagataggtt gtcaaaccct cacttcacca gaaagctaaa ttaaccagat aagtctttct 240  
 gaannnnnnn nnnnnnnnt ttgntectgc gctgtacnna naccttanat tgggtaatct 300

<210> 35  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 35  
 attgaggaag atctaggtaa aacctttaag ttaaccttct aagtctcaga cacgtaaacc 60  
 caagtgtggc aaaggaactc attgctctcg aaatgcatat atgttggttt atagactgca 120  
 aactcaagaa aagcccaaca ctactgttca agttccagcc tttcttcaag agctggtata 180  
 tcgggataat tccaaatttg aggagtgggtg tattgaaatg gctgagatgc nnnnnnnnnn 240  
 nnnnnnnaaa ggaaaagctn ancacgaaga ggntaaggag ctgtaccaa ggttacctgc 300

<210> 36  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 36  
 gcttggtcac ccccgaggag agcaggaagc tgcggttctg gaacctggag tttgagagcc 60  
 agtcttttct gtatagacag gtacggagga tgacggctgt gctgggtggcc gtggggctgg 120  
 gggctttggc acctgcccag gtgaagacga ttctggannn nnnnnnnccc ctggncaaagc 180  
 acnacacaca tgtngcccca ncccacggct tantcctcan ntcacgcgct gtacnggaac 240  
 ctctnctctg cctnctgcac cctgcaggnt nnaaactacn gcacccactg ataa 294

<210> 37  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 37  
 gtgaatgctg tgccctgtggc cccacctgtg tgtgatgtcg ccagaaccca gccgactcct 60  
 tcagagaaag ctgcaggagt cctggagggg gcccttgggc cacatgttgt cactaacctt 120  
 tatctctatc caatcaaadc ctgtgctgca tttgaggtga ccagggtggc tgtatgaaac 180  
 caagggtgct tatatgaccg gagctggatg gttgtgaatc acaatgggtg ttgcctgagt 240  
 cagaagcagg aaccccggtc ctgcctgac cagcccttca tcgacttgcg gcaaaggatc 300

<210> 38  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 38  
 tcttgttcaa cattatatcc ttagggatta gtacatagga ttgcaaatac caggatatgaa 60  
 taaaaaatta ttgaatgagt aaatgaattt aaaatataag ttacttaggc ggtatcttca 120  
 ggcatatctg tgtttatgtg gtattcaatg gccacaaaat gtctacatcc taattcctaa 180  
 gatctgtaaa cattaatttg catgacaaaa gagactttac agatgtgatt aaatgaaagg 240  
 attttgacat gcagataata tctgtattc ttcattgtgga accaatgtat ttacaagggt 300

<210> 39  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 39  
 cttctgcccc cggcacttgc catgttccag tggggggcag atcctcagga cttcacgggt 60  
 atggttgcca gctgtgttcc tggcccctgg acacacagtg tggcatcctc atgtttgcac 120  
 actttcccca ggctccagtg gcctggatgt caatgtttac aaaggggcaa ggacctctca 180  
 tggacactgg cctctagccc tctgtttttg tttgatgaat tctgttataa cctatggggg 240  
 caggatatga gtcctgggca ttatttatcc aggacccatc ctcttgggtg ggttttgggt 300

<210> 40  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 40  
aatttcnctt tcnnagnttn cgcgggnc taaangntttt tngggcnaaa gntccntnn 60  
ggngnctant ttgtgatncn gngngaaaaan atttttctca ttctgaggtc cacatggcac 120  
cttctgggcc agcagctgtg gccggtgtat caagggcgcc cttaaagctg gaacattcca 180  
gcaagcttct tgcgcttctc tgcacccggc agggccactt tcttggcacc ctcgacttta 240  
tataaaagtt gcactgcgtt tcaaaaaccc acccctgaag aataa 285

<210> 41  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 41  
gtttcattta agaagaatga gctagataaa tgtgctcttc tggttacccc accctgacag 60  
agtgcatttt tacacggcta gcaggggttg agactgcagc ctggcctgcc agccattgga 120  
ggtgtttaag gaagggcaga taatgtgact ctttgcgggg tgccatctgc ttaccatta 180  
gcgagcagag gggtttctg cgggtgaccc ccagcatatt tctaggttac ttatgggcag 240  
atgtgtaagt gacaaaactc cagctgatgc tgggaatggg gagagggccc ttgagggact 300

<210> 42  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 42  
cgtctgtaat cccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggaggt 60  
ggcggttgca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac 120  
ttcgtctcaa aaaaaaaaaan nnnnnnnnnn nnatcctttg gncgggttct cccaaattnt 180  
tttgaggggn ccatggncaa cngcttnagc tttgttttgg caaccccntg cccnaagncn 240  
catataggct gtncttnacc ttgtttccaa ggctgaggan canaaagtan cctntgtttt 300

<210> 43  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 43  
ccatagcctg ttgagtgttc ccagatgtga ctcaccttct tgcctccctc ttcattgcagg 60  
cctactgact cataattcac ttgtcccaaa agccacccca caagcctgag ccaacctgct 120  
gcctgacgcc acagtcatcg gcagaggtct gggcattatt aatctataaa aatccatgct 180  
ttacacctgg acagtacaca gggacttcag agattgcagc ttggaatata ttctcccaag 240  
actgaggttg ttcgggtttta attcctgtag tccaatcaca caatttctta tggaaaacct 300

<210> 44  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 44  
caaaagataa tgtgaaactg ttggtggact ctctggtgag gggtagggcag aacttgctgc 60  
tactagagtt cttgggttct ccatgatgtt caccctgggg ctggcccaact gtgtcctgaa 120  
tgtttttgtt attttttgtt ttatttttta aacaaaactgc tgtttttata tacctggaat 180

ctgttgttgg	cttcagagcc	attaaa	gagcagggtc	ccaaggattg	gtcttag	240
tgtctgctct	cctgccctgc	aa	caattg	ggcctttttc	gtgacctca	300

<210> 45  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 45						
cttgatggca	gtagaaagac	ctcattttca	taacataact	actcttgata	ctttctttaa	60
aaacactttt	tattaaagat	tctatcatga	ggtatttggc	tgggagctgg	gaggctaaa	120
cgctcatgtc	ctggctcttc	agtgaattta	actgtgtgac	cttgggcaag	tcacttaacc	180
tctctgtgct	tcagtctccc	tgtcttgtaa	aatgggagta	atacctacct	cacagggttg	240
ttgtggggat	taattagaga	taatgtctgt	aaagcattta	aggttcttga	agaaggcact	300

<210> 46  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 46						
ggccggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcagtct	60
ggcattttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgtgtgagt	aatgcattct	aaacatccta	180
ccccacttta	gaaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaatttagg	240
tgaatgtccc	taagtgttta	ctgtttttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 47  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 47						
gttatattaa	attattcttt	gtttttcttt	ttcttttaat	aaagcctgca	agttactaaa	60
ttgtagtttc	ataaattctg	tagtaaagta	tcactctggc	agtgtgcca	aggtgaaaat	120
gatgctttct	ctaacagaga	aattcttagt	gactccagtc	gtagaaaaac	gtctttacaa	180
cctgaataag	attgaagaat	tgtgaacata	ccatggccta	ttggatgaat	catttgccgt	240
aggctaaatc	agactgtagg	gtttgcgatg	gatttatgga	gtatgtgggt	atagaaatca	300

<210> 48  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 48						
gatgtcacta	gacaactggc	agtttaatgc	tcacaccct	gaactagaag	aggttccaca	60
ggatccctgg	ccaatgccag	ggatcttttag	gtcagcagtc	atgtcaagat	gctctgattc	120
tccacaaacc	cagcttcttt	cccaaactgc	agggaggtcg	gtctgcagtg	acttacctag	180
tattttgttg	tatccctggc	tcacagtgtc	tccccggtct	aggatcttcg	aatcgaaatc	240
ccatgaagca	catattgcag	tgctctctga	ctctcaccct	tgaaatagag	ctggtgggat	300

<210> 49  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 49  
 ctgtttcnnnt cctaattggat agtttagctga tttctgttgt ttttctctga naaccaatgt 60  
 tgcaatgtgt ctttagtctg gatagctatt gttaaactgc ctacaaagtg agcagatcta 120  
 ttaatatcag tttaacttg ggcctttggg gtttgagagg acctttttct ctgcaaccat 180  
 ctgtgggctg atttttgcat tttacttggtg ataacaaggg agggtaactg ccccttttcc 240  
 atcatcccc aaaaggga aaatgagcac tagcataaaa gttctttgga gaaatat 297

<210> 50  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 50  
 ttccttggcc actctaagtc agatagtcca gagccaggcc ctttgggatg tgacaccgag 60  
 ataaatcaga gaaaagctgt gaagcttggg gaacagaggg accttttggtg aagtaggtgg 120  
 tctgcagttt ctatcttctt gggaaaagca agctggaaaa gtgaacagtg gttggtaggc 180  
 catagtgtc ccagctgggt gacataatga ccacacagca cagtgatgtt attagcaact 240  
 gtgtggtgga gtagttgtgg gctggacaaa tcaatcgtgg gaaattgtta ggagttttat 300

<210> 51  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(288)  
 <223> n = A,T,C or G

<400> 51  
 agttctntta acaggatnnn atcgattcna attnggcntn angnntggcc nccctggggg 60  
 ncnaccaga agntcggana aaggcccaag gngnangcca cgcccagcag tggtnattgc 120  
 cccccactcc ttttttgagt ctatnagcat tgnttggttt tagctgtcat cagaagctgt 180  
 gagggacca cagattttg aaacgacctg gacacactat tgggaaggag atgtggacgg 240  
 cctgtctcct cctgcagggc ccaccctaag aatgtatttt taaacaca 288

<210> 52  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 52  
 agaaaggata atggagtttc tgtacaagat ttaccagaaa gagagtgggtg tgtagacatg 60  
 cctggagcag acaccttggg gccgctgaca gaaggtgaag cagtccaaga aaatgtggaa 120  
 acttttccgc tgctctacac agtccacaaa cctgtccatt ttatttcgtt gaagctttgt 180  
 ctgagagata accaaataga cagtcaaagt aagttatctc agccacatat ggggagtggg 240  
 tgctgctgaa ttgtgattaa ttgggggagc catataggta catttggcat gatctggggc 300

<210> 53  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 53  
 gctactctta cgcactcacg ttcattaact gcgttctgat ggcagaaggt agacagcaac 60  
 tggacaaggg tgaatttacg gagaagtacg tggccccgcg gacaaggctg gcatccaagt 120  
 tcatcacact ctaccgggcg atacgggagc atgggttcta cgtcactgac tgtccccagc 180  
 agcaggcaca accccctgag ggcggcggtt tgtgctgaga gctatgtaag cgcagcctnn 240  
 nnnnnnnnnn nnnnnnnngt tgntacctt natcataact atggatatct aaatgcat 298

<210> 54  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 54  
 agtccctgag aggtggtggg aatggctgct tcattcctcg aggatgcccg ggccccacct 60  
 gggcttgtct ttctgttttag agggaagtgt aacntatctg ccatgaggaa cataaattca 120  
 tgtaangcca ttttctctta tncannncnt ntctttctan gtacantcnt tntctaggat 180  
 ttgngaagct ncttgcncct gnaacaggnc tcangtnngn gnancnnttt ngnnnttncc 240  
 ncnnntcntg ntgntttttt cntntnnt 268

<210> 55  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 55  
 aatgtgaaat ccacattggt tccacaggca ccatcagtaa tgtcgaacaa atggagaaaag 60  
 ttgcaggtgg ggctaggaaa gctgtattcc tgtggattac tctagctggt catttgcccc 120  
 gattgtgaac tgcttgaaag aaaaacgaaa cttctaagat gtttgcctt tcatgtcctt 180  
 tctgttggga tttcttattt ggngcncctn nctgnntanc nttnnnctnn ttnattnggg 240  
 nntcctntna nctnttgtnn ncatcgnnta agttagtt 278

<210> 56  
 <211> 254  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(254)  
 <223> n = A,T,C or G

<400> 56

ggaaattggc	ctataaccagg	aggatc	ccagacgtgg	ctgcattgtc	gcttc	60
tctgtgaaag	aagacctttc	ttccagga	ctcgacgtgg	gtaacctgtt	tcgtcct	120
cggtctaccg	tcattggtgat	ggtgaaggga	gnnnnnnnnn	nnntntacn	cncaggcntt	180
nnntnttnat	nncnnngtc	nccttnncan	ttnatnttna	ntncnnntt	ngnagntatc	240
tngtcgtntt	cctt					254

<210> 57  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 57						
gagacatcat	gtcaacagaa	atggagatgt	gcactgggga	aactgccggc	cggtccgctg	60
gcccgtggac	gcctgggagg	tgcccaaggc	cttcattgcc	cgaggactag	cagacaaaca	120
aggacctgag	gaatgtgatg	cagttgctct	tttaagtctc	atcaacttct	nnnnnnnctn	180
tgngcennat	gtntacantg	ccaccaacgt	gnttntgtgn	actcgncan	tcattggacta	240
tctctatgat	natgannntt	ctaggancnt	ngnggataat	actacnttn	antccttctg	300

<210> 58  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 58						
acaaggtgct	ggcagtgaag	tggtgggcaga	ctgagcctgt	gtagtgaagt	gtcttgagga	60
acgtcagctg	tatcttttag	gaaacaaaa	ctgcatagac	attgaaccCa	ggcagaaggT	120
catgaagtca	gagctaagaa	atgctagtgg	ggataggggg	tgagatagag	ttgggaaatg	180
tttcagagct	acaggtgaca	gttgttggtg	tccagttgga	tatgtaccat	gaagggaaga	240
agcagtcaga	gtgggcacca	agctttctag	cctggaggac	tgaatggttc	tgtgcacatt	300

<210> 59  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 59						
ctctcaaata	gaaatgggag	ataagaaata	tatctgtgca	atattaaatt	gaaaaaaaaa	60
accataaaa	agtgtcaaag	gcaaataatt	tgctctagat	cacaaaacta	gttagcacia	120
ggctaggatt	ataaccaggg	tctaggaaaa	aatcctgaag	gtgatttaac	tgagtgttag	180
gccctgtcaa	gccacctgct	aaggctcatg	gtctttcaga	ctagcttcaa	cattccaaat	240
caggcaatag	ctacaacgga	aagataattg	gacggggaat	cctgagatca	gagtcctagt	300

<210> 60  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 60						
aacgtgctgt	acaccagcct	gcccgtgctc	ctcatggggc	tgctcgacca	ggtaggagcc	60
tcgcacaagc	agggacactt	ctggacagat	gagaatgcgt	tagagaagtc	ccaagcaaac	120
gtttcaatgc	attcttctgg	tgtttacttc	tttctgatca	aacctatta	taattctgtt	180
gtcaggcatc	aagggtcatg	gctgtgcttc	ttgttttgta	ataaggaaag	aggatttctc	240

tgtagtccca gctactcggg a gatgc aggagtatga cttgagccca g tcaag 300

<210> 61  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 61  
ctgttcctaa ccctttcaac tgggggggtct caagtgggtg aggactccat ggccacggca 60  
gcagaactgt ctctttctgaa aaccagactc cggggcccct gggtcagcac ctctaggtca 120  
ttccacagac ttacacagtt taaagaaaga gccagcgaac atgggggtgat cctgggggtgc 180  
cactgggatc ccaagccagg cccggaggtc tgccctgtttc gtccccagaa acttgagctg 240  
gcatcctccg ttgggtttgca ctggggcacgg ggactggaga gccaccaggc cactgagcgc 300

<210> 62  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 62  
cctgcttcca ggtctccctg tcccccttgc ctgccttctt ccctgctctg tccccctaagc 60  
tccctccagg cagggaaaag aggccagggtg ctaaaaatga gcctttctca agcacgtgag 120  
cagcgggaagg cagacaggcg ccagagccca gcactccctt ttccagcagc tgtgggtggg 180  
gagggttccc ctccagtttg tcaagagttg aaggaggctc tgtggccagg tgacctggct 240  
gccttccact ccttgtacct cagtctaaac atggagtggc cgctgacaag gcgctccagc 300

<210> 63  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (300)  
<223> n = A,T,C or G

<400> 63  
ccccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt cacaaagcag 60  
cgcattgact tcaccccttc cgagcgcatt accagtcttg tcgtctccag caatcagctg 120  
tgcatgagcc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180  
aaccacgtgg agctgggacg taaggatgac gcaaaagttc acaagatgtt ccttgaccat 240  
actggctctc acctgctgat tgccctgagca gnacggangt ctttacgtga acccacttga 300

<210> 64  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 64  
gagttttttg tgatattgag gcattcatac agagctgcag ttagacgggg ttacgggggc 60  
taaaagcaga aaaaaaattc catttcatcg ggatggaact gaaggatttt attctataaa 120  
gcggccctgg ttgaatctgg caattctttt tgccaagatc cctagcagaa gatttagcca 180  
tgtccttccc ctcaattgtg tgagtggccc cttctgaatc tctccagcag ccagaggcac 240  
cgtgagaagc agaaagagct ggtaaataaa gccttgggca agcgacttct tagatcagaa 300

<210> 65  
<211> 299

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(299)  
<223> n = A,T,C or G

<400> 65  
cacctgacct tggcctgcac ccccggcagc tccccacac ttttgcgctg gttccacgac 60  
tgacctgggct tttgccactt gccgctgagc ccagggtgaag atccccgagct gggccttgaa 120  
atgacagcag ggtttgggct tgggggaatg agaggttaca gcnnnnnnnn nggcatgan 180  
gggcananat tgnatcccac atatttgann ngngcngaga ncccttttng ggggngtaa 240  
angtacaacn angaagcnct nttaggacta aggtttaana aagntgcttt ttaccatt 299

<210> 66  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 66  
atttgtacca actgtaccat ctgcttgcca ctgctccaaa cttttaccca cttgcttttg 60  
gtaaagaggt cacctgcgta tttaaaatat ccttttgtaa tgtattggga aggtgcgaga 120  
acatatgaaa atggttgtca atggagatgg aaggggcttt attctcactt aagagagccc 180  
tgggagggaat aaggttttat ctggatcagg tatccaattg cattggataa acgtggcctg 240  
aggcaggata aaatttaaaa acacaataat aagcctcctg gtgacatctc tgttcctttt 300

<210> 67  
<211> 297  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(297)  
<223> n = A,T,C or G

<400> 67  
tgtatcgggt cctgttccag ccggcatcgc cgggtggctt ccaggcctca gagctgtgtg 60  
gcagggcccc ctgctggggc tggacatcac tgcagtccag tgcaaagccg nnnnnnnnac 120  
ccagggtgnc cccccaacta aacnaaactg gnggcttgga agccccnncn natgggaang 180  
tncaaaaaaa ggtcttggnt ttctcttcta atgcctttct taactcctga antcgtttgc 240  
tcctaaatct tggtaattct ttttctctgg attttggttt ctittggctt tcccttg 297

<210> 68  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 68  
ccccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt caciaagcag 60  
cgcattgact tcaccccttc cgagcgcatt accagtcttg tcgtctccag caatcagctg 120  
tgcattgagcc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180  
aaccacgtgg agctgggacg taaggatgac gcaaaagtgc acaagatggt ccttgaccat 240  
actggctctc acctgctgat tgccctgagc agcacggagg tcctctacgt gaaccactt 300

<210> 69



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 69  
 ccccaactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt cacaaagcag 60  
 cgcattgact tcaccccttc cgagcgcatt accagtcttg tcgtctccag caatcagctg 120  
 tgcattgagcc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180  
 aaccacgtgg agctgggacg taaggatgac gcacaagttc acaagatgtt ccttgaccat 240  
 actggctctc acctgctgat tgccctgagc agcacggagg tcctctacgt gaaccactt 300

<210> 70  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 70  
 gtttgtttcc ccgagatgtg aacttgctga aggaaaacag tgtaaagagg aaggccatac 60  
 agagaactgt cagctcttca ggatgtgaag gcaagaggaa tgaagacaag gaagcagtga 120  
 gcatgttggt taactgccct gcctactaca gtgtgtctgc tccaaggct gagctactga 180  
 acaaaatcaa agagatgccca nnnnnnnnnn nntgaggaag aggaacaggc anatgtcaat 240  
 gaaaagaagg ctgatctcat tggaagtctc acccacaagc tggagaccct ccaggaggcg 300

<210> 71  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 71  
 tcaggccgct ggggtgacggt gtgctggcca gatagttcct ggggctgcag gtggcttctt 60  
 tcgccccatc cctcccatcc cctttcattc ttctgtcaa cacatctcag accctggaca 120  
 ccgaatgagc cgtcgggtacc cacacccag ggcaattcag tggaggggta ggtggctcgt 180  
 tccccacgt tgccccagga agaggaccct gtccccggca tctgaccca cctcccttag 240  
 agaccgagag cctctaagga taaaccatt caccctgtgt tcagaggctt ttttttctc 300

<210> 72  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 72  
 gttcagggtt ggtgggtctg tggaccttga gctagttttt aatcaacatg gaaactccag 60  
 tgatctattt aaaaacttgc attgggtcat gccagggtta ttggagggtta taccctccaa 120  
 tgtatttcca actcagggtt aaagccaagg tccttatggt ggaagatggg gcatataaac 180  
 tggcattctg gcgctcacac actccaatat ctactactct cccctcttgc tcgctcagct 240  
 gtggcttgct tattcagctt tttgctcttc ctggaataca tcaaacatat gtaggccag 300

<210> 73  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 73  
 ctttgaagag agggaggggga ct agagag ggatgaaaat gagccctggg agggaggaag 60  
 ggacgaggag ggggtggctgc atgttaccgt cccctacctc tccccacgtg gaggggtggag 120  
 cagttatgag ggaggaagtc aactgctgtt cagcctcaga ataaagggtgc cgttcactgg 180  
 ctcagttacc tcctgtgtac cggcatcttg tgttgggaat gttccccct ccctagggac 240  
 caaggaccac ccctacaaaa agagtaatgg ttgggtgata ctccctcaag ccaaagagga 300

<210> 74  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 74  
 gggattaaca atgctgaagg actcttagta gtagtgactg tcattctgtgc ccctctaact 60  
 ttcttgagcc tcacacacaa cctgtgggca ggatggagta gatcatgttg ctgactgctg 120  
 ccgtaggcaa gtaaattggag ccagaaagtc ccactgttga caggggtgcca cagctgacca 180  
 gggactgtca ttctctccac ccacaggctg tggaggggtga ccacagcatg tgcccacctc 240  
 caccaatccg caacgagcag ccggnactgg tgctgnggca gaggntgccg tcattgcca 300

<210> 75  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 75  
 tgggggctct gaagtttcac caggtggacg ctggggagcg ggctcccag cacttgtcta 60  
 cctcccgcca gtctgacaa cttttctggc caacctaccc agcttcgctt ggctggcgag 120  
 cgcattctgt gctgggggttc gcggtgcaga tggagacgca gtgggtggcca gaggggtgatg 180  
 gagaagacgg gaaaagcgac agccacgctc ctggctgaag ccgcaggacg caaataactt 240  
 actttgtacc tgacagtttc tcacgttgtt gtggaggccc tgtttcctgg aaataaactc 300

<210> 76  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 76  
 gcagggcagg gctaaagttg gaaatggaaa tgaaggagca ggtagccatg cagccttgtg 60  
 ctttcagca acaggggtgga cacttggtcc caagaggacg cagctgaaag accctctggc 120  
 agggagaacg tgtgaggact ctgtgggtgga ttctgagttg tgctctctg gcttaatctc 180  
 atctgattct agcagtaact ccaagaggtg agcacatttg tgagtcctgt tttccaatgg 240  
 aaaagctaca tgaggccac caggtcccag aactcaacaa tgggtggggct ggggttcaaa 300

<210> 77  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 77  
aaaggaccta agtgtgaaat acgcgaaga cgtcccccac acccttccaa acggttgag 60  
gttcattttg catcactcag accctgcttc cagccccag aatgtggcta actctcctac 120  
caaggagtgt cttcagagcg aggcagtctt acagcggggg cacatctccc acttgagagag 180  
agagatccag aaactgagag cagaaataag cagcctccag cgagcacaag tgcaggtgga 240  
gtcccagntc tccagtgcgc gentanntgn ntacnttgnt ngtngtngnt gatttt 296

<210> 78  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 78  
tgaaaaaaat cacagctcct gcagcaagtc tatgcctggg taacaaccaa cccacaaaat 60  
ccaagaggag gtccccctct cccgcctctg tgaggcttga ggagcagtat gtatctgggc 120  
cagcctgggtc ctcagagtgt ggaattaaca cctttcctct agcaactgtt tgtgctgctg 180  
agaacagcac agactctctg gcagcctggt tctctccaga gggaagcctg tgaagcagaa 240  
gaaacatatg gcatctgcac tcagggcgcc cagttccatc cggccttgct ataaaatgac 300

<210> 79  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 79  
caaaaagctg ctgctgggca gccccagctc gctgagcccc ttctctaagc gcatcaagct 60  
cgagaaggag ttcgacctgc ccccggcgc gatgccaac acggagaacg tgtactcgca 120  
gtggctcgcc ggctacggcg cctccaggca gctcaaagan cccttcctta gcttcggaga 180  
ctccagacaa tcgccttttg cctcctcgtc ggagcacgcc ccatattagt ggtccggggc 240  
cgggcaggcc cagctcaaaa gagggcagac gcagcgacac ttgttcttac acaccccat 300

<210> 80  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 80  
ctccagcct cctcctccaa cgcccttttg atccaagatt gagtaagaga cattggcaga 60  
tgctgagaag gacaacccaa ttgttttaac ttgcagaccg agggggagat gggttccagt 120  
ctgcacatga ctctgcaca gtccccccac cccacctga cttagaaaat tccaaaccga 180  
ctacaagacc agaaacaaac cacatgccag tcgccccctt gtctgtacac acatgtggag 240  
ttcagagcca cccttgaga gaggtgctc aggtcagct ccctgtgctg ggctttctag 300

<210> 81  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 81  
acatagcccc caccctgag ggatgagaca gctccctgca ggcaggctgt gccagtcac 60  
ctcaagccta cagctgggct gctggctgca gggctctggag ggcgggtggg aggggtggcag 120  
acagagtagc aagaccccca ctccctggc cttcttcaca gacctgcgtc atgcgggct 180

gggaccgcag caagcccctg cctgtgcc cggccatgaa caccgccatg tgcacc 240  
cgatcacagc gcagcaggta gacagctca aggcctttgg ctatgtcgag atcctgtg 300

<210> 82  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 82  
ggaagaggat gactgggtat gctgtgccac ccttgagggc catgaatcca ctgtgtggag 60  
cttgggcttt gacccgagt gccagcgct ggcgctctgt agtgatgacc gtactgtgag 120  
tatctggcgt cagtatctac caggcaatga acaaggggtg gcatgcagcg gctctgacct 180  
cagttggaaa tgtatctgta ctttgtccgg cttccactca aggaccattt atgacattgc 240  
ttgggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgcga tccgcgtgtt 300

<210> 83  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 83  
cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt 60  
atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtggnnnn 120  
nnnnnnnnnn nngtaaaaaa attttngng gggggagaaa aaatcnggac ccggtgttan 180  
aggatgtaga ccagtgtgt caagctctct ctcaaagact gggaacacaa ccgtatttct 240  
tcaataagca gctactgaa cttgacgcac tgggtatttg ccatctatac accattctta 300

<210> 84  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 84  
gtcctaccca aacctgtggc cgccactttt gaattctcag attgccctga attttgccac 60  
ttttaataa tgtgctgaat aagctcagca actaaaaacc attaccaag aacgtttctt 120  
gtgagtgagc tgatttattc tgattcatta tattcctttt ggtagatttt atacccttg 180  
gggaaataat acaacaaaaa catctcttaa aaatgctggg atggggccat atctactagc 240  
agaggccaga tggtcagata tgatttctgc aaacccatct tgaccttgag tatgtgaagg 300

<210> 85  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 85  
tgggtcccat attgatgtgg atanacagaa agataagaat ggcgagagaa tgatcacaat 60  
aaggggtggc ccagaatcac caagatatgc agttcaacta atcaatgcac tcattcaaga 120

tcttgctaag	gaactggaag	aattcc	taaaaatcat	atcagaacac	ccagcac	180
caaatacaatt	catgctaact	ttatctgg	agtaggtacc	ccagcagctt	ccgtaaaaa	240
tgcatttcct	ttgggtgctc	caactcttgt	aacttcacag	gcaacaacgt	tatttacgtc	300

<210> 86  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

gaattccatt	accanatgct	actngctctt	tgttgcttta	tcncnangcc	atcgattcga	60
atnnaggacg	agncgannng	tatcgncann	gatngntntn	ntncgctcnt	gacccatang	120
cttngnatng	ggatnnagng	acagtntcnt	gnnaaacatc	tatnacnntn	atganggcta	180
tcnntttaat	gatnttgaga	atnatgacng	gcttgatgac	tanaacaatg	cngaagatna	240
ncgccactga	tggtggnaca	tacttcctc	ttttactact	cgcctnaca	tcacaatctg	300

<210> 87  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gtgcgctgtc	caggaatgac	gtgctgaagc	aggaggtgcc	agagggcttt	ccctttgccc	60
atgtcctttg	ggcaggatgt	ggatgcagct	gtcggggcag	ctctgggtcat	gctccggaga	120
cacctcaacc	agaaggaatc	ttagacagca	aactctttcg	ccaaacgact	gctgtgaatt	180
ttacctgatt	aacattcctg	acaccatctg	tgggtcatcc	ttccctgga	ccgttcagtg	240
gacagctttc	aagcagtgct	tgttgtgagg	tcccatcttg	gccaagaact	taccttcaga	300

<210> 88  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

ccaaggagtt	ttccaccgct	ctctcatggt	cacagcgcta	gtcattcatt	tttgagaagt	60
tgtctctttt	acatcagaaa	accagtcaat	catatggaga	cttcttttgt	gatgaaaaag	120
ggcttttagaa	gttaaataca	tgcatgcaca	tgaaaacatg	cacaaccaca	gcctcaatct	180
tgtatttagt	ttggggaaag	agaagagaat	ttctgtgga	ttattttttc	ctcaagtgca	240
cctctctggt	taacccaaac	tctgcaagaa	agcactgtga	ctaaaacata	cataacgcct	300

<210> 89  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

agaaatcgga	acaaaagtag	aagttgtgga	aaggaaagaa	catttgcata	ctgacatttt	60
aaaacgtggc	tctgaaatgg	acaacaactg	ctcaccaacc	aggaaagact	tcactgaaga	120
taccatccca	cgaacacaga	tagaaagaag	gaaaacaagc	ctgtattttt	ccagcaaata	180
taacaaagaa	gctcttagcc	ccccacgacg	taaagccttt	aagaaatgga	cacctcctcg	240
gtcacctttt	aatctcggtc	aagaaacact	ttttcatgat	ccatggaagc	ttctcatcgc	300

<210> 90  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 90  
 ttgattgtca taacaattag tggatgtgtc cagttctctg tatctttgac ttgatgcttt 60  
 atacatcatt tcatttgttg cttctaaggg aataagccat agaggcttct ccaggtttaa 120  
 aagaacagta aagtacctgg aaaaccaaca tttttgaatg tatggacact ggacatgaga 180  
 tatgtacaat gaaatcttaa agaattctaa gaatttgccc tctttgcccc actccacca 240  
 gtaatttgac attactagtg ccatgtatag gacccaactg agtattagaa tcagttttga 300

<210> 91  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 91  
 ataggaaagg gaagcccatt tcccagggtca aagcctttgc ttactcgttt atgtttattt 60  
 tatttttgag acagagtcta gctttgttgc ccaggctgga gttgcagggt caatctcggc 120  
 tcattgcaac ctccgccttt tggattcgtg cagttctcct gcctcagcct ccaagtgggt 180  
 gggatcgag gcacacgcca ccatgcctgg ctaatttttg nnnnnttann ggctgncncn 240  
 gngaancctn nnnntnctn nnnntnc 267

<210> 92  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 92  
 aaaaattgtg atgtaagtgg tacagtgggg agaatttagg gctctcagaa tgcagaaaac 60  
 tagccacctc cagttctgtg cctgaccacc atctgacttt ggataaatcc cttctgctct 120  
 cccacctagc tttatcattt gtaaaatgag tctctaggta cagccctttc tgggttgaga 180  
 cagagtttct gaggagtaaa agccatgtca ttgtggaaac aggcagctat tctcacagct 240  
 ggcagagacc cactactccc ctataatcag tgctgataaa ctgctctcat ttgttggaact 300

<210> 93  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 93  
 agtgtatcca gatctaagta atctcagtga actatacatt gcctaaaaag tggttttgta 60  
 atgatttgta gtcacatttc tattgggata tgtnnnnnnn aaggcgaaat gcttaaagtt 120  
 ccttttattt tttaaaagca gntagataga cacagacttg ccacctnata catctgctcc 180  
 ttggcaacat cnnnggggaa nnactagccn acatgcctat ggctaaaaac tttncctttgc 240  
 nnactancgc nctgnttggn gcttcngntt ntannnt 277

<210> 94  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 94  
 attcgggcacg ancccaatcc ctgggcgccc ctggtatcca aagggcccag ggaccctgtt 60  
 gcgctgccct ggcctcggca ttcgaggctc ccctagggcc gtgcctgtgc gtgtgcgtgt 120  
 gcgtgtgtgt gtgtgtgtac tgcattgccca cccgggtagc aagctggtgg acagatctgc 180  
 tctgtggagg ggcgggcacc agntccactt atgtgcctgt gctccgaggg ccaatgggct 240  
 gcagggcctg cttggaggaa ggatttgtgt gtaggaggcc tctccgaggg caattctgtt 300

<210> 95  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 95  
 aaaacctgct gtcaaggctt gaagagccgg cactctcaat ggcaaacaca gcaccgagtc 60  
 tgctctgaat cctggaggat ctggccctcc tctcaacccc cactcacagt caccgtctta 120  
 caactcaggg ccacctggga tcagtcattc gtcagggtgc gtaagccttg aataccaggt 180  
 agcctcagga gtgaaaagat aaatgtccta gatcattacc ttattcagtg tccccacctt 240  
 gcagcgcatt ccaaccacct gggagcattt aaaactccag atgccacac cacaccctgg 300

<210> 96  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 96  
 gtaacctgac acccagggag ggagggaggg aggggctggn nnnnnnnnnc ctgnanngng 60  
 ggnctcactt gttctnnntt nttntnttt tnnntntang ntcacnntng ttancatnnt 120  
 ttntancttg nntttatttn tntttnttt ntnanccttn tttntnttgt tntnnttctt 180  
 tttttncntt tatttttgnh ttctnccntn ntntttntgg tttttanttn ntntttnttt 240  
 tttnttttn tntttnnntt ngnttctntt ntntgtcttc ttt 283

<210> 97  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 97

gtttcacatt	tgctgccatg	aagagagg	aggtcgacag	gtacaatttt	gagctgg	60
ccctgtcctc	ctcattcctg	gtatctct	atctcttgac	ccgttggtgt	ggcgctgg	120
gcttcattct	ggccaactgc	tttaacatgg	gcattcggtat	cacgcagagc	ctttgcttca	180
tccaccgcta	ctaccgaagg	agccccaca	ggccccctggc	tggcctgcac	ctatcgnnnn	240
nnnngnncgg	gacatttgcc	ctcagtgggtg	tggttnc			277

<210> 98  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 98						
aagacttttg	aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagttagc	60
agcctcagca	ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	120
agtgtagagc	aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	180
atagtttagga	agcacattta	caggggaacat	tttcagcatg	tggcagcacc	ttacatagca	240
aaggcaggag	aaaaatcact	caatggggag	tccccttagg	ctcgaatgcc	cgagaagaga	300

<210> 99  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 99						
gctagactca	agctgtcttg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcctaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtccg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgtgg	agaagggctct	gaaatggtag	gcaaagagaa	300

<210> 100  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 100						
aagtcctatg	aagcttttgg	acagcatgtc	atcgaagacc	atgaacgtat	aggctatcag	60
gtcactgcca	tgattgggca	cacaaatgta	gtggttcccc	gatccaaacc	cttgatgcta	120
attgctccca	aacctcaaga	caagaagagc	atgggactcc	caccaaggat	cggttccctt	180
gcttctggaa	atgtccggtc	tttaccatca	cagcagatgg	tgaatcgact	ctcaatacca	240
aagcctaact	taaattctac	aggagtcaac	atgatgtcca	gtgttctgta	taaaatgcaa	300

<210> 101  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 101						
atgttgccca	ggctgggtctc	aaactcttga	cctcaagcaa	tactcctgcc	ttggcctccc	60
aaagtgtctg	gataataggc	atgagccatc	atgcctggcc	gaacttattt	ttaaattctt	120
tgggaaatcta	aaaggactat	gtgctttctt	ttttactgga	ttatgtgaga	agataatagt	180
ttgcagagaa	attcagtga	gcagctgata	aaatgcttta	aaaatatatt	tcagagaatt	240
gagcaataac	agtgatgtca	aaatagtagc	cccaccttct	ccagcccacc	taaaccaaca	300

<210> 102  
 <211> 300  
 <212> DNA



<213> Homo sapiens

<400> 102

gatgcaaggg	ctgaagctga	aacttcagag	agcatcggca	tttaaggaag	aaccttggct	60
gggcgtggtg	gctcacgcct	gtaatccag	cactttggga	ggctgaggcg	ggcggattgc	120
ttgagccag	gagtttgaga	ccagctggcc	aacgtggtga	aaccccgctc	ctactaaaaa	180
tacataaatt	agctgggagg	tagtggcatg	tgctgtaat	cccagctact	cgggaggctg	240
agagaggaga	atcacttgat	tctcctggga	ggcagaggtt	gtggtagctg	agatcgtgcc	300

<210> 103

<211> 300

<212> DNA

<213> Homo sapiens

<400> 103

atthttagtg	ttttacagtc	atthttcatt	taatatttac	agaagtccta	tgaaataatg	60
actgtgatta	gatactgtta	ttattaagga	aactgagcct	tagagaggtt	aggtaacttg	120
tctaaggtag	agctatgata	caaaccggg	tctcattggt	tgggcatttg	tgtcagtcac	180
tgagtataag	gtaactggga	caaggagctc	aagcagctcg	tcgttttagta	tcagagacag	240
agagctcagg	ccatggcccc	actatgaaca	aagtgggtctt	aggacacaga	aaaagagtga	300

<210> 104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 104

gcctgtagtc	ccagctgctc	gggaggctga	ggcaggagaa	ttgcttgggc	ccgggaggcg	60
gtggttcag	tgagccgagg	ttgcgccact	gcactccagc	ctgagcaaca	gagcgagact	120
ctgtctcaaa	caaaaaccaa	aagacatcag	gaaacatgcc	tcttatggaa	tttgaggggg	180
aaaagtcagg	gtcttggcag	tgaccttgga	caagccatta	gcctcttgat	acctcttttc	240
tcactctgtaa	aatgaagggtg	gtagttacct	acttcacagg	gttattaggg	gattcaatgt	300

<210> 105

<211> 300

<212> DNA

<213> Homo sapiens

<400> 105

cagaggcttt	gctagtatcc	ttcaaccaat	ttctagtaaa	aatatcctat	ataaccataa	60
ttatcaaaac	cagaaaaaca	acattggtag	gatactataa	agtactaatc	ttattttgga	120
tttgacgaat	ttttacatgt	ttttttcttt	tttagtttgt	actctaagaa	gttgtattac	180
atgtacagat	tcgtgtaacc	actgcaacca	cataaaacta	atgaacacaa	agtcctcat	240
gctacctttt	tatgcttaca	ctccatccaa	acctaaactc	gccaaacct	tttctcctat	300

<210> 106

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 106

acctgagcta	gggttcgagc	agaaattgag	ttgcagcttg	cccttggtcca	gacctatatt	60
------------	------------	------------	------------	-------------	------------	----

ctgcttgcgt	ttttgaaaca	g	gtgcac	gtaccacca	attatctatg	g	atgca	120
tgtataggcc	gaactattat	ca	ctgat	gtttnnnnnn	nnnnnnnnna	ta	gcgana	180
gangccatca	cnntnctatt	gtgtctnaan	tntngccntg	ngntattcca	tgncntcntn			240
ntatnnanct	ntacnaatan	gttttacgtn	atncnnttcg	atTTTTTg				287

<210> 107  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 107								
ccctggatga	aaacctaggc	agtaccattc	aggacatagg	catggggcaaa	tacttcatga			60
ctaaaacacc	aaaagcaatg	tcaacaaaag	ccaaaattga	caaattggat	ctaactaaac			120
taaagaactt	gtgtgcagtt	ttatttggga	gtgtgtgtgg	ggtacctctg	agtttcaaaa			180
atgaagaaag	taagtagtca	tgctttcctg	actctttggg	agacatagcc	tttaagacag			240
tcattctgag	ctgttatggg	cttaggggtc	cctatactac	taaaacttat	tgatgacatg			300

<210> 108  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 108								
atgcccntag	tacgcaacaa	ntccttctntg	ctccaagagt	aggaaaatta	ctgttctntn			60
tgccagttag	attcctcttc	tggtattacc	tttgcttcaa	agtcacctgaa	ttgcccatte			120
cccacttcat	agcacttatt	gctatctgga	attacactaa	atgtcacctt	catgatggta			180
ggcaatttat	tgcttagtgc	acagttatgt	ctagagaaca	agcagctggc	tcatagtagg			240
cactcaacaa	atatttggtc	aatgaatgaa	tttataaatg	aatgc				285

<210> 109  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 109								
aattgtaact	tattccagga	taaatgtcat	atgcatatga	ttttcatatg	actttgatga			60
gtatcttcag	ggaaaattcc	taaaaatgaa	attgctggat	taaggggtaa	atgcatgtat			120
agttttgtta	gacagggcc	catacccttc	cttagaggta	gtaccctttt	gtattcctgc			180
cagtaatata	tgagagtcca	cagagtatgt	gggttaagctt	tagaatgctt	gtccatctga			240
tagggaagaa	atcgtgttgc	cttaatttgc	ccttctttta	ttatgaatca	gattttaatc			300

<210> 110  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 110								
cagccaatag	ccatgtaact	gagcttggaa	gaggatcttg	ctgtcctggc	caacatctca			60
ctgcaattct	atcagttgaa	ttccctggat	agtccaagct	ttgtggatcc	ctccaccaga			120
acaactggat	cccagtacct	gaatcctgaa	tcttagactc	ttatacttca	aacactgatc			180
acgggaacag	ccggctcagc	agctcctgag	ttcctaagtc	tcagaacatg	gatgagatga			240
taaatgtttg	ttgtgttaag	ctgccaacct	ttggcggggg	ggtattcgtc	acaggcaaca			300

<210> 111  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 111						
aagcaacttc	ttgcctcttc	tcaatataga	attcaaagat	ttgagagggt	ctgcaagctt	60
tttcctgaaa	ccaagtacct	ctgggtgacag	tttaciaaagt	ggaagcattc	cattggcaaa	120
tgaatccttg	gagcacaac	ctgtatccag	tttagcagaa	cctgacttga	tcaactttat	180
ggacttccca	aaacataacc	agatcataac	tgaagaaaca	ggctctgcag	ttgaaccaag	240
tgatgaaata	aagagagcca	gtggagatgt	ccaaactatg	aaaatttcat	ctgtgcctaa	300

<210> 112  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 112						
ggccgggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcagtct	60
ggcattttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgagtgatt	aatgcattct	aaacatccta	180
ccccacttta	taaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaatttatg	240
ggaatgtccc	taagtgttta	ctgtctttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 113  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 113						
gacttgaaaa	aaagtcacat	ccagcaaagt	cagggtcaca	tgaaatatgg	gcctcctgga	60
atccctacag	tggatggaga	ctggctcata	ccttgccaga	tccctctctc	agttccagcc	120
ttctggacaa	ggcctgggct	aagaggagct	gattcgttat	ctcttcaccc	actgccctct	180
cagtatcacc	agtcccaaag	acaggatacg	tccctgtaac	ccaatctctc	ggttgattga	240
tagcagaaca	gctcttggtg	gtctgagaag	gcaggataag	tgaccacata	tttatgccac	300

<210> 114  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 114						
gggggggnnaa	aaaannnatt	tnannnnnttt	ttttncaaan	nanaggggggn	tntngntttt	60
tnnattaaaa	nnnccggggg	nnnnccatnn	ngtttttttt	aaaaannntg	gnaannctnn	120
ggngtngggg	cccctnaant	gttttnaaag	acnccccctt	ccaaattttg	aaaacattgt	180
aattggagaa	gaaggtanct	ctgcaagggt	aatctgtcat	tctcaatttg	ccttattgtc	240
ttgtttatta	agatgttggg	aaagcaggag	gtagctgtgc	ctcaattatt	g	291

<210> 115  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 115  
aaacagaatc ccttttttct tt ttgtta aaagtactca tccctaatat ta ttgttc 60  
tggaaggact gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt 120  
tcattcctca gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttggtgt 180  
tggtcatatgg accctgagag aaagaacttt aattttttct cttggactgc aataaagtat 240  
agctgcctaa aatacgtttc ctgacacttg gaggtttgtc cacaatcggg aaaaaaggca 300

<210> 116  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 116  
aacagaatcc ctttttcttt tttttgttaa aagtactcat ccctaataatt acattgttct 60  
ggaaggactg aaaataacag aactcagcac catgatcggg ccgggacaat cagattattt 120  
cattcctcag caaacggaga tcatccgaa aagtggaaat atgagctctt ctttggtgtt 180  
ggcatatgga ccctgagaga aagaacttta atttttttct ttggactgca ataaagtata 240  
gctgcctaaa atacgtttcc tgacacttgg aggtttgtcc acaatcgggt aaataaaggc 300

<210> 117  
<211> 298  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (298)  
<223> n = A,T,C or G

<400> 117  
caaaggccct ggggctcctt ctagctggag gaatgcaagg ctagcttgtc tggagcactg 60  
agaggatggc ctgaactgag tggagagaga cagaccagga ccaaaccatg cagaggtcaa 120  
gggccacatt caccttttca gagtgactca atcaaatttg tagtttgtaa aagtatttta 180  
acagctctgc ggcaaagtgc aaatgaaaag tcttgatggc atggactgga gcggggacag 240  
tggggatgga gaaaggggaa tggattggtt gnnnnnnnnn nggtanatnc atgtgaac 298

<210> 118  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 118  
cccgtgagt ggcagtggca ggaagtcggt ggaagcagat ccctgtgcag aagttgaatt 60  
accagggcgg ccacacacgg gctgcacaac ctttgcagtc gtgcacggca agtgggatgt 120  
ggcctccgcc catgattggg cacctggtca ggctgggaga tccaaatagc acccagtggg 180  
cagctgtccg acccctggag gggcaagcca ggaaagaaac ttagggcccg ctgtgaccag 240  
atgtccctcc cagttgggaa gactaaactg gtttggccaa tatctcccag gattcccctg 300

<210> 119  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (300)  
<223> n = A,T,C or G

<400> 119  
gaaagcagat gtagtagaca tctgtgtt ttgcctaaac agaatccctt tctcttttt 60  
ttgttaaaag tactcatccc taatattaca ttgttctgga aggactgaaa ataacagAAC 120  
tcagcaccat gatcggaccg ggacaatcag attatttcat tcctcagcaa acggagatcg 180  
atccgaaaag tggaaatatg agctcttctt tgggtgttggc atatggaccc tgagacnaaa 240  
gaaccttaat tttttctctt ggactgcaat aaagtatagc tgcctaaaat acgtttcctg 300

<210> 120  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 120  
atttgagaca ctgggtttaaa tgaaaatgga tataaggat gtataactgg ggggtggggtg 60  
agggtaggag gcattttacaa ctcagatttt atttattttg aaattatcaa ttgtataaat 120  
ctaatttatt accaaatagg gtctttttaaa aaatattttt atcgttgaaa ccttgacagg 180  
tacttcatat tcttctaata atttaaacag tccaataatg tggatatacac tttgacatcc 240  
aagaactcac caagatgttt ttcagagatt tattctcgat ttaactatca tagcatttaa 300

<210> 121  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 121  
ggagaactgc tcaactccttt tccctcccca taaaaactca aagtcccctg ggccccaatt 60  
cagagttatg ttttttttgg cacatactag aaaggcagtg cctcagccct tccctgaatc 120  
catggagggtg ttctgttttg ggcttttttag actgctgctg ctcagctggg tgcttgaact 180  
gacagtaggc cagcctgttc tctgccattc cctagtcatc ctgtgcctca ccacagcttg 240  
cttagagcaa gccttttctc agaccttagg cacagcctct cctctttacc tgatcaatgt 300

<210> 122  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (300)  
<223> n = A,T,C or G

<400> 122  
ctttagaaca tatcactact aagtatcagc ttatcttcag aacattacaa cattcaccgt 60  
gttcatatgc tttctgagaa gtcaccactt gtaatttcag atcacatata cctgaaggca 120  
ttttatagtt cctaaagtta acatgttaga tctttttttt ccaccccatg agggctcac 180  
tctcaccag gctggaatgn nnnnnntga ttgtagcaca ctttggccac caactcctgg 240  
gctcaagtga tcttctgtgt ttggcctcct ctgagaagct gggattactg gggcacacca 300

<210> 123  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 123  
cacctttcct ccagttttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 60  
cacctttaat gtctatatcc ctaccaatag tctttttaag gcaatatagg ctttctctaa 120  
catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatggtttt 180

tggtgtgtgc	cataggaagt	caggc	aagggaaaga	aaccagaacc	catgga	240
gttaagaagt	gagtcagaga	gatgggt	agggacagt	aggtaaggcc	tccttaag	300

<210> 124  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 124						
ggaactatgc	ccctcccact	cccatcattg	ccaattaagt	ctttttccct	taaaaatcag	60
ctaaacatct	ttccccttga	tcccttaggt	atgtactctc	attcttcgtg	tactccatgt	120
gattcaatag	cacagatact	tcagtagcac	ttaccataat	tgccatgaaa	taattgtgta	180
gtttgcttaa	tatttgtttc	tcatattaga	atgtaagctc	catgagagct	aggatcatgt	240
ctgatttctt	tgccattgta	ttgcagtgc	taaaacaata	ttttacaaat	ttaagtaatt	300

<210> 125  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

<400> 125						
accatttctg	tacaacacaa	gctggccttg	gcagtttcgg	tgcatagaaa	atcaggtcct	60
acagctcgag	agggcagagc	cacagtccct	ggacggcggtg	gactgaggec	ggatccttcc	120
tggaaggcctn	nnnnnnnngg	ggaccccagn	anctcatcat	cancattgct	ggagccaagg	180
agtctgntac	ccacgtnnnn	tnngnggatgc	ccgatgncng	ntttggtntt	nttgacntgt	240
tnntgntnaa	ntnnttnnng	nttctantnn	tctgat			276

<210> 126  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 126						
cctggcagt	ttgtcagctc	aacctgggtg	gttcagttct	gtcctgagge	ttctgctctc	60
attcatttag	tgctacgctg	cacagttcta	cactgtcaag	ggaaaaggga	gactaatgag	120
gcttaactca	aaacctgggc	atggtttttg	ttgccattcc	ataggttttg	agagctctag	180
atctcttttg	tgctgggttc	agtggctctt	caggggacag	gaaatgcctg	tgtctggcca	240
gtgtggttct	ggagcttttg	ggtaacagca	ggatccatca	gttagtaggg	tgcatgtcag	300

<210> 127  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 127						
cataatcgca	aagtgaaca	tgaagctcta	ggcagtagtc	tcctgactgg	cccagagggga	60
cttttgcca	aagaacgaga	gaacttaaag	cgattaaaat	gtctgcgacg	ataccgccag	120
cgctatggag	tggaagcctt	actgcatagg	cagttgaagg	aacggagaat	gctggccaca	180
gatggtgctg	cccaacaggc	ccataccact	cgttccagtc	agaggtgctt	ggcctttgtg	240
gatgatgttc	gttgttccaa	tcagtctctt	ccaatgacca	gacactgctt	tacccatatt	300

<210> 128

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 128  
 aggtgcatag agttttgcct ataatcccaa cactttggga ggctgagatg gggagatcgc 60  
 ttaaggccag gagttcgagg ccagcctagg caacatagca agaccccat ctctattaaa 120  
 acaaacaaac aaacaaaatg ttaaataaag gaagcagatg agtatgtgct aactaggctg 180  
 gcatgtgtct ttgttggtga catggagcct ctgtcatccc ctcacagact gcatacgagg 240  
 attggttcat caccctctac aacgtgctgt acaccagcct gccctgctc ctcatggggc 300

<210> 129  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 129  
 gaccaggtga gaccagctca agagttcatg ttctttgtca tctcctgtg agctctctgt 60  
 aagtctcttt cttgcccatc accacatccc tagtactggg tatcagtctg gccacttggc 120  
 tttctggttt gcccgaatgt ggtctattct tgatgcagct accaaagtaa tgttttaaaa 180  
 ccattatacc aagttactat ccttgtcaaa acccccagta actgccaatc tcacttagaa 240  
 taaaatccgg actcctgtga agcacagcat aaactggcca ctgcctatgc agcaacctca 300

<210> 130  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 130  
 gtcgaatgaa tcctttgtcg ccttttagctt ttagtccttt gaagagaggt gagagtggaa 60  
 atcaagagat ttttttccac ggggaagttc tttttacaaa gcgttgattt ctcggcacc 120  
 cgcgggggcg gcaactgaca cggcctccgg tgcaccttct gcgctgtgga gcctctggg 180  
 ctcagctggn nnnnnntcgg gtcgtgnggc ggtagggcgg gagcgngga agggaaaagc 240  
 naangctgga aaagaagcag ggcagttgng aaccagacat ccagacctcc tgaagggctc 300

<210> 131  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 131  
 ctggactctg agtcgtcttg gtcccaggag ccagtagtga aggcaacagt ctgccacact 60  
 gtggacacca gatcctggga gtcctgggtt agcaagtgag atctctggga tgtagtgag 120  
 gctggttgaa gaccagaggt aaactgcaga ggtcaccacc cccaccatgt cccaggtgat 180  
 gtccagccca ctgctggcag gaggccatgc tgtcagcttg gcgccttggt atgagcccag 240  
 gaggaccctg caccagcac ccagccccag cctgccaccc cagtgttctt actacaccac 300

<210> 132  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 132  
 aaaacttttg ggcatttcag aaatagaga gtttaatgaa tgtgcccttg tttagtata 60  
 aaagtacagt tcaagtttgt aactccatac ttgttccaaa gactggacgg gaaaaaagaa 120  
 agtcaccgga aaaccggttc ctgagaaagc tcctcaaacc agacatagaa agagaaagac 180  
 ttaagaattg cctggggtca ctttgatcgt aagttgacag tgctggactg gcagcaaagt 240  
 gaccgttgga gtttaatgag aggaatatac tcatcatcag tctatttaga agagatttcc 300

<210> 133  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 133  
 tagggtaann cngnannaaa angngcanta ngtnagacn ngncnnncnn tnacnatnnn 60  
 ngantagaac atntctatnn ngnnnnnana tntnannngn naaanagggt tntatgnnag 120  
 nacnctcttc ncnnnnatcc attctcatca gcactgtccc aggatcctgg agagggagaa 180  
 cccctggccc caggggaaag agggcggggt ctcccgtttc ctgtgcctgc accagccctg 240  
 cccccattgc gtctgcacac ccctgcgtgt aactgcattc cataccaact aata 294

<210> 134  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 134  
 ccaatggatg caggaaaact gagatgggat ttccccacgt tgcccaggct ggtctcctga 60  
 gctcaaagca atccagattg ctgggattac agctgtgaac caccgtgcct ggctgagatg 120  
 acttttataa aaagacttct ctaaagtaga aggaagggtg gaattgtatg cacaagaaga 180  
 aaaaaacctg gaagaaaaac atactaaaga ggctggagtg caatggcgcg atcttggttc 240  
 accgcaacct ccgcctcccg ggttcaagtg atttctctgc ctgagcctcc caggtagctg 300

<210> 135  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 135  
 agactcttca ttctatcacc ctgtctcaca aaagacttgc ccaaggctac gaagcaaggc 60  
 agtgactaga gtccagacat cagaactagt tccatgtttt ttttttact accagtccct 120  
 aggccccaaa ccgcagatcc tgctgtgtga ccattaagcc cctgactgtt ctagggtcaa 180  
 ctccaaccc tttctgcagg tcctattacc tctgcctcat cctccaaca tgataaccag 240  
 agtcttccct cacattgtac tgctacccc cttatgttcc caggctctcc cttgggttta 300

<210> 136  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 136  
 gtgtgcttgt gaaagtgtcc aggcgtgtgc acagccagtg cgcccacttc cgggctcctt 60  
 gctccctgct gtactgaagt tttggatttt gcatccaatc ctgtgtgcct gcccttctgc 120  
 cgaaggcttg tgaggggcct gagtcctctg cccatcagga tgacaggctc cttcctgcag 180



ggccatagga	gggaagtttt	g	cacag	aatgattcca	aggtgctctc	g	tgagg	240
gggactgggt	tgtaacccat	g	ctctgtg	ggcgagagag	gcagctggga	g	ggacact	300

<210> 137  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 137								
gctgcatctg	caatgaggat	gccaccctac	gctgcgctgg	ctgcgatggg	gacctcttct			60
gtgcccgtg	cttccgggtg	gtgcaggtgg	aatgttctgt	gcgagagctc	aagggctgcc			120
tggatccctg	acttgatatc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa			180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc			240
tggtcctccc	ggaagggcag	tcccacaggc	agcggcaccc	atttctgggc	cccgccacag			300

<210> 138  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 138								
gcagggcaga	gttctacctt	ctcaaaccct	ccagccggca	catcacacac	cggaggccag			60
gacccaagcc	cagcagacac	aggatctgct	aacgcagctg	gcagctgagg	tggtatcga			120
tgaaagctgg	aaaggaggag	gccagctgc	ctctctccag	aatgatctca	accaggggtg			180
cccagggagc	actaattcca	agaggcaggc	caactggctc	ttggaggagg	agaagagcag			240
actgctggct	gaggcagcac	ttgagttgcg	ggaggagaac	acgaggcagg	aacggattct			300

<210> 139  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 139								
aaaagatgag	tgattttgtg	tgggaaaagc	cttcccaggc	gtctgtaccg	aaaggagcag			60
caaacaaggg	gctaattccat	gagcagtgtt	ctgtaggctc	tgtgacatct	ttggtttata			120
ggattttgga	gccttttatg	atctggaact	atttgagggg	tttcattata	ggccttggtt			180
ctctccaggg	gccagatgag	tttattgtgg	aatctttgaa	aggacaaggc	ctctgtgaat			240
gaatcagtcc	cagggaagca	tttggtgggtg	gcggcagtg	aggattgccc	ggtgaaccta			300

<210> 140  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 140								
ctgctccgag	tcaggcgctg	taaaaggcat	tttaccatag	ttacaaccgt	gctctgaggt			60
gggtgttgct	ttcttttgcc	cgaaaaggaa	acagagaggt	taagaactcc	cccagagcca			120
catggacaga	gctgggatcg	aaccgaggct	ccaagtccca	gtgttctttc	cagtacctca			180
tgcatagacc	agccttttcc	tcatcaggca	gatcctgcag	aactggcacc	tgggttgcc			240
tcagtggcct	ctctgacgcc	ccgcctgtgt	ggacctctcc	acccctgccc	ttggcagcag			300

<210> 141  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 141

gccacattct	gaggaacatg	t	ttctg	ggagggctaa	ggcatcaagt	a	ctgtg	60
gggctggagg	atcccaggca	agg	ggggca	atccagagcc	atgggggctt	cc	ttgggaa	120
ttgggaggtc	ccaaggcaga	gtcagaggtt	ccacaggagg	agtcagagag	tcaccaaggg			180
ctctcctggc	ccagggagca	gtcaacacca	tggactgaac	acttgctggg	ctccaaccct			240
tgggccaggc	tgcccatgtg	gggccaggag	gcagctcaga	gtgggaggca	gagagagaag			300

<210> 142

<211> 300

<212> DNA

<213> Homo sapiens

<400> 142

ggagtgtgtt	cctcttgacc	ctggggctgc	atctcctcgt	tggtgacttc	ctgggggttca	60
gaccctgcc	cctcctccat	tttggggagc	aagatctcat	ctgtctctgg	gacaggagga	120
cctgggttct	gcactggtga	ggctgagtgt	ggggagcagg	ctctgagccc	ccagctcccc	180
gtgtcccctg	ctccccaggt	gtacagtgcc	accaacgtgg	agctggtgac	acgcacacgc	240
acggagcacc	tctctgatca	ggacaagtcg	aggagcaaag	cggggaagac	tccattccag	300

<210> 143

<211> 300

<212> DNA

<213> Homo sapiens

<400> 143

caagcgccca	tggagctgcc	cctggagcag	gtgccccac	cgagagtgat	ggaaaagccc	60
gtcctcgcca	cctccaggca	tggccagcag	cgagcggctg	gctctgcagg	agaagtgctg	120
ggctctgagct	ccgtcacggc	cgctcccag	agcccgaggt	ccaagcccaa	cacgacttgg	180
aataaatgat	caagttatga	attaaacaca	agagaaatgt	aattaccaca	ggagccagct	240
gagaataaaa	tggattacgc	acatcacagt	cattaaacgg	tgatcacatg	cgcctttcta	300

<210> 144

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 144

gccctgccca	acctgctcca	gggaccagtg	gtcttgggaa	gcttgggctg	actgggattg	60
cagactccgg	gtctggtgta	tagggccctt	ggcaaatccc	tattcctttc	tgggcctcct	120
tgaagagaca	gtgggctgag	cttctaggct	ccctttgatt	cttctgtgtg	tggcccagaa	180
tgggacagac	agactgagct	gggcacagaa	ataccatagt	gacagaacca	ttcgaagacc	240
ctgcctgat	ggaggccccg	ggccagggga	ggaggcnnnn	nnnggctgtc	natctgaa	298

<210> 145

<211> 300

<212> DNA

<213> Homo sapiens

<400> 145

gcgacacttc	cgctgcacg	agttcttccg	gggcggaggt	caccatggca	gctgccttgg	60
ctcggttgg	tctgcggcct	gtcaaacagg	ttcggttca	gttctgtccc	ttcgagaaaa	120
acgtggaatc	gacgaggtac	gaaggggaag	tgggtagaag	cggaagtgg	tgcgccttcc	180
ttcagccggg	gctttaagcc	ctcagcttgg	cgctcctctg	ttttccacc	gtaggacctt	240

cctgcagacg gtgagcagtg a ggtccg ctccactaat ctcaactgct c attgc 300

<210> 146

<211> 300

<212> DNA

<213> Homo sapiens

<400> 146

aattgatgag	ccttattaac	tatcttttca	ttatgagaca	aaggttctga	ttatgcctac	60
tggttgaaat	ttttgaatct	agtcaagaag	gaaaatttga	tgaggaagga	aggaatggat	120
atcttcagaa	gggcttcgcc	taagctggaa	catggataga	ttccattcta	acataaagat	180
ctttaagttc	aaatatagat	gagttgactg	gtagatttgg	tggtagtgtc	tttctcgga	240
tataagaagc	aaaatcaact	gctacaagta	aagaggggat	ggggaagggt	ttgcacattt	300

<210> 147

<211> 300

<212> DNA

<213> Homo sapiens

<400> 147

tggtcttgta	gtgtttgttg	ctattgttag	aaagattatt	agtgatatgt	ggggtgtctt	60
agctaaacaa	cagacacatg	taagaaaaca	ccagtttgat	catggagagc	tggtttacca	120
tgcatgtcaa	ttgttagcat	atacagccct	tggtatttta	attatgagac	taaaactctt	180
cttgacacca	cacatgtgtg	ttatggcatc	actgatctgc	tcaagacagc	tatttggtatg	240
gctcttttgc	aaagtacatc	ctggtgctat	tgtgtttgct	atattagcag	caatgtcaat	300

<210> 148

<211> 300

<212> DNA

<213> Homo sapiens

<400> 148

attttgccat	gtggcagttg	gtttgtggag	ttgggcaggt	gtgaaagggg	aaaactccac	60
ttctgaatgc	tgcttctgcc	ccctgggacc	cagcacattg	ttagaccatc	ttcttgactg	120
aaaattctct	cctgatgctg	agccctgcac	caccaccttc	cttttcctaa	ctatgaattg	180
atggcaaagt	ccactcaaaa	caaccagtta	agtgtctcag	agagagtagt	caagcacctc	240
cagaaagaaa	ccgggttttt	gttcacatag	caggaagtga	ctccctgggt	ggtaatttat	300

<210> 149

<211> 300

<212> DNA

<213> Homo sapiens

<400> 149

ttcaccaata	gaacatgtca	cacacgaact	ggaaactgat	tctgtgggag	acaagagtct	60
atagtaaacy	ttatgacaga	ttctttgaat	gcgctaactc	cagactggac	taaagttggg	120
attaaattta	atttgactct	gagttcagtg	cattgctgtt	ctgggcatag	gaaatccagg	180
ttgctggtga	tgaacagctg	aaaagagctg	tgtcaccatg	gttgtctctg	tcagtcatgt	240
gaccaccctt	acccttgtaa	aatcaagcaa	gggagagatt	attttcta	gtaaagaaaa	300

<210> 150

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 150

gcaggagaat	cacttgaacc	ctggaggtgg	cggttgcagt	gagcacagat	catgccactg	60
cactccagcc	tgggcaacaa	aacgagactt	cgtctcaaaa	aaaaaaannn	nnnnnnnnnn	120
atcctttggn	cgggttctcc	caaattnttt	tgaggggncc	atggncacn	gcttnagctt	180
tgttttggca	accccntgcc	cnaagncgca	tataggctgt	tcttnacctt	gtttccaagg	240
ctgaggaaca	naaagtancc	tntgttttga	ggaggnggaa	gttaagtatn	cnttaatttt	300

<210> 151

<211> 300

<212> DNA

<213> Homo sapiens

<400> 151

agaaattaag	gcctctgggt	tcaatttttg	gccccagtgt	tgacctctgt	gtaagcctgg	60
caggatgtct	catttctggg	tcaccttttc	cttgccaaca	tagtgaggta	tgtagaccac	120
atcattgcta	agagccttct	aactcctaag	acactagggt	tagtcagcca	aaagcatgtg	180
attttccag	atttccaaa	ctccttgtaa	cctaattgaa	agtacacaat	gaacttgcaa	240
gaatttaagc	atccttagat	gccagtcttc	actttgggta	ttttccagcc	tcctcagtga	300

<210> 152

<211> 300

<212> DNA

<213> Homo sapiens

<400> 152

gcaaaataaa	tcatacagcag	ttggggccacc	tgaaaaagtg	agacggttta	ctctggatag	60
acttaagcaa	ctgggagtag	atgtttccat	taaaccacgg	ctaggtgctg	atgaagattc	120
ctttgtgata	cttgaacctg	aaaccaacag	agaactggaa	gccttgaagc	agcgtttctg	180
gaagcatgct	aatccagcag	ccaaaccag	ggctgggtcag	acagtgaatg	tgaacgtcat	240
agtgaagac	atgggcactg	atggaaagga	agagctaaaa	gcagatgtgg	tacctgtgac	300

<210> 153

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 153

gagcttcgga	agctgccagt	gccacaggga	cccaaccccg	tggtgggtgg	gctgcagcag	60
gtcttccagc	ttatccagaa	ggtgctgagc	aaatgggtga	atgatgccca	ggttgnnnnn	120
nnggtgtgct	ctatctttga	taagtttgnt	nntanactgc	tgnatgactt	tnanntcatg	180
gtgcanaaat	gtgaaagatg	ctttgccaaa	tatgntaaat	antgcttggg	gccttggtnt	240
gaattttcnt	caatntnncc	atanatgatg	natctttann	gntcacccta	ttc	293

<210> 154

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 154  
 tatcagacaa tattttatta ttttttcata gatgttctgc cacacaaaga acttgggggtg 60  
 taaggataag gcaaaagctc caatcccatt attcagttct cctaggatgc acccctcagg 120  
 gagcctggcc agagttccga ggccnnnnnn nnnnnntgn cncntgntcn acnntgnnng 180  
 gctncggcgc aggcnnngct gagnantncc atgangctga tagnannctg antctgccgg 240  
 ngaacngtna gganagagac nttactcgga 270

<210> 155  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 155  
 ctgcccgggtg gagcggggtgc ttctcacctt ctgcaaccag tatggtgccc gcctctccct 60  
 gcgccagcca ggcttggtcg aggcgtgtgtg tgtgaagttc ctggaggatg ccctggggca 120  
 gaagctgccc agaaggcccc agccagggcc tggagagcag ctcacagtct tccagttctg 180  
 gagttttgtg gaaaccttgg acagcccccac catggaggcc tacgtgactg agaccgctga 240  
 ggaggtgcta ctggtgcgga atctgaactc ggatgatcag gctgttgtgc tgaaggccct 300

<210> 156  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 156  
 ttgattaaaa acngcctcct taacctctga agactgattt tgctttatca tgtttcaata 60  
 ataacatttc agaggttact ctgtagcccc agttgtaagc ttataaaaaa aaactggaag 120  
 gctgaggagg ttatgggctg gcagccaggc tatgtttaca gctgctggag atggcagtag 180  
 ccttatactt tgagcaggta gtacatccca ggctgtgcta gaggtagatt tgttttttca 240  
 cgtttgatct gtggctggtg gccaccttg ttgatttggg cttacgagtt tcatagtagc 300

<210> 157  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 157  
 gttggcttgg tgtggatgca ggttgctctc aaggaggatc tggatgccct caaggaaaaa 60  
 tttcgaacaa tggaatctaa tcagaaaagc tcattccaag aaatcccca aactaatgaa 120  
 gaactactca gcaagcaaaa acaacttgag aagattgaat ctggagagat gggtttgaac 180  
 aaagtctgga taaacatcac agaaatgaat aagcagattt ctctgttgac ttctgcagtg 240  
 aaccacctca aagccaatgt taagtcagct gcagacttga ttagcctgcc taccactgta 300

<210> 158  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 158  
 ggtgtccaca ctgaagggcc agctgcagca ggagcttcga aggagctcag cacccttctc 60  
 cccaccctcc ggccccccag agaaatgagc tectgtctggc atctggagaa caccctgtgt 120  
 cctgggacag gggaggaccc ttcttttggg cagccccccc ccagagcccc gtcccttggn 180  
 nnnnntaagc tgnnnnnnca ctgggagact ntgntantga aatnctnntc ctnggctaata 240  
 ttantentan ncgngnggtn tcttnectgn nnccaagnca ncnatgcat gtttt 295

<210> 159  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 159  
 aagcccgcca cccactgtgg gactttctgg tgggctcctc agctcccacc ccaggctggg 60  
 gccagattg tgaggtctgt gtgcatgtgt gtgtgtatgt gtgtgtgcat gcgtgtgtgt 120  
 gttgtgggga tctggcctgg cccttgggga tggggctgct ggggactgcc ccccttcccc 180  
 ccgtggccag gcgctctgtg tgctgtgtgt gccccaggct ctgttgacct cgtccaggaa 240  
 ctaacttacc cagcttggtc tctcctgagt cctccaccct ggctggggat tggccaggga 300

<210> 160  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 160  
 tgccctcagg cagccaaagc actttaaccc ctgcataggg agcagagggc ggtacggctt 60  
 ctggattgtt tcaactgtgat tcttaggttt ttctgatgcc acgcagtgtg tgcttttgtg 120  
 tatggaagca agtgtgggat gggctcttgc ctttctgggt agggagctgt ctaatccaag 180  
 tcccaggctt ttggcagctt ctctgcaacc caccgtgggt cctgggtggg agtggggagg 240  
 gtcaggttgg ggaaagatgg ggtagagtgt agatggcttg gttccagagg tgagggggcc 300

<210> 161  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 161  
 cccagctgga cctgggtggc ctttcctagt gcctctgctg ggggaggaga gcctgtgtgc 60  
 acgtggaggc taggaggtct cagggtctgc cctggcagca ccagagtgtg ggccggggcc 120  
 gagtgtctgc ccctcgccc tcagggtggg gcacttagca ccagaaggg accaaaagca 180  
 gggcatggcg gtgcagagga gtttgggagg tgtaaacagc cccatgcacg tggaggagga 240  
 gctggctttc agccccagac cccacgctag cactttccac gctgcttgcc cgctgatgat 300

<210> 162  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 162  
 gtccttgtcc agcctccaag acccacaagt cccttctctt gggaagcccc cctggcctgg 60  
 aggtgcacca ggaagaagt gtctggggct ggactaagc catggcccag ggaagactgg 120  
 gggaccact aggccaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180

cagcccgagg	cggagaacac	c	accca	gtgaaggtga	ggggatcagc	a	ggcggc	240
cacccacgca	cccacgcgct	gg	tgagac	tcagccacaa	ggaggtgcga	ag	ctgacc	300

<210> 163  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 163								
ctgacggagg	ctttgctggc	tgtggtgatg	gggattgagt	tgggggcaag	ggtcacctgcc		60	
tagactgttg	acgtccccctg	ggaaggggac	ccaaggatga	attggctgtg	aaggatcctc		120	
cctgagactg	gcaagggagg	aggctgagca	gaaggagtca	tcattggagga	gcggtgagaa		180	
catggaaccg	gactccaaga	tgacgatcta	aagacccggg	agcgagaagc	caaggccagg		240	
ttctgggtgt	agggcccaga	gaagcagaac	agcccagagc	cccaggtgcc	tggcctggcc		300	

<210> 164  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 164								
aggcagcagg	tgaagaggca	gggcccctga	cggaggcttt	gctggctgtg	gtgatgggga		60	
ttgagttggg	ggcaaggggc	cctgcctaga	ctgttgacgt	cccctgggaa	ggggacccaa		120	
ggatgaattg	gctgtgaagg	atcctccctg	agactggcaa	gggaggaggc	tgagcagaag		180	
gagtcacat	ggaggagcgg	tgagaacatg	gaaccggact	ccaagatgac	gatctaaaga		240	
cccgggagcg	agaaagccaa	ggccagggttc	tgggtgtagg	gccagagaa	gcagaacagc		300	

<210> 165  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 165								
agacaaagaa	aaggtggcaa	tcataagaaga	gttagtagta	ggttatgaaa	cctctctaaa		60	
aagctgccgg	ttatttaacc	ccaatgatga	tggaaaggag	gaaccaccaa	ccacattact		120	
ttgggtccag	tactacttgg	cacaacatta	tgacaaaatt	ggtcagccat	ctattgcttt		180	
ggagtacata	aatactgcta	ttgaaagtac	acctacatta	atagaactct	ttctcgtgaa		240	
agctaaaatc	tataagcatg	ctggaaatat	taaagaagct	gcaaggtgga	tggatgaggc		300	

<210> 166  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 166								
cttgacttcc	aactgcccct	gagatttgac	ctccagtata	aggggcaggc	gggtgccctg		60	
gagcgtccag	tcctcattca	ccgagcagtg	ctcggttctg	tggaaagact	gttgggagtg		120	
ctggcagaaa	gctgcggggg	gaaatggcca	ctgtggctgt	ccccgttcca	ggtgggtggc		180	
atccctgnnn	nnnnnnnnna	agaggaatac	gccaaagagg	ctcagcanat	gcctgcgggc		240	
tgcaggactg	gncantgacc	tggatgctnt	antctggact	gaccc			286	

<210> 167

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 167  
 ggattctttc actgagcaca aagagttggt ggggcttttag catctgactg attttttttac 60  
 ggggttgatt ctgaccatag gaagtatgca atgtgaatca ctatttacag agaaacctac 120  
 aacagatgct tgatgttgta gaaactggga catatagata ccaagcaaaa ttataagaaa 180  
 cctataaggt gttcaatacg cttgtgtttc caaaattcac tgtacatgat cagtttggtg 240  
 ttcttgtacc acagttttta actgaaggaa ccagttgtaa cagtctcaat tttaactaaa 300

<210> 168  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 168  
 caaggctgca gtaagctacg atcacaccac tgcactctgg cctgcatgca ctctggcctg 60  
 catggcagaa caagaccctg tctctaaaaa aagagaaaga aatcaaaacta atcatgctgc 120  
 tcatggattt ttccaataaa tttcttgttt tggcaggaag aaatgaacac tgggtattaga 180  
 cttaaagatt aaatttcctc aaacatgtcc tatctgtagt agttcaacta gacacctttt 240  
 aaagtgcctc taaattcatc agatggccaa actgtattta taatccactt aggcattttg 300

<210> 169  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 169  
 gcaagccagg agtgctggca caggcctgtg gtcgcagcta ctcgaggaggc tgaggccgga 60  
 ggatcgcttg agcccaggag gtcaaggcta cagtgaagccg tgatcatgcc actgcactcc 120  
 agcctgggtg acagagcgag accctgtctc ttaacaacaa aaccatgag cggcagcccc 180  
 ccagtcctgg atggttgtaa agaatcctca agatcaaacc cacgcagtgc tgagagcttg 240  
 gcctgattct agggctgggg ctggagaaac tgctagagat gatgccgata gccagtgtga 300

<210> 170  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 170  
 caagagagag tgatagaatt ggcagtgaat tatacgaacc accctcctgc cctctggggtt 60  
 cacaatacgt gtacacttga ctgtgaagtg gctgtgagag tgggtggaga gttcttcttt 120  
 gaccctcagc ctgctggatgc ctctagaacac ctctgttga ttgcaggagg agtcggaatt 180  
 aaccctctgc tttccatcct gcggcacgca gcagatctcc tcagagagca ggcaaacaaa 240  
 agaaatggat atgagatagg aacaataaaa ctattctaca gtgcacaaaaa taccagcgaa 300

<210> 171  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G



<400> 171  
 tttgcagccc cccctaggtg gacccnttaa ngatttggnt tttccctgg gcccaccaacc 60  
 tgccccanag gcncagacc tgggntttca gctttgggnc caggctgccc aaaggnactc 120  
 cnttatacnc ccggncctt nncgaaana nggncttnc caagcaagcc cctangattt 180  
 gtccctatan anggaaangt gtggcangcn catgagttna aattntttta ngcnattctt 240  
 ataatacaaaa tctgaaggga aaaaaatgtt ttagttcttt cccactcgt tgggttcaac 300

<210> 172  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 172  
 cctagtccca gagtcctgga gcggcatact gggggtggct gtgcagtccc agcatcccca 60  
 acccagcatg tatagagagc atccatcctt acatccagct gacctatgcc catgtctctc 120  
 cctgtggctg gaggttcaac aataacataa gtctcttctt tgccctccag atatttctcc 180  
 ctcgagtggc tgggaaactt ggcaagagac cagaggaccc aaatgcagac ccttcaagtg 240  
 aggccaaggc aatggctgtg ccctatcttc tgagaagaaa gttcagtaat tccctgaaaa 300

<210> 173  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 173  
 cgtgctaattg gaaaaattgt tagtaaaaat aggttcatgc agtcttattg atcatgcttg 60  
 taattctgaa gattccactt gtactttttg taaccatatt tctcttctct tccattctct 120  
 agttgtgaga aaaccagtt gtccaataat tgtcaagctt tctcggcct taggggaatga 180  
 gcactcaaga cctttctggg ccaagtgtgg tcgccgactc ctgtaatcct agcactttgg 240  
 gaggccgagg agggagagct gcttgagcct aggagttcaa gactagcctg agcaacagca 300

<210> 174  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 174  
 ggaaagagaa gcatgcaaca attagatccc tcaccagctc gaaaactgtt gaagcttcag 60  
 ctacagaacc cacctgccat acatggatct ggatctggat cttgtcagtg actttatgag 120  
 agtttctgcc acaagggtgcc caagaggaga ggaatgggaa gagggtccca gcacgtggtg 180  
 actgcgtgat ttctgctcgt tgcccttgaa gataactggc aggactgact gtagaacact 240  
 ttgacttttt tcaaaaagtg atggaatttg tacatccaaa tgaatattgt atagacaatt 300

<210> 175  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 175  
 ctggaaacca tttaccagaa agtgacgggc aaggagctga gatacgaggg cctgatgggc 60  
 aaaccagca tctcactta ccagtatgcc gaggacctga tcaggcgaca ggcggagagg 120  
 cggggtggtg ccgccccat ccggaagctc tatgtctgtg gtgataaacc tatgtctgac 180  
 gtatacggcg ccaacctgtt ccaccagtac ctgcagaagg caacgcagta tggggcgcca 240  
 gaactagggg ccggggggcac acggcagcaa cagccctcag caagccagag ctgcatctcc 300

<210> 176  
 <211> 300

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 176  
 cgaaagccca tttcaagctt tgtgctgcct cttgatctac ctctttgtcc aggtggnnngc 60  
 gctttgcctg gaggatttgc atgcgtttat tgcgcaggcc ttgtgcctcc aaggaaaatc 120  
 cacctcgcag cttgtaaatc tacagcctga ttacatcaac cccagagccg tgcagctggg 180  
 ctcccttctc gtccgcggcc tcaccactct ggttttagtc aacagcgcat gtggcttccc 240  
 ctggaagacg agtgatttca tgccctggaa tgtatttgac gggaagcttt ttcacagaa 300

<210> 177  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 177  
 accctctctg gccacatgga ggcagtttcc tcagttctgt ggtcagatgc tgaagaaatc 60  
 tgcagtgcac cttgggacca tacaattaga gtgtgggatg ttgagtctgg cagtcttaag 120  
 tcaactttga caggaaataa agtgtttaac tgtatttcct attctccact ttgtaaacgt 180  
 ttagcatctg gaagcacaga taggcataac agactgtggg atccccgaac taaagatggg 240  
 tctttggtgt cgctgtccct aacgtcacat actgggtggg tgacatcagt aaaatggtct 300

<210> 178  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 178  
 actgtcctt cattcccaag aagaaaagac aagtactgct acttccaaaa ctcagacacg 60  
 acttgaagggt gaagtgactc ctaattcctt gtcaaccagc tacaagacag tgtcattgcc 120  
 attaagctct ccaaacataa agctgaatct cactagccct aaaagggggtc agaaaagaga 180  
 agaaggggtg aaggaagttg tacgaagggtc aaagaaattg tctgttccag cctcagtggt 240  
 gtcggaggat aatgggaaga ggaggatgcn ncatcnctgc nntacaggat gttactgg 298

<210> 179  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 179  
 gcaaggttgt gacattgtca cttttttgtt ctagactctt ttaaattttc tgcatttgcc 60  
 tgaaaagcac ccctgtaaga atagatttct catggctcta aaaattattc ccaagaatac 120  
 cttacttggt tcaaaagcag actgtttctc ttcatttcat ctcaaatacag acttctgggc 180  
 aagatgttct ttagagtaag caaacctaca acctaaaaat ctcttcaaga ggcattctctg 240  
 gtcttgtgac aagacctctt caaaaaccca cagtaaaact cccctccctc cagttggcca 300

<210> 180

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 180  
 attacttaga agcttataac gaaagctaaa aagcaatttt aatagggttca gtaaagccaa 60  
 ctaccacata gattttactt aatatgtata agaatacaag ataaaagatc tttagacact 120  
 ttacaaaact gccaaacttg ctaaagaaga tgaacctgat aaacagccac aggtacacag 180  
 cctgtacact gaaatgtacg tgggaaagca cagtgcaga atttcttgag ctgtcctgag 240  
 ggttatgtta accagagctt ctcaacctca ctacatattc aaatggcccg ggagcttttc 300

<210> 181  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 181  
 cttctaaatg tctctctccc cacttgtttt attattactg tttttttctc tctttaatgt 60  
 ttttttttat agagacatgg tctcactatg ttgcctgggc tgatctcaga ctccctgggct 120  
 caagtgatec tctgacctca gcctcccaaa gtgctgggat tataggcgtg agccattgag 180  
 cctggctctg ttactggttt tctaacctga gttacttagg atcatatttt cattcttttt 240  
 taaaaagatg ggagttttct gaacttttcc ttaactaaaa agttggaatg catcttaata 300

<210> 182  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 182  
 gtacggtttt gttgaaccat atcctgacaa cacagatgac acagctgaca ttcagatggg 60  
 gacagttcgt gaggcagcat tacaggaac aaaaactgaa gctgaaaggc acctagtgtg 120  
 cgagcgctgg gatttcctat gcaaactgga gatggtaggg gaagagggag cctttgtgat 180  
 agggannnnn nnnngctgac tgaagaggag ctgaccacca cactaaaggc actgtgcatg 240  
 cctgctgagg agttcagaga gcttaaagac caggatggag ggggagatga taaaagggaa 300

<210> 183  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 183  
 gtctaatttt ttccattttt ctctcctctt tctcaagtct tctttttgat tttacttttg 60  
 cttttcctgc agttccttct ttatcatgta tgtgcttttt ggaactcttt ctgtcagtgg 120  
 taaagtctgt agagtttcca gactgaagac tcagctctaa gcaaggtttc acttgcgctt 180  
 caagattttc ctgatacaaa gacttttcca tgtaactttc atcactnnnn nnnnnngntn 240  
 tgtaaactct tttgattntt gattnttccc ancatataaa nnntctntan nncctcct 298

<210> 184  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 184  
 gaacagacaa gttctgtccc agcctctgct acctctaacc ccatggcatt ctatcctttt 60  
 ctacactggg cttccatttc ttaccccaac aatgatctgt tcttccaggt gctgtcattt 120  
 aatttccag acacttgacc tccttctgat ttgtgtactc cctccaaggc tgagttgcag 180  
 tgagtgcacaa taatctgtgc taattactta tcttgccaga agactcaaag ggtttatggc 240  
 ttttactaac tgaactctat gctagatggt agggataaat ggtaacagg acacagttct 300

<210> 185  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 185  
 aaggccttag gctttttttt tgtaggggtga gagtggggga gagatctctt gctctgttgc 60  
 ccaggctggt ctccagctcc tggcctccgg cagtcctccc acctcagcct cccagagtac 120  
 taggattatg ggcattgagcc accacaccta gccaggcttt ttatattgag ttgggtatat 180  
 atgcttcata gccacacttt ataattattgg agtatagtat taaattacag cttgttgtca 240  
 agtcagtgtt tctgtaagac agtatatcca atattgggtta gagtaacacc tatttggtga 300

<210> 186  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 186  
 aaaactttta gaaaaccaat gtttggggcc aagcaatggg gagcttggcc gacctcattt 60  
 ttttagtgat tttgaactca atctttaaaa tcctggaaga gaaggaaaaa aagggtgtat 120  
 attcgtgtaa tgacatccag atctcactgt tctcttggct cctagtgatg ggggaaaaaa 180  
 ggtgcgcca ggggtgaccc ttcagtaaca cctgcagcca tgcattcatga cctccagggtg 240  
 ttcagaggcc ctgcccattgt gacacgtgcc tgggtacttcc catacatgtg cctctttaat 300

<210> 187  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G.

<400> 187  
 aannatnnna tatnttannn aacnnnaacn naccnannnn nnntanngaa nntaanaatn 60  
 aangnacnnt aangannnnn nntgaanacn tncannnaan tcnctaaaaa ngnggtanat 120  
 gacttccctt gctccgcatt ttgtaaaatg gcccttgggg gagtggtttt gctggatctg 180  
 ctccctctcg ctctctcact ccactacttt ttggaacaaa gtgatggcag aatgcgggtg 240  
 tgggtgggggt cttttgtact gttggattaa taaaa 275

<210> 188  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 188  
cctcctgtcg gggaggcaag gtggttttgg accagacagg cgtgtctaag ggttatggtt 60  
ttgtgaaatt cacagatgaa ctggaacaga agcgagccct gacggagtgc cagggagcag 120  
tgggactggg gtctaagcct gtgcggctga gcgtggcaat ccctaaagcg agccgtgtaa 180  
agccagtgga atatatgcag atgtacagtt atagctacaa ccagtattat cagcagtacc 240  
agaactacta tgctcagtgg ggctatgacc agaacacagg cagctacagc tacagttacc 300

<210> 189  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 189  
gaacaagcac agcccaagcc agatgtacag cacacacagc atcccatggt ggccaaagac 60  
aggcagcttc ctaccttaat ggcacagccc ccgcaaactg tagtacaggt gcttgacgtg 120  
aaaaccacgc agcagctccc taaactgcag caggctccga accaaccaaa aatctacgtg 180  
caaccccaaa cccccagag ccaaattgtcg ctcccagctt cttcagagaa acagacggca 240  
agccaggtgg agcagccaat tataacccaa ggatcctctg ttacaaagat aacttttgag 300

<210> 190  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 190  
cgaaagccca tttcaagctt tgtgctgcct cttgatctac ctctttgtcc aggtggatac 60  
gctttgcctg gaggatttgc atgcgtttat tgcgcaggcc ttgtgcctcc aaggaaaatc 120  
cacctcgcag cttgtaaate tacagcctga ttacatcaac ccagagccg tgcagctggg 180  
ctcccttctc gtccgcggcc tcaccactct ggttttagtc aacagcgcag gtggcttccc 240  
ctggaagacg agtgatttca tgccctggaa tgtatttgac gggaagcttt ttcacagaa 300

<210> 191  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 191  
gaggatctgc cttctgagga agtggatcaa gagctgattg aagacagtca gtgggaagaa 60  
atactgaagc aaccatgccc atcgcagtac agtgctatta aagaagaaga tctcgtggtc 120  
tggttgatc ctctggatgg aaccaaggaa tataccgaag gtcttcttga caatgtaaca 180  
gttcttattg gaattgctta tgaaggaaaa gccatagcag gagttattaa ccagccatat 240  
tacaactatg aggcaggacc agatgctgtg ttggggagga caatctgggg agtttttaggt 300

<210> 192  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 192  
gatctgcctt ctgaggaagt ggatcaagag ctgattgaag acagtcagtg ggaagaaata 60  
ctgaagcaac catgccatc gcagtacagt gctattaaag aagaagatct cgtggctctgg 120  
gttgatctc tggatggaac caaggaatat accgaaggtc ttcttgacaa tgtaacagtt 180  
cttattggaa ttgcttatga aggaaaagcc atagcaggag ttattaacca gccatatatc 240  
aactatgagg caggaccaga tgctgtgttg gggaggacaa tctggggagt tttaggttta 300

<210> 193  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 193

ggctctgacc	ctgcaggact	gggcagccca	gcggtgcacc	atctcctacc	gagccccaga	60
gctcttctct	gtgcagagtc	actgtgtcat	cgatgagcgg	actgatgtct	ggtccctagg	120
ctgcgtgcta	tatgccatga	tgtttgggga	aggcccttat	gacatgggtg	tccaaaaggg	180
tgacagtgtg	gcccttgctg	tgcagaacca	actcagcatc	ccacaaagcc	ccaggcattc	240
ttcagcattg	cggcagctcc	tgaactcgat	gatgaccgtg	gacccgcatc	agcgtcctca	300

<210> 194

<211> 300

<212> DNA

<213> Homo sapiens

<400> 194

gaagaatact	gtgaattcta	tgactttatc	aaaatccagc	cacatccagg	agcttgagct	60
tgttgaccaa	atgaatgatg	acatagagta	gttcagatct	atcatgtgct	cttctatcta	120
atcagtcaat	atttccttgg	ccctcaagcc	aacattcatt	ttttatgtat	aaccttcttc	180
atgattttga	aattttgata	gggtaactgc	taatgagttc	acaaatgtag	cactttaaaa	240
ggaaaataaa	tggagagtga	aaacaacttg	gctacgtata	attgtggggt	ttaatttttc	300

<210> 195

<211> 300

<212> DNA

<213> Homo sapiens

<400> 195

gttgagcaat	atgaatataa	tgccaagtac	tgataaaaata	cggaattcat	ttagaatcaa	60
cataggtaga	cagactgttt	ttagtaaggt	tttgtttttt	ggtgaatacc	atgtttgggc	120
tgtcagactt	acttttcccc	tgagatccat	attttgtaca	tgacatacca	gatatatgca	180
atatgaaacg	gaaacagttt	ttcaatctaa	tatccaggag	tttgtgttaa	tatcttgtga	240
acttgtggct	cttgggtatct	ggcattgata	aggctgtcta	ctaatacctag	agaaagggaa	300

<210> 196

<211> 300

<212> DNA

<213> Homo sapiens

<400> 196

ttgagaacct	gcctctatcc	cagaatgtgc	tggagatttg	acactcaa	cagtgtttag	60
tcttctgctt	ggcaccatag	cttaacctgc	agtttcttca	aaatgcccaa	tgcttgtttt	120
cctattacct	tagattgcaa	accagtctag	ggaagtctat	gagaaagtag	catttaatta	180
aagtttaaaa	aaaaaaaggt	tgggcgttgt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggctgaggc	gggtggatca	ctaggtcagg	agttcaagac	cagcctggcc	aacatggtga	300

<210> 197

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 197

ctaaaggcag	cccccaagtc	caaaagct	gactccccta	gcatcgacta	caaaagctg	60
ctgcagcact	ttgagaaggt	ccagaacaag	cacctggaag	tgccggacca	gcggagcggg	120
cgtggggacc	acctggaccg	gaggggttgc	ctctgacagg	cctggcacgg	aggagggccn	180
anncgannng	ntncatgant	nnttnntgnt	gnnngcnntn	cngatgannn	nntngganna	240
ngnngntnnn	actngntggn	nctg				264

<210> 198  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 198						
cactcatttg	gaagagtgag	ttttgtgagc	acaaagtatt	aagggccaag	actggggctg	60
cacatgagca	attatggggg	ggagttgaga	aaaaaaagt	tagcctgatg	gaggtctctg	120
gaatagaaca	agccttgccc	atgcaggctt	ccgagcagcc	ctgggtgggg	ttgtggggag	180
gccccagcg	gcttgtggca	gccttcagct	ctgcaggagc	ccgtgggggc	tagagtcacc	240
gccctctgtg	aactggaagc	tgctctaata	ctgtgcacgt	tttgatgtca	caactatatt	300

<210> 199  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 199						
cctagaattt	gtggagctgg	gttgtatcat	aggaaatgca	agctgtgctg	gtgttcacag	60
ctagagagga	gaatgggttg	atgtgcacct	ggctctgcag	gaagcccatc	tcagggtatt	120
gctgaggata	agaagctggc	actggaatgg	ttggaaaggc	tgtaagagct	ccacatgcca	180
cctggccctt	tttgggtatg	tggtgcccag	acctgagctg	ctatttagtc	tgacaaagat	240
agagggattt	tttttcttcc	ccctttgggc	aacctgcccc	tgtattgtac	agaggaaggc	300

<210> 200  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 200						
gagaggttca	cagccacca	gaagaagttt	gcgtgaagtt	ctccaggact	atggaaacct	60
tacaggatac	tgacttagaa	cctctgttgg	aatgtggctg	agtcaaagcc	tcctgttggt	120
gttaggggta	tctacagtaa	ggagatgata	cttcaggaga	ttatatttca	ctcaatgac	180
ttttctcatt	tcagggtctt	tctcaaataa	gctaaaagaa	aaaggatcag	gagacaggaa	240
aagtcttccg	ttttgagtca	tgagttaggg	aatagacaag	gttctcttca	aaaccatcat	300

<210> 201  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 201						
gcctggaccg	ctcattcgga	ctcgtcgggc	agagcttttg	tgctgccttg	caccaggaac	60
tcagagaata	ctatcgattg	ctctctgttt	tacattctca	gctacaacta	gaggatgacc	120
agggtgtgaa	tttgggactt	gagagtagtt	taacacttcg	gcgcctcctg	gtttggacct	180
atgatcccaa	aatacgactg	aagacccttg	cggccctagt	ggaccactgc	caaggaagga	240
aaggaggtga	gctggcctca	gctgtccacg	cctacacaaa	aacaggagac	ccgtacatgc	300

<210> 202  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 202

aaatatgcta	cttagaaatt	aaggcctctg	ggttcaattt	ttggccccag	tggtgacctc	60
tgtgtaagcc	tggcaggatg	tctcatttct	gggtcacctt	ttccttgcca	acatagttag	120
gtatgtagac	caaatacattg	ctaagagcct	tctaacttta	agactctagg	tttagtcagc	180
caaaagcatg	tgattttccc	agatttccca	aactccttgt	acctaattga	aagtacacaa	240
tgaacttgca	agaatttaag	catccttaga	tgccagtctt	cactttgggt	attttcctgc	300

<210> 203

<211> 300

<212> DNA

<213> Homo sapiens

<400> 203

aattagtgga	gtgatctctg	aagacctagg	gctatgatct	ggagctgctg	tggtgaaat	60
ttggggcctc	tgaagtggca	tggagattga	ggccagaga	gcctgagatc	ttgagggctg	120
acatttgag	agatggggtc	gagggttgtc	tttgggcctt	gactgctttg	ggcctttctc	180
actctcattc	ccgggatgct	ttgccagaat	ctctgctgga	ttggccgtaa	ccctgtcccc	240
gagcgggctc	acaggggtctg	aaggccacgc	atgaggcaaa	ggtaaagttc	tgagccaccc	300

<210> 204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 204

cccgataaa	atatcaatta	tgaagaggat	atctgaatat	gcagctgaca	ttttctatag	60
tagatatgga	ggaggtccaa	gactaactgt	gaaagccctg	tgtaaggaat	gtgtagtaga	120
acgttgctgc	atattgcgtc	tgaagaacca	actaaatgaa	gattataaaa	ctgttaataa	180
tctgctgaaa	gcagcagtaa	agggcgatgg	atcttggttg	gggaagtcct	ccttgcgagg	240
ttggcgccag	ctagctcttg	aacagctgga	tgagcaagat	ggtgatgcag	aacaaagcaa	300

<210> 205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 205

cacaagcaac	tttgcttttag	aatctagaat	tcctttgcag	gcagagaagt	ctctacctcc	60
cagtgtttcc	tagctaagaa	cgtaaagtgt	aggagggaaa	tgtacttgca	gaggtttcat	120
aattatttac	ttataaaaat	agtcttcata	gccggggcgcg	gtggctcacg	cctgtaatcc	180
cagcactttg	ggaggccgag	gtgggtggat	cacaaggtca	ggagttcgag	accatcctgg	240
ctaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccggg	cgtggtggca	300

<210> 206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 206

ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtatttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccaac	atccccagtg	aaactttaag	aggagccagt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300



<210> 207  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 207  
 gaaatcagta gccccagaga tacctggcaa tagctttttg agaatctgga atacagtttag 60  
 cactcaaaca tttgtagaat gaagggcagt agaattatca tttctcctcc tgtctaataa 120  
 ctgtgacaag ggagtgggccg gtgacttttt ttggtagagc tttttcaaga aaaagtttag 180  
 tcctacggac agttcggttag ttattctact tcagacactg ggcattgtttc atgttcttca 240  
 aaaagccag ttatactttg gttttttgtt gtttgagacg gagttttgct cttattgcct 300

<210> 208  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 208  
 ctgctataaa agtatgattg tcgtcattac agtgattgct gattgagggc ttgctcagca 60  
 cctttctggg ggctcaacga atgttctgtg atgttgagtt caccacccta taccctggga 120  
 gagagatagt gtgtttccat ttcacaggctc agcagactcg agcacagaga ggtgaggtaa 180  
 cacagcctgg caggagtggg gttgggattc aaggcctggg ctgaatgggtg gtgctctcac 240  
 attgcagttg cactccaagg gacccttgca aggtgctaac agatgtgaat gccttttggg 300

<210> 209  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 209  
 catttgtaaa gctgcagggg aagagggttc acttcccagc aaccccatcc taatggctta 60  
 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120  
 gctggaagaa tctctacttg tgctgccttt ctcttatgtc ccagacattc ttaaactctt 180  
 taacgaattc attcagctgg gctctgatgt tgaacttata tgccgggtgcc tcttcttcct 240  
 ccttaggatt cactttggac agatcactag caatcaaagt cttgtgccag tgatagaaaa 300

<210> 210  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 210  
 ttcattcttct gctccaaagg tggtagcaag aggagtaccc agttaggggt tggagccccc 60  
 atataacatc ttctgtcag aagactgatg gatctttttc attccaacca tctccctttc 120  
 ccccgatgaa tgcaataaaa ctctgtgaca ccagcaacca ttgctcttta gaaatgggtt 180  
 ttctgatcat atggctgatg tgttatgggc agtatggatg tcttcatttg ttgcttctgt 240  
 ttttcatctt ttttgtttta ttaataaaaa tttatgtatt tgctcctgtt actataataa 300

<210> 211  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 211  
 gttacatcaa gagataaata gagtgaagca gaactagtgg tgcggaccag ctgccagca 60  
 acagaaggggt ttgtagtcgg cctggcagtg gacagggagg ttggctagaa ctattacctt 120  
 aggtccgtga taatatccct gaatccaact tttcagaaag aaataggtta catatttttc 180

accaggaagc	ttcacccaga	c	aacag	aatggtctca	gtgcactaat	g	ctcag	240
ttaaagggtt	gtggtagcac	aa	gaagaga	cattctgact	tggaaatttg	ga	aggctt	300

<210> 212  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 212		
gtccaatagc	tgtgaagctg	gcagcccttc
ggcagagggc	gcagggctta	tggcctggcc
gcttatggcc	tggccggagg	tgaggagtga
ggaggtggga	ggtgaagcnn	nnnnnnngag
nanantnnnt	ntnnnannnc	tt
		60
		120
		180
		240
		262

<210> 213  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 213		
agcactggat	gaaaacaagg	atggcaaggt
gctggtggac	aaagaagatg	ttcacatctc
actggaaaaa	gaggagaagg	tggaggagaa
ggtcgcagag	gtgaagagct	agaaccactg
caccctggca	agggccgtga	gggcgattgc
		60
		120
		180
		240
		300

<210> 214  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 214		
cttttctgga	gggagacacc	catctcctgc
ccttttgact	caggcttgcc	acagaggcct
tgagagttac	accactggct	tccttggttc
ttacagcttc	tctaggtctc	cagcttgcag
taagtgtgtg	ggccagttcg	cctaataaat
		60
		120
		180
		240
		300

<210> 215  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 215		
cctgacggag	gctttgctgg	ctgtggtgat
ctagactgtt	gacgtcccct	gggaagggga
ccctgagact	ggcaagggag	gaggctgagc
tcattggaacc	ggactccaag	atgacgatct
gttctgggtg	tagggcccag	agaagcagaa
		60
		120
		180
		240
		300

<210> 216

<211> 272  
 <212> DNA  
 <213> Homo sapiens

<400> 216  
 cttagccaga tctgggactta cagaagtcta ccaatggtat ctggaccttc gtcgatttgg 60  
 atctgtgcca catggagggtt ttgggatggg atttgaacgc tacctgcagt gcattcttggg 120  
 tgttgacaat atcaaagatg ttatcccttt cccaagggtt cctcattcat gccttttata 180  
 gctggaagat tgggttaagga aaagcacccc ccatggcaga gacactgcac atgattgtgc 240  
 atacagcaga atgcatgttt ggattttaga aa 272

<210> 217  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 217  
 gaacttttga agagaaaaat tctgagctaga gggattctta aagccttaag ttacttgaaa 60  
 tctatgtatt tgcaaccctt tgtctctgga atcatattac actaaactgg aatctcaggc 120  
 tgaatgagaa taaccaagtg gagtaaaaag aagaaaaccg tttcttgatc accacttaat 180  
 taacgatgct ctttctccaa aggatcagca cgttcttctt ctgagaactt gaaaatacaa 240  
 atggacccca tgttttttta agcattacct tttcttagaa gactgccatc atcttttata 300

<210> 218  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 218  
 cccaggcgta aatagagctc cctactccag accacctgcc accacctcc caagttgaga 60  
 acacaagctc cagctgggct ggagagtcag gcttggtgca gggtgacttt ggcgaagttt 120  
 tgtcagatcc ataaagcaaa ctggaatttg agctttcact taccctagta tacgttctta 180  
 aaaaaaaaaa aagtctatgg ggtataatcg agatggatac ctgggtcttt aaattacgta 240  
 ggggaattttg tatgttttaa taattgtact ggggtccata aagcttatct taaaaacttt 300

<210> 219  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 219  
 ggagatccag atattcttag acctgctgtt tgaacctgtg aggcatttca agaattggaga 60  
 gtgccattct gcagtcattc aagcagtaga agacttggat ttgtctaaag ttcttccttt 120  
 aggtcgtcag cacggtatct taaacagcct tgagatagta ttgaaaaaca ttagtcatct 180  
 gatcagcgca tacctgccga agattttgca gatactgctc tgtatgacag caaccgtatc 240  
 acacatcctt gaccaacgag aaaagatacg gctgagattt attaatccat tgaaaaa 297

<210> 220  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 220  
 gtggggtagg catgggggtg gacaggggtg acgggctcca cagagacagg atggtggagg 60  
 gagttgtgtg cagttgaact tgatcctgta gttggttttg acctggtgtg gtccctccat 120  
 gctgtggaag tgaaatgtga gggaacaggc ctgggggcag tgaggagagc aggacaagcc 180  
 tttcatctaa aagggtggcag agagcttaag gccaggaggg aaggatatga gaaaagggtga 240

ttgagaacta attaccaagg g tggca agacaactgg atgcgtgtaa t atggt 300

<210> 221  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 221  
taaagctgct gtgatggcca cccttctctt tccaggacgg gagtttaaaa ttacacatca 60  
agagatgata aaaggaataa agaaatgtac ttccggaggg tattatagat atgatgatât 120  
gttagtggtta ccattattg agaatacacc tgaggagaaa gacctcaaag atagaatggc 180  
tcatgcaatg aatgaatacc cagactcctg tgcagtactg gtcagacgtc atggagtata 240  
tgtgtggggg gaaacatggg agaaggccaa aacctatgtg gagtgttatg actattttatt 300

<210> 222  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 222  
gagaggagca ggtgcagtga ttcataccca ctctaaagct gctgtgatgg ccacccttct 60  
ctttccagga cgggagttta aaattacaca tcaagagatg ataaaaggaa taaagaaatg 120  
tacttccgga ggggtattata gatatgatga tatgttagtg gtaccatta ttgagaatac 180  
acctgaggag aaagacctca aagatagaat ggctcatgca atgaatgaat acccagactc 240  
ctgtgcagta ctggtcagac gtcatggagt atatgtgtgg ggggaaacat gggagaaggc 300

<210> 223  
<211> 271  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(271)  
<223> n = A,T,C or G

<400> 223  
attggggact gacatcttaa gctctcacct ggctgcagta ggaaaggcca aactgacgac 60  
aaaaaaaaaa ttctttataa agatgatatg gtaacatgta tctttgccct gggctctgggt 120  
gggtccagtc agtctcagat ttacaagcat ttatgagcct aggtaaaagc tgctaataatt 180  
cttttaaaag cnnnnnnnnn nacttgctg atagaaaact ccttccgggg gggnggattt 240  
tataatanta cgtgngnnct naacanagtn a 271

<210> 224  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 224  
aagtctgttg ccattccatc tctgtgttaa cacttcatat ttttatgaaa ttcagataat 60  
ttgtgagagg ctggcatgga tctaaggatt tattattttt attctagtcc atcagttcag 120  
tcgcagtttt tatactagga ctttaggatg tacataaatg tgtgactgtt tgtcttgatt 180  
aaaagtgcac tttggcctgg gcatggtggc tcatgcctat aatcccagca ctttgggagg 240  
ccaaggcggg tggtcactt gaggctagga gttcaagact agcgtggcca acatgaggaa 300

<210> 225  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 225

gctcagcagg	cagacgaatg	aggaataaag	gtcagâgaag	gtcagagctg	agtgacgttt	60
ggaatccacc	ccgttttattg	tagaactggg	ggttcagagg	gcaggtgcct	cagagttgag	120
gccacacagt	gaggtctggt	gggtgaaagg	acccaggaac	gaggcggtca	ggaaagcagg	180
ttgtcagagc	tatgtggagt	ctgtgggtgg	caggggcagc	cgctccagcc	tttgaagact	240
ttgaaagcca	gagattcctg	gcgcaggctt	ggacttcctg	ggagctcctc	caagtaccca	300

<210> 226

<211> 300

<212> DNA

<213> Homo sapiens

<400> 226

gtggtttctt	gcacatcttt	ggagtagtta	tgactttctca	gtttttcccc	ccttaaactg	60
cattgcctat	tcttttttcc	tgacatgcta	tcaggtatca	gtgtgttgaa	tacatactgc	120
ttgtgtatca	gacttacggt	actgtcatca	ccattaaaag	aattgcagct	ttgtgcccc	180
tgaccttcag	ctcagttggt	gactgtcatt	catgaatgcc	taaagcatac	tgacaccagg	240
tataagtact	tgaagatcaa	gaactagtca	ataaaacatg	agcaacataa	tggttaactat	300

<210> 227

<211> 300

<212> DNA

<213> Homo sapiens

<400> 227

acagggtcaa	aattttcatt	ctgcataagg	taggtttagt	ctttttcaaa	acattctagt	60
aggcaagtct	gtagctgaat	cttggagaa	aggcaaccat	agtaatat	ttgagttcct	120
actgtttatt	ttttcaataa	aaactcaggt	tctcagggtta	gcagatcatg	gtcttaggaa	180
ggtagctgta	gaaccaaagt	ataaattcct	aagcttctac	caattgggtc	ttactgaaat	240
ggcaattgag	agagaagtaa	atctcttggt	tttcaccata	gttactttat	gttttcctttc	300

<210> 228

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 228

gacttgtggt	caggcagggt	ttcnggacat	gnacataaaa	naacagattc	aggaacagca	60
ccaggctgcc	attattattc	agaagcattg	taaagccttt	aaaataagga	agcattatct	120
ccacattaga	gcaacagtag	tttctattca	aagaagatac	agaaaactaa	ctgcagtgcg	180
tacccaagca	gttatttgta	tacagtctta	ttacagaggc	tttaaagtac	gaaaggatat	240
tcaaaatatg	caccgggctg	ccacactaat	tcagtcattc	tatcgaatgc	acagggccaa	300

<210> 229

<211> 300

<212> DNA

<213> Homo sapiens

<400> 229

gggtgccatgg	agttcaccat	cagtc	gatatcgtca	caagagatga	ggttcaga	60
aggcagaaga	cggagaccat	caactactcc	cgagagaaga	accccaacgc	gttcgaatgc	120
atcgcccctg	ccaacattga	agctgtggcc	gccaagaaca	agcactgcct	gctggaggct	180
gggatcggt	gcacaagaga	cttgatcaag	tccaacatct	accccatcgt	gctcttcac	240
cggggtgtgtg	agaagaacat	caagaggttc	agaaagctgc	tgccccggcc	tgagacggag	300

<210> 230

<211> 300

<212> DNA

<213> Homo sapiens

<400> 230

aatcccaaaa	agcctagcac	caaacttctt	tttttcttcc	tttaattaga	tcataaataa	60
atgatcctgg	ggaaaaagca	tctgtcaaat	aggaaacatc	acaaaactga	gcactcttct	120
gtgcactagc	catagctggt	gacaaacaga	tggttgctca	gggacaagg	gccttccaat	180
ggaaatgcga	agtagttgct	atagcaagaa	ttgggaactg	ggatataagt	cataatatta	240
attatgctgt	tatgtaaatg	attggtttgt	aacattcctt	aagtgaat	tgtgtagaac	300

<210> 231

<211> 300

<212> DNA

<213> Homo sapiens

<400> 231

cacaaggaga	agaaagttaa	ttaacattga	aagatgagaa	gacatcttgg	aagaacttga	60
attgggcctt	ggaagaagaa	cagccattca	aatagataga	attgtggtag	caaaggcata	120
gaggtaggaa	agtatagatc	tccagggaca	gtagtcatgg	ggttggggca	ctgttgggaat	180
ttaaggttgg	aaggatatat	tggagccctt	tgaatacggg	aacaaggcac	accttgggca	240
gtggagagtt	atcagagtgt	ttgaaaagga	gggttattga	gtaaataaat	agactggtac	300

<210> 232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 232

gttaaactgt	cagtattgga	tcttagaagt	aatgattat	taggactgta	atagtaatta	60
ttaggactgt	aaaagtaaag	gattattatc	tgcattagat	atcattatat	ctaattgat	120
agagactgca	gacataacta	cagggctctt	tttcttaaat	cagaaaatcc	agattcaata	180
gaaatagggt	aaagtgatag	gaggacaaat	agccttccat	ccagtgggta	tcaactgacg	240
actacaagtc	ggcctcactt	gctttaatta	ttctattcta	tcctttgatg	ctgcttgaag	300

<210> 233

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 233

ggcagctaga	gtcaggaaaa	tgaccctcat	atgcttttaa	tctttgtttc	agttgtctgt	60
cagggttgaa	ttaagaagct	actggtttat	tcccaattgt	tgatgccttt	aggatgttg	120
gaatcttttt	ttttgcctag	gaggggccag	ttgaaaatct	gtgactcaag	aggcagtgaa	180
cagaatactg	ttttctgggg	aaaaattggt	tggctacttg	atgttaattn	nnnnncagta	240

&lt;210&gt; 234

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 234

ccacctctca	gacgtgagta	aggaattgcc	ctccttgtct	cagtgggaca	aggcttgaag	60
ctaattggag	gaggtggaga	gaaatttaga	gggggtcctg	gttagggtag	ccataaaaat	120
agagatgctt	gggatgttct	gagcaaagga	gccagaatgc	agagaacagg	accacagccc	180
tagtagctag	ggggggagtt	tgagatgcag	cctgggggtg	ccctgcctaa	tttcagagac	240
ttaagggcca	gtgtcagtga	cagggtcagc	aggggtgggt	gagaatctgc	ttaaggctag	300

&lt;210&gt; 235

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 235

ccttcacagg	ttatttcaca	gatatggaga	gctggaagca	gggagtgagt	ctctgagtgt	60
tggaattgta	agggatcaga	agcagggatc	agaagcagtg	gtgaagttca	tccaccataa	120
aacacacagg	tgactttgcc	ttgaatctgc	aggactgaag	ccaactcttg	ggcacagacc	180
cttagtccct	tccttggcca	ctctaagtca	gatagtccag	agccaggccc	tttgggatgt	240
gacaccgaga	taaatcagag	aaaagctgtg	aagcttgggg	aacagaggga	cttttgggtga	300

&lt;210&gt; 236

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 236

cagtgagatt	cctcttcttg	tattaccttt	gcttcattgc	tgaatcttct	ccaatatcat	60
cttctaaaaa	gagcctttta	aaatcacctt	ttctattatg	ccctactcat	ttccagtccc	120
tgaattgccc	attccccact	tcatagcact	tattgctatc	tgaattaca	ctaaatgtca	180
ccttcatgat	ggtaggcaat	ttattgcctt	tgtcactgtt	atgtctagag	aacaagcagc	240
tggtcatag	taggcactca	acaaatattt	gttcaatgaa	gaatttataa	atgaatgcct	300

&lt;210&gt; 237

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(274)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 237

ctgggctgca	tctggccctg	gctggaggcc	ttgctttgag	gggctgagac	cctcttcccc	60
caggccctcc	ccagccgacg	acagccaccg	gagaggagat	cggaacacga	ttgnnnnnnn	120
tgcaggcgcg	tgggcggaac	naatccncaa	ggactctgan	atnnnccctt	gnnantnncn	180
angngannna	nnananannn	ntatacatan	ancnannac	ccnaannaca	nacannngnc	240
anancnannn	nancannnnn	aannagnnna	nnna			274

&lt;210&gt; 238

&lt;211&gt; 300

<212> DNA

<213> Homo sapiens

<400> 238

tggtcaccttc	tcccacagcc	atttccaccc	atcggtgtct	agaatctctt	tcattagcac	60
attccaaccc	ctctgccact	tggtttagaa	atgagctccc	tggctcagtg	ggcctttcag	120
aatctggaac	cagacggagg	tggagttaag	aagataggac	agaacaggca	ggcccagggtg	180
ctatggttcc	actggggaga	gaccatttaa	ttctccagat	gctttactcc	ctgattgtct	240
tttagccatt	attcttttcg	ttttaagaga	catggtctca	ctctgtcacc	caggctggaa	300

<210> 239

<211> 300

<212> DNA

<213> Homo sapiens

<400> 239

caggattggt	cattttgtct	tttgtttgtt	ttggggaaca	gggtcaaaat	tttcattctg	60
cataaggtag	gttttagtct	tttcaaaaca	ttctagtagg	caagtctgta	gctgaatctt	120
ggaagaaagg	caaccatagt	aatatttttg	agtccctact	gtttattttt	tcaataaaaa	180
ctcaggttct	caggtttagca	gatcatggtc	ttaggaaggt	agctgtagaa	ccaaaatata	240
aattcctaag	cttctaccaa	ttgggtctta	ctgaaatggc	aattgagaga	gaagtaaadc	300

<210> 240

<211> 300

<212> DNA

<213> Homo sapiens

<400> 240

gcactgcgtc	aagccactcc	tggagaagaa	tgatgtggag	aaagtgggtg	tggtgatttt	60
ggataaagag	caccgccag	tggagaaatt	cgtctttgag	atcaccacgc	ctccactgct	120
gtccatcagc	tcagactcgc	tggtgtctca	tgtggagcag	ctgctccggg	ccttcacact	180
gaagatcagc	gtgtgcgatg	ccgtcctgga	ccacaacccc	ccaggctgta	ccttcacagt	240
cctggtgcac	acgagagaag	ccgccactcg	caacatggag	aagatccagg	tcacaaagga	300

<210> 241

<211> 300

<212> DNA

<213> Homo sapiens

<400> 241

gggatgaata	tttaagggtga	agcaaagtag	ctgtggctac	ttggggccaa	aagcttccca	60
gatgctcctg	ctctaagcac	atgatgtttt	ttggggaaag	tggtagcagg	tagaggggtg	120
cagaaagtg	gagaagcact	tggtgtaggt	gacccagaca	tgctcttga	attgaattcg	180
gtgatctgct	tcttcagctg	ctttcttgct	cctgcccagc	aggatgccag	gaaacacata	240
gccctgtaga	aatcactgg	agaagaggat	gattggagtt	cttcatttct	taaaaaacag	300

<210> 242

<211> 300

<212> DNA

<213> Homo sapiens

<400> 242

aaatgaagtc	cttgagccag	aaaaggatac	cagccccact	gttaagtgat	gattgtgtgc	60
taaagcagcc	taagagttct	atcctaacac	aagagcctag	aaagtaactt	cttaggcagt	120
gtccaaaagaa	tgccagtagt	ccttggggac	ttttcagagg	tgcttggtt	gaatcaattt	180
ctagatccca	aagcagagtc	ttcatgcaca	ttttgaggct	gtagtgtaca	gcaaattggct	240
cttggctagg	tttagaatgc	tgctttttacc	attctctgta	cctgaccacg	tttgagtctc	300



<210> 243  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 243  
 agaacgttct caggttgacc agctgctgaa tatttcttta agggaggaag aacttagtaa 60  
 gtcattgcag tgcattggata acaatcttct gcaagcccgt gcagcccttc agacagctta 120  
 tgtggaagtt cagaggctac ttatgctcaa gcagcagata actatggaga tgagtgcact 180  
 gaggacccat agaatacaga ttctacaggg attacaagaa acatatgaac cttctgagca 240  
 cccaggtttg gcatagaaat ggtacccctt gttcaaaatg aacaagaagc cttagatttg 300

<210> 244  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 244  
 ctccagtata acctcatctg tatccgcagc aaccgtttac caataaggct acattctgag 60  
 gtactagagg ttgggacttc aacatcgga tttgaaagg acagcattca gcccatgact 120  
 ccagataaac gtgagggtat ctatatcatt cctaatttac agatgagtca atacaaactt 180  
 gagtgcgctt gctcacaatt ccatcaaagg cagggttcag acccaagttt cagcatttag 240  
 ggcaggtgtc ctctgcatgg aagaaccata ctcaatagcc gtaaacgctg acaaattccc 300

<210> 245  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 245  
 gctgtctggg tectacattc actactttca ctgcctaaga atcctggacc ttctcaaagg 60  
 cacagaggcc tccacgaaga atatttttgg ccgatactct tcacagcgga tgaaggattg 120  
 gcaggagatt atagctctgt atgagaagga caacacctac ttagtggaac tctctagcct 180  
 cctggttcgg aatgtcaact atgagatccc ctactgaag aagcagattg ccaagtgcc 240  
 gcagctgcag caagaatata gccgcaagga ggaggagtgc caggcagggg ctgccgagat 300

<210> 246  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 246  
 tggtgctca ccaactccatt ggctgctg cgcgcccaatt cccttcggtg ggccccggtt 60  
 ggctgcaggc tgaggctctat tccactgacc acccctctcg gtgcgcacca cagtgatcct 120  
 ggtgcacgcc tcgttgccgc tgcgcaacct taagaacaag attgagaaca agatcgagag 180  
 cattggtctc aagcggacgc caatgggcct gctactagag gcaactgggac aagagcagga 240  
 ggctggatcc taggccccctg ggatctgtac ccaggacctg gagaatacca cccaccccc 300

<210> 247  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 247  
 agaaaaacaa cagagagaaa aagaatacct gagatatgta gaagctttac gagcccaa 60  
 ccaggagaaa atgcagctgt ataatactac ttacctcca ctatgctgtt gtggtcctga 120  
 tttttgggat gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag 180

agcatataact	cgggcactac	a	ttcat	caattcctgt	gatgtccctg	g	aattc	240
aactcttcga	gtcgcaattc	at	atttttgc	ttctgcacac	aggcggactt	tg	aaaaatct	300

<210> 248  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 248								
ccaccttggc	ctctcaaagt	gctgggatta	caagcgtgag	ccactgtgcc	cggccagaag			60
gagtgttttg	agaatggcta	agagaagata	ggttgaatag	ctatgcctac	atgtcactaa			120
ttaacatctc	agagatctct	gctacagggt	gtcgtcctca	ttttgtctaa	tatttttcca			180
atggcatgag	tataggaaga	taaacgggga	atgttttgaa	gtaataaaaa	aattccatcc			240
ataaagaaga	acaacatgta	ttaagctttg	tgcaccaaac	aacacaacag	gaagacacat			300

<210> 249  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 249								
tgttactggt	gcccataatag	atgtggataa	acaaaaagat	aagaatggcg	agagaatgat			60
cacaataagg	ggtggcacag	aatcagcaag	atatgcagtt	caactaatca	atgcactcat			120
tcaagatcct	gctaaggaac	tggaagactt	gattcctaaa	aatcatataa	gaacacctgc			180
cagcaccaaa	tcaattcatg	ctaacttctc	atctggagta	ggtaccacag	cagcttccag			240
taaaaatgca	tttccttttg	gtgctccaac	tcttgtaact	tcacaggcaa	caacgttatc			300

<210> 250  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 250								
ggggccgctg	ctcaagttcc	agatttgtgt	ttcctgaggt	tataggcggg	tgtttgagga			60
gtacatgcgg	gttattagcc	agcggtagcc	agacatccgc	attgaaggag	agaattacct			120
ccctcaacca	atatatagac	acatagcatc	tttcctgtca	gtcttcaaac	tagtattaat			180
aggcttaata	attgttggca	aggatccttt	tgctttcttt	ggcatgcaag	ctcctagcat			240
ctggcagtg	ggccaagaaa	ataagggtta	tgcattgtatg	atgggtttct	tcttgagcaa			300

<210> 251  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 251								
tgaagaggag	atcggtgacc	tgggctcctt	atgtgcctga	aagagtttga	gtttcctggt			60
aactccaaat	caacagtatt	ttcaacaaga	aatgtgcaat	tgaaatcaag	tgctgtttta			120
gtgcagctag	gatttccaca	ggaagacact	tgcagtgaac	agagttatgg	agcagcaaaa			180
acacagatct	atgttgaaaa	agagaaaaca	tatgcgttgt	atgttgcttc	aattataaaa			240
taccatcctc	tcaaagggtg	ttctaaatta	caaaggactt	tgatttctag	gtagattctg			300

<210> 252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 252

gaacaaagaa	ggaatgtctt	ctgtgtt	gggtctatag	aagacgttaa	aaacttc	60
cagaaagtgg	gtttgaggca	tgccacca	cgctggcca	aaggatttaa	tgaattaatg	120
gatgtacagt	gctgggctg	ttattctagg	gcctgcattg	agactcacat	tttgccatca	180
aaagcctttt	aagaggtgga	ggttgcggtg	agctgacatg	gtgccactgc	actccggcct	240
gagtgacaga	gtgagactct	gtctcacaaa	aaaaataatg	ccctttaaat	aatgaataat	300

<210> 253

<211> 300

<212> DNA

<213> Homo sapiens

<400> 253

gaacaaagaa	ggaatgtctt	cctcatgttt	gggtctatag	aagacgttaa	agaaaacttc	60
aagaaagtgg	gtttgaggca	tgagccacca	cgctggcca	aaggatttaa	tgaattaatg	120
gatgtacagt	gctgggctg	ttattctagg	gcctgcattg	agactcacat	tttgccatca	180
aaagcctttt	aagaggtgga	ggttgcggtg	agctgacatg	gtgccactgc	actccggcct	240
gagtgacaga	gtgagactct	gtctcacaaa	aaaaataatg	ccctttaaat	aatgaataat	300

<210> 254

<211> 300

<212> DNA

<213> Homo sapiens

<400> 254

gttacccttc	agataaagaa	gggaagaagc	ctaaaggaca	gtcaaagaag	cagcccagtg	60
gaaccacaaa	aaggccaatt	tcagatgatg	actgtccaag	tgccccaata	gtgtacaaaag	120
catcagattc	agcagaagca	attgaggctt	ttcaactaac	tcctcaacag	caacatctca	180
tcagagaaga	ttgtcaaaac	cagaagctgt	gggatgaagt	gctttcacat	cttgtggaag	240
gaccaaattt	tctgaaaaaa	ttggaacaat	cttttatgtg	cgtttgctgt	caggagctag	300

<210> 255

<211> 300

<212> DNA

<213> Homo sapiens

<400> 255

gggtctctgt	cattttctcg	ctctgtggca	ctgttcagag	gatatcacgg	gccccttgat	60
ttgtatccag	aattttaccg	aattgctaca	gacccaacca	tcacactgt	cccagaaggc	120
agacctgtga	atgtctgagt	gggaaaagag	tggtatcgat	ttcccagcag	cttccttctt	180
cctgacaatt	ggcagcttca	gttcattcca	tcagagttca	gaggtcagtt	acaaaaacct	240
tttgcagaag	gacctctggc	caccgggatt	gttcctactg	acatgaatga	ccagaatcta	300

<210> 256

<211> 300

<212> DNA

<213> Homo sapiens

<400> 256

gctttggaaa	ttattagata	tatcctattc	ccttcctccc	atTTTTTTcc	tgctagtgca	60
aaagtagat	gagtaggaag	attaggactc	ctgagttgcc	catgatttca	tctaattttt	120
ggattcagaa	tgtattttat	gaataatatg	cagagatgca	tattaggaat	gtgaagccag	180
aatgggtcag	ttgtagctgc	tgcaaagttc	tgtagctgat	ggtcatttaa	ttgcattggg	240
gttattttat	ctttcatgat	tgtggtgcac	ctgatgctgg	cggggatttg	tgtgtttttg	300

<210> 257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 257

gccaggtgta	ttaggatctt	ttagatgtag	tttaatgaag	agtttatggc	ttaaagtgag	60
acagtattac	ttcagagctc	agcttctctc	cttggatttt	ctctcagcaa	atgggagaag	120
taacgtctgc	ccttcggagt	tgttacaagg	agacaagata	aacacagggg	ccaagtgctt	180
ggtaaattgg	aagtgcgtgt	attagagtca	ggtgttctag	tcacaggtcc	tcaacagata	240
cagctttggc	agtaggaggt	gcagctgacc	tgagctgttt	ttaaattaaa	attaaagcca	300

<210> 258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 258

atttgatgct	acaaagagct	ttgttgaatc	ttcagaaaac	aaaatctgaa	gggcagagcg	60
aaggaatgct	ggcatttttg	aaaccctttt	gaggcttatg	ttgtcatggt	cataattcag	120
ccgatagaga	aaaaaccgag	aaactgtaga	ataggctatc	caacttccac	atggggagat	180
acagctacag	ataatgttct	caggaccctt	tgtcttttag	tgacgtaaat	gatctgcatt	240
tttagagagt	ggaagagtat	ccccattctt	gcctgttgca	actgtggatc	ccagtcgcca	300

<210> 259

<211> 291

<212> DNA

<213> Homo sapiens

<400> 259

ctacacagtt	cccattcatt	accttaacat	tgtactgaga	gagacccagg	tctgacctgt	60
atagcagttt	gagtcgaggg	gctgtcaaag	gggttgccaa	agtcactctaa	aggacttggc	120
aacagaagta	gcattatgac	ttggatccac	ttctttatag	accaatattg	gcagccatga	180
aggctggctt	gtcctgggtg	cggaattcag	ttttagtggc	tgaatgcaca	gacagcagga	240
agagagaata	ggggacaatg	aacaacagag	agagaagaaa	tgacgtgtgt	a	291

<210> 260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 260

tgtacttatt	cttgattgcc	acgtctcatt	tggattcccc	agactctgat	tagaggcact	60
gccaccagga	gagattttat	ctaaccaata	gtacttccag	gaagatcctc	acccttgtac	120
tttcaagaag	cacttgtaat	taatgttcag	cttctgaac	actgagtggg	acttgaaaat	180
ctctgtggtt	tatagcctta	caaaagctac	tctggagggt	gaggcaggag	aatcgcttga	240
acctgggagg	cagaggttgc	agtgagccga	gatcacgccg	ttgcactcca	gcctgggcga	300

<210> 261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 261

ccggacgcag	gccctcgggc	aggagcatct	ggcagagtgg	ggggcggtgg	aggcaccctc	60
ctttgcaggg	cgaggtgggg	cctctgcagc	catcctggac	aggccggggg	ggcggcagct	120
ttgccacgt	ggaagcgggg	tgggtctcac	ttgcgtgggt	gccctgggcc	ccatcttgcc	180
tgctgcggcc	tggggagcag	gcgctgggtg	gtggttctgc	ctgcttgctg	ctcgttcccc	240
gggcatgcgt	gggcagcggg	gggcatgcgt	gggcagcagg	gggccgtggg	cagcgggggc	300

<210> 262  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 262  
 gcatcctctg atggcactgt aaagatctgg aatatgaaga ccacagaatg ttcaaataacc 60  
 tttaaatccc tgggcagcac cgcagggaca gatattaccg tcaacagtgt gattctactt 120  
 cctaaaaacc ctgagcactt tgtgggtgtgc aacagatcaa acacggtggg catcatgaac 180  
 atgcagggggc agattgtcag aagcttcagt tctggtaaaa gagaagggtg ggactttgtt 240  
 tgctgtgccc tctctccccg tgggtaatgg atctactgtg taggggagga ctttgtgctc 300

<210> 263  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 263  
 atttctactt gagctaaggt agtatttgtt atcctctttc cttcttaggt atccataatc 60  
 cacaaagcat atttaaaagg ctcttggcac gggcagcatt gggtgagcag gtaggtttgg 120  
 ctagggggaa atgtttaact tgttctgaaa gaaaaactta tgtctgtagg gtccaagaaa 180  
 cagctattcc agagtcagtg tcagctgagt ctggaacata tgaagtgagg tttacttcta 240  
 agaacacaag tgactgcaca ctaattttgt caaggcatct tttcactact ttgctgtaga 300

<210> 264  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 264  
 gctcttgggt tttatgtccg ctgcttcttg gttgccgaga cagagagatg gtgggtctcg 60  
 gccagcccct cctctccccg ccttctggga ggaggaggtc acacgctgat gggcactgga 120  
 gaggccagaa gagactcaga ggagcgggct gccttccgcc tggggctccc tgtgacctct 180  
 cagtcacctg gcccggccag ccaccgtccc cagcacccaa gcatgcaatt gcctgtcccc 240  
 cccggccagc ctccccact tgatgtttgt gttttgtttg gggggatatt tttcataatt 300

<210> 265  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 265  
 gacttctaaa tatatcttgg atataatagg tgataagttc tgtcaattag taacatctga 60  
 aaaaacagct ttgtcctggg tgaaaaagga tgccaaaatt gcctggaaaa gagcagtgag 120  
 aggagtccgg gagatgtgtg atgcatgtga agcaacattg tttaacattc actgggtctg 180  
 ccaaaaatgt ggatttgtgg tctgcttaga ttgttacaag gcaaaggaaa ggaagagttc 240  
 tagagataaa gaactatatg cttggatgaa gtgtgtgaag ggacagcctc atgatcaca 300

<210> 266  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 266  
 gtcacctcca ctagaggggg ataaaaagga taataggaaa tcagaatatt ttgatttgta 60  
 gttcaactgt tgatcaatta tctttgagac ttttaacatt catgactaag gaggattaat 120  
 aattaacatg agctgtagaa ttaaggtttg tatggcatga taagtataaa ccagttttgg 180

gaccgctata attctaaaaa a gtaga ctagatgatt agttgtacac t actgc 240  
 taattcttga ttgtagaaca aa ttccta tgaaaaccat gttgtgtatt tt atctct 300

<210> 267  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 267  
 gatctctata ctagtgaaca gtgccagttc cacacttttg acttagaact gttctctagt 60  
 tattgtaaca cagaatactg tcaatcccta atttacttaa tggtacttat tggaagtggg 120  
 gctgatgaaa tacgcacagg agggaaatct actgtgttta ggcacaggca gccccagtgt 180  
 ataaggagat catattccaa aaggttgtca gttggttggt tgcaacctgg aatgtatttt 240  
 ccittagaga ccaggttatc catggttggt aggccctag agcagctgga aaagatgata 300

<210> 268  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 268  
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 tcattttcac cctgattctt gccccactt tcataaaaga aacttcaaaa tgctgacgct 120  
 ttggagagta agaaaatcaa tcttggtggg gcacggtggc tctgcctgt gatcctagca 180  
 ctttgggagg ctgaagctga aggatcactt gagctcagga gttggagacc aacctggga 240  
 acataacaag accctgtctc tacaaaaaaa aaaaaa 276

<210> 269  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 269  
 gctgccacca cccccgggcc cagcctgtct gaaagttcag ggtttaggcc gagaaacccg 60  
 gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcacttta 120  
 gtttggggcg ggacgggagc cgcggttggt actggcgtgg tctggctgct gctcccgaac 180  
 ggaggggtcg gggttggctt gctgggccct cagagcccag tgggtggctc tgactcggct 240  
 ccctactccc tgcaccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc 300

<210> 270  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 270  
 gactcatntg cagtgtgtgc agaaacaaat aataaagccc caaaagataa actagttgaa 60  
 aaaactggca aaatctgtat acgtggaaat ttaccaggac agagactgaa gaataaagaa 120  
 aatgagtttc attgccagat catgaaatcc aaagaaactt taaagaagat gagttgtgta 180  
 aatggaactg aaggaggagg agagctgcct tcgcctggta caaagcacac atgtgtatac 240  
 acatgggtca agcagtgtgt gtctgtggct gcctgtccag aggaatggaa atatcctttg 300

<210> 271

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 271  
 agtggctgga taaaaggatg tgtgggaaag aactgagttg aaattaggag ttagaatttt 60  
 attcttttggg actaaggaat cattgaagat tttaaaatta gggctgacat aatcagattt 120  
 gagtttggga acctatagtt tgggactgga ggaagacagg tgccagacac cagttaaaaa 180  
 gctgttattt tctaagcagt agacaaagggt ttacactgac aatagctgtg gagatagaga 240  
 aaagctgcga gatttcagag ttttccaagg tgtaacaac taaattttgt gatcaaaatg 300

<210> 272  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 272  
 ggaacctact agatggacag gctgaggtgt ttggcagtga tgatgaccac attcagtttg 60  
 tgcagaaaaa gccaccacgt gagaatggcc ataagcagat aagtagcagt tcaactggat 120  
 gtctctcttc tccaaatgct acagtacaaa gccctaagca tgagtggaaa atcgttgctt 180  
 cagaaaagac ttcaaataac acttacttgt gcctggctgt gctggatggg atattctgtg 240  
 tcatttttct tcatgggaga aacagccac agagctcacc aacaagtact ccaaaactaa 300

<210> 273  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 273  
 ctggttttga ttggtcagat tcttttttca ctagcggcgg tttttctttt atgtcttgtt 60  
 ataaagaagt atctcattgg accctattat cggaagctgc acatggaaag caaggggaac 120  
 aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggtcacggag 180  
 ctgctggacg tctccatgga gctgggctgt ttcttggtcg gagcgctcgt ctcctctcag 240  
 ggccccgtgg tcaccgagga gatcgccacc tccatcgaac ccatccgcga cttcctggcc 300

<210> 274  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 274  
 ccacgactca tttgtttcat tcacattcct cacgtgcaac aacataatta tattttaaga 60  
 aaatgtaact ttgttacatc aaaatatgtt gtctagtaaa agtttgatat tcagtagaac 120  
 aaggatcatg taaataaaca tctatttcac atgtacccaa aagcatttaa aaagcagaat 180  
 ccagggccca gagcatgagc cagggaggag gatgtttttc ttcttttctc tatttttccc 240  
 taaattgtgc aaacataggt gagtctctta acctttctgt gcctcagttt ttctacctct 300

<210> 275  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 275  
ccacgactca tttgtttcat tcttattcct cacgtgcaac aacataatta tttttaaga 60  
aaatgtggct ttngncatca aaatatgttg tctagtaaaa agttgatatt cagtagaaca 120  
aggatcatgt aaataaacat ctatttcaca tgtaccctaaa agcatttaaa aagcagaatc 180  
cagggccag agcatgagcc agggaggagg atgtttttct tcttttctct atttttccct 240  
aaattgtgca aacatagggt agtctcttaa cctttctgtg cctcagtttt tctacctta 300

<210> 276  
<211> 263  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(263)  
<223> n = A,T,C or G

<400> 276  
gtggcaactt gatgaaacag ccaaatgcac cagggcaggt cactttccca ttacactgat 60  
tccacaatta aaaaaaaaaa aagaaaaaaaa actcattgaa atagctacag ttctatagggt 120  
taattttaaag cctccttttt ctactcattt ttgaaaccaa aattacattt tactatttta 180  
cataaccagt gaaaagacgt tgaaagccta cagnnnnnnn tntttggngc tctgaaaatg 240  
ntnangnnnn ntntntnnnn ttt 263

<210> 277  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 277  
tcactacact taaaaatata agggacatgt taggcaatca gatgctttgt agaaactgag 60  
ctatttgtcg gcctggcgcg gtggcccaca cctgtaatcc cagcactttg ggaggccgag 120  
gcagtggctc acgaagtcaa gagttcaaga gcaacctggc caagatgggtg aaacctgtc 180  
tctactaaaa atacaaaaat tagctgagca tgggtgggtgg tgctgaggc tgaagcagag 240  
aattgcttga atttcaggag gcggagggtta ccgtgagcca agatcgcgctc acagccctcc 300

<210> 278  
<211> 296  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(296)  
<223> n = A,T,C or G

<400> 278  
cctgtctcta ctaaaaataa aaaaatgacc tgggcatggt ggtgggcgcc tgtagtccca 60  
gctactcggg gcgctgaggc aggagaatcg ctcgaaacca ggaggtggag gttgcagtga 120  
gccgaggttg cacaattgca ctccagcctg gcgacagagc gagactcgct tcaaaaaaaaa 180  
aannnnnnnn nngggnaanc ntntnnantgg ggnnnccact tgccntttgc cnggnnnncc 240  
cangttntnc ctngttttcc nggnatttta ncccccttcc atttttgana aaagac 296

<210> 279  
<211> 300  
<212> DNA  
<213> Homo sapiens



<400> 279  
ctggctcaga tgtgggatgt gtttgggaaga atataaatga tgggtgtggat gtcaggggtga 60  
gggaggagac aaaaccacga tgacccttag ctttgtggcc tgaactgtgg gtggctgagg 120  
ggatcggttaa ttgaatgggg cagactgagg cttgtgagga agatcagagt ctggttcttg 180  
acatgagatg cccttcagac atctcttcac tcaggtccaa ctagggatac agaaacactg 240  
aatatttcaa cagcagaaat tgaatggggg gattgatagc gctggcgagg gaagcagctg 300

<210> 280

<211> 300

<212> DNA

<213> Homo sapiens

<400> 280

gaaatataga gagatgtggg atttgaatgc ccatgaaaga cattttatatt tacttgaata 60  
tattcttgct tcactttacc ctccataata tgttgtagat tagtgctgat caagtttaca 120  
gagttacatt ttgctttcct aaccattcag tcaggaatta aaatatggca ttgtataaca 180  
actgggaaga agctcatagt ggatataaat tagagtagat aatgggtcac cttgatagcc 240  
tctgtttaca ttacttgtat atggggcaaaa taattattac ctatacgtgt atttaagctt 300

<210> 281

<211> 300

<212> DNA

<213> Homo sapiens

<400> 281

atcttttaggc tccgtgtgtg aaatgcagca agcctgcccc cagcagcctg tgggctaate 60  
ctgagctggt ccttcgttta ggtacacagg tgaccctgaa gttccactc ggccctctgt 120  
tttctgagtc ctgtctctc tgtagcacag tggggattgt tctgaaccgt ggcacgcctt 180  
cttggcgagg caggctctct tatggaacca tagtctgtta cctcatttct tccaactgct 240  
ctgtccccta aatgtgtgtt cccaggtgca gtgcagcaag ggtgctcgt gttggccttt 300

<210> 282

<211> 261

<212> DNA

<213> Homo sapiens

<400> 282

cctgtttcca ggagatatgt gtgtccatca gcagtgataa aaatcttggg caggtgttat 60  
tgcactgttt gtatgattca gaccaccta ctctgctgga aacaagcagg ttgttgctta 120  
cttgcccttc ccaggcagaa gtggccagt tttgggttga aaggatccag gaacatccag 180  
ctatttatga tagcatttgc ttcattatgt caagttcaac aaatgttgac ttgctggtga 240  
aggtgggaga ggtgtgggag g 261

<210> 283

<211> 300

<212> DNA

<213> Homo sapiens

<400> 283

gaaaggtggc gcgcttctca cggctgagtt gctgcgcctg cagacggaag ctccccacag 60  
gcagagctgc ttggatgtgt gagtcatgaa gccagagaag ccccgctcca tgagcagtga 120  
ctccccaggc cctgtgacct cctcctgtc ttgcagctcc tctggcacc agtccccagg 180  
gctctcctgt tggtagttcc tgcttttctt cttggaaatt cctcgtggac ctcgagatct 240  
ttaccctaaa atagttctgt tgaatttcac cctggcaatg taaattgata gcttatcttc 300

<210> 284

<211> 300

<212> DNA

<213> Homo sapiens

<400> 284

gaagacacca	gtggtggaat	cgagtgtttg	gccacagttc	gggacctatg	gtagaaaaat	60
actcagtagc	taccagatt	gtaatgggtg	gcgttactgg	ctggtgtgca	ggattttctgt	120
tccagaaagt	tggaaaactt	gcagcaactg	cagtaggtgg	tggctttctt	cttcttcaga	180
ttgctagtca	tagtggctat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300

<210> 285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 285

atgttaaate	atgtcttaaa	catctgtgaa	aaagatggta	cttttgacaa	catttatctg	60
catgtccaga	tcagcaatga	gtcggcaatt	gacttctaca	ggaagtttgg	ctttgagatt	120
attgagacaa	agaagaacta	ctataagagg	atagagcccg	cagatgctca	tgtgctgcag	180
aaaaacctca	aagttccttc	tggtcagaat	gcagatgtgc	aaaagacaga	caactgaaca	240
aattacaaat	gaactttctt	gcacttgctt	gtcgccaaat	aaaagagagg	cccattgatt	300

<210> 286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 286

ctaaaatggt	aaatcatgtc	ttaaaccatct	gtgaaaaaga	tggtactttt	gacaacattt	60
atctgcatgt	ccagatcagc	aatgagtcgg	caattgactt	ctacaggaag	tttggctttg	120
agattattga	gacaaagaag	aactactata	agaggataga	gcccgcagat	gctcatgtgc	180
tgcagaaaaa	cctcaaagtt	ccttctgggtc	agaatgcaga	tgtgcaaaag	acagacaact	240
gaacaaatta	caaatgaact	ttcttgcact	tgcttgtcgc	caaataaaag	agaggcccat	300

<210> 287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 287

aagtaatacg	tcctttcatc	ttttctttca	agatattttct	gcattaaatc	atcctcagta	60
tatttttttg	aaagccaagt	tttcccaaag	ctcttcattt	cctcatctcc	ctctgtgcca	120
ctggtttttc	agttgctggg	ggctacagac	cctctctcta	gaaagatgga	catgtgaaca	180
taagcactgc	attttgcaca	caatttcctg	ggttcagaaa	ccacctgaac	ttttccttct	240
agaggaccct	gcttaaacac	ttccattcta	gggtgtccag	cccattaaga	tggccaagaa	300

<210> 288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 288

actttataaa	taaattatat	gtctgatact	agccttccat	tgcttgatc	acatctgatt	60
gtcctggtaa	tttgagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	120
attcagggaa	aagactatga	tgggtgcact	tgtaactgct	tttgtgctgt	aaaattgtca	180
tggattaaga	agagagttgg	ctgggtgcgg	tggctcacac	ctgtaatcct	agcactttgg	240
gaggccaaag	taaggactgc	ttgagcccag	gagttccaga	ccaacctggc	caacacagcc	300

<210> 289  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 289  
 ttactgactg caacaacttc agattatacc tcttctactc caagtgcctt caaagaaagt 60  
 cctctgccaa gacaaattca ttacgttttt tccctctacc tgtttgcctt tattctcttt 120  
 tgtatttcat cttctcatct agattgaata atctttgaga gcacagatgt ttatttatat 180  
 ttttcctttc ctttctact cagcatgagg tgtccattga acaaacttga tgaattttta 240  
 ttgcttaata tcttgctaga ggtggggaga gaggttgggg gcggttaagg aactatcagc 300

<210> 290  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 290  
 ccactgcgtc cctttgcgtt cagccctcc tctggctttc agttacacca agctaaaatt 60  
 tcagggtccc agctgcagct ctctgggtcc cccgggtgcc cagtggggct ccccgcatct 120  
 gaatgtgtgg tccctggggg tgggcacttg ggggcatact ggtcactgct ggccctagca 180  
 ttggacccta ggagacctga ctggaaactg ctccctcccc atcagctccc agctgtcact 240  
 ctctcccacc cccgggcagc tgttttgcc aagaccactg ctacctgtt acccaccctg 300

<210> 291  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 291  
 aataaacgta tgtgttcata ttgatcacc gaaatgagag ttcttaattg ctaattgaca 60  
 aacgcgttag caatttcagt tagggagtca tctcccttga ttgtgttctt ttcctgtcaa 120  
 ttttcataga cctaatttgc aaactcaatc ggggactaaa atttcccact gaaaatgtta 180  
 aacatttttag ataactgtga agatagttta tttttattcc ttgccaatct gggaatatgc 240  
 cttttttnnnn nnnnnnnnnn nnttnttaag tgctgtatta ataatacttt ctgaaagaaa 300

<210> 292  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 292  
 cgccagagca gcagtgggga acatcttctt gtctgctgga cacctgattg ggccggttct 60  
 ctgccattcc ttctgcaatt acatgggttt cccagctgtt tgccggcct tggagcacc 120  
 acagaggcgg cccctgctgg caggctatgc cctgggtgtg ggactcttcc tgcttctgct 180  
 ccagcccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg 240  
 ggcaggggac tcagaggctc cctgtgctc ctgacctatg ctctggata cgctatgaac 300

<210> 293  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 293  
 ctgcgctatc agcgcaaaga acctcccgac agtgccactg accccacctc cccccagccc 60  
 cacagctggg tctggctggg cactgaccag gaggaactga gccgccagct ggaccggcag 120  
 tcccctggcc cgcccaaggg ggaggggagc tgcccctgtg agagtggggg aggaggggag 180  
 ggccctaccc tggcccctgg ccctcctggg ggcaccacca gctcctcaag caccctggcc 240  
 cgaaaggagg ctggggggcg gcggaagcga nnnnnnttg ngacatttg 289

<210> 294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 294  
 cagagctgtg atctgcccc aggtattctg acccccaaac tggctctcaa ccatgtttac 60  
 atgatgaaaa gaagaggtga ctgttgatc agctctaaag gcctcacttt tggtgaaatg 120  
 ggacctaaat ttgattgcat acttgattac ttgctgtcaa tactgaaatt ggcacttcat 180  
 aattttaata ctattgaact ttcaccataa ccctgtccta taaagttagc ttgcaaata 240  
 agaaactcta tctcttcaat attataaaat atatccaaga gtcacaacta gtgagaaaag 300

<210> 295  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 295  
 ctttcccatt cacttctcta gaaagctgcc aagacagagg cagaaagaaa tggatgatag 60  
 ttctgtcaag cacacttctg ttctcttaga acttagaagt gtttctaaga gaacagaagt 120  
 aataagagaa acagttacgt gtggaattca acatctttgg ttggaacgca ttggcttttt 180  
 ttttcttggt ttgatagaaa tggaattaag caaaagtagt ttttgtcttt tctgttgctc 240  
 tcaaattcca tgcccttttat ttttaattta atcccgttca aatacttaat tggtatacat 300

<210> 296  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 296  
 gttttgttct cttctttgac tattaanaag ctcaagtcca aatatttcta acatatggca 60  
 agtgtttctg tgtaccttac aagtctatat ataaattttt cttctcttga cagggtttta 120  
 tctatattta gcaagtcacc cctaattctt ttagaataag gcagaaaata aatcaacgta 180  
 aaggttgaga ccaagccaga gacagctggc caaagtagct ggttcagggg tataacctgc 240  
 aagttgccaa cccagcgcat tcttctcacc cttcttccac cctacgaaag gccatatctt 300

<210> 297  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 297  
 cgacagctct ccaatactca ggttaatgct gaaaaatcat ccaagacagt tattgcaaga 60  
 gtttaatttt tgaaaactgg ctactgctct gtgtttacag acgtgtgcag ttgtaggcat 120  
 gtagctacag gacattttta agggcccagg atcgtttttt cccagggcaa gcagaagaga 180

aaatgttgta tatgtctttt a	gcaca ttcccccttgc ctaaatacaa g	ggagt	240
ctgcacggga cctattagag ta	ttccac aatgatgatg atttcagcag gg	agacgtc	300

<210> 298  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 298		
tttctccatg ttggtcaggc tggctctgaa ctaccgacct caggatgatcc acccacctcg		60
gcctcccaca gtgctgggat tacaagcatg agccaccgcg cccggcctcc ctgttccagt		120
tttctataat ctgttcatat tatattctgg gtatatgtgg gtgggtgtgat tatccatgtg		180
gtcttatttt cacattcttt gcattaacta taatgtactt aatgttttaa gataagtttc		240
attctacaaa gatgtatgta caatacctgg tatcaggtaa caatcttaaa aaaaactaat		300

<210> 299  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 299		
cttcagcatt cagccacttc gtttcagtgg catctgtaat atactcttta atatgaagat		60
gttgaattaa aagtcaaaat actgatgtga gttgacctag tctcaaaggg taaaagatta		120
tttttccagg gagcaaatga gaagggtggg tgcacgagcc ttttgctgaa cagttggagc		180
cgtgtccagg tggagggtgcc aatacagaat caggattggg gggcacacgg agaaacaggc		240
tatggccctt gagggtgaa cccccagggt tgagggtgca gatgctgccc ctgcttcggt		300

<210> 300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 300		
gcttttttggg acagtagaaa ttttcacatt aatactgtaa attctgtacc atattttgac		60
acctgctaca tctgattcaa atgcgggaaa aaataccatg tgtgcataat gaaaaatcat		120
tcatttttcc ctttcttacc ccagcaggaa tagaaagcaa ttccaagcca ctctgcaa		180
gtatccaagg ttagagattc gggagctggc caacatctta caccctaaat gactgaagca		240
tttcagtagg ctgactggct cgaaataaca atttaagaaa ggggggaaaa aacctacagg		300

<210> 301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 301			
gaaatggatg atagttctgt caagcacact tctgttctct tagaacttag aagtgtttct		60	
aagagaacag aagtaataag agaaacagtt acgtgtggaa ttcaacatct ttggttgga		120	
cgcattggct ttttttttct tgttttgata gaaatggaat taagcaaaaag tagttttt		180	
cttttctgtt gtcttcaa	at tttatgcctt ttatttttaa tttaatccc	g ttcaattatt	240
taattgttat acattgacat taactgctgt attttgactt tgttcaataa ttttgttctc		300	

<210> 302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 302

agtaaccaga	ggtgcgagga	gctttaac	tgatttagcc	aggtggcaat	ccagtgaa	60
tgatgaaga	aaggccctt	agaatggca	gattacattt	acaaagaggt	ccgagtgaca	120
gccagtgaga	agaatgagta	taaaggatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgagggg	gaagctgatg	300

<210> 303

<211> 300

<212> DNA

<213> Homo sapiens

<400> 303

accagtatca	gatttgtgat	taatcgcatt	actgtcaagt	cctcatgcag	gccagtcaga	60
cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	120
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactgtt	aggtccttaa	180
gtgattttct	gtgaaatcct	acgcatagga	tttctgtggg	caggggttga	cgtctgatct	240
tgttcgtcag	atcccccttg	tcaagaatgc	aagtgcatta	cctcttaaat	tttaaaagct	300

<210> 304

<211> 300

<212> DNA

<213> Homo sapiens

<400> 304

attggagttg	aaattaacat	ttcaaaagtt	tttcgtatctt	ttttatggca	gatgatttgt	60
catttattta	tattaggttt	tactgcctat	tgagacaacc	aggtgcataa	ttgattgccc	120
tttggccata	aaaatgcagt	gtcatggatc	ttagagctaa	aaaggactgt	aaaaattacc	180
cagaacagcg	tcctcagact	taaccttctg	caagttatgt	ctgtatataa	gaagattcta	240
attgctaact	gtttatactt	ttctgaataa	aatagttggt	tcctaattaa	aaagtagcca	300

<210> 305

<211> 300

<212> DNA

<213> Homo sapiens

<400> 305

gtggaactgg	ctcaggctgg	attactcttg	ctgctgtctt	gctgtactgt	atgccactgg	60
gatctgaaca	ctaaacattg	ctaagaaacc	caccaccac	caggatattt	ggaagtaact	120
tcacatatgg	aaaagttaaa	gactcagctt	ctgagaaaac	aattggactg	atgcgaatgc	180
agttttggaa	aaaaactgtg	gaagatatat	actgtgacaa	tccaccacat	cagcctgtgg	240
ccattgaact	atggaaggct	gttaaaagac	ataatctgac	taaaagatgg	cttatgaaaa	300

<210> 306

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 306

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atttacatta	actttaaaat	atttgtatgc	caaacactag	ttattttgag	gggatcgaaa	120
caaatcatag	cagagataag	gaactttcat	actttgggag	gatttttttt	aaataactgt	180
atgtttactc	taagtagata	tgtgtatgca	tgcattcact	tatgatatgc	acannnnnnn	240

nnnnnnacac acacacacac a cacag aaatttatgn ngcctttaan a tggga 300

<210> 307

<211> 300

<212> DNA

<213> Homo sapiens

<400> 307

agaggggtggg	gtctggccac	ataggtacct	ctgtggctct	ggtctgggg	tagacactgt	60
tagggactag	catttattgg	acttgtaaag	acagcacctc	agaattagta	actacttgca	120
ttttagggtc	tgttttatga	agccaacaag	tgaatgtaaa	ataggctctg	catcttttct	180
gagagccctg	tcactgggca	gtgagcattt	ccaaaattgc	agctctgtca	gaatgaacca	240
tgaatactta	agaaagggaa	agtaggaaca	gggagcagag	caaagcataa	cttgctgtgt	300

<210> 308

<211> 300

<212> DNA

<213> Homo sapiens

<400> 308

cttctgttga	ttggtttgtt	taaagtacct	aagtactacc	ctttgactcc	ctacaaaaag	60
ttcttttgtt	ttttaaaca	cttttatttg	tgacttactt	tcttgagaag	tgttcttaat	120
gaattgcata	aaatagtgg	agcagcttat	ttcttaagta	ctttattatt	tgtgctttac	180
catttcaggt	tcttatcttt	aacccttatt	tactcagttt	tccatctgaa	tgatcctatc	240
tctaaattaa	ggatttaata	aatgctgcaa	attgtccact	ttgcaaattg	tccaaaagct	300

<210> 309

<211> 300

<212> DNA

<213> Homo sapiens

<400> 309

ggctcagagg	ggttatgatt	cggagggttc	tgccgcacgg	catggggccg	ggcctcttga	60
cccggaggcc	aaggcacg	cagaggaggc	ttttctctgg	gtaaagttga	ggacgacaga	120
gggtattgtg	gttctgggtt	gtccccaacc	tccgactgtg	tgctcttcag	gacccgaaac	180
catggccac	actggcagga	cagtgggtcg	gcttggggaa	gggggttagc	ttacctacca	240
gagctttag	gggctgtgca	ggtgtatggc	tcccaaggcg	gcccttttca	ggtggcaggt	300

<210> 310

<211> 300

<212> DNA

<213> Homo sapiens

<400> 310

gggaccagaa	catgaccggc	tgggcctaca	aaaagatcga	gctggaggat	ctcaggtttc	60
ctctgggtctg	tggggagggc	aaaaaggctc	gggtgatggc	caccattggg	gtgacccgag	120
gcttgggaga	ccacagcctt	aaggctctga	gttccaccct	gccatcaag	ccctttctct	180
cctgcttccc	tgaggtacga	gtgtatgacc	tgacacaata	tgagcactgc	ccagatgatg	240
tgctagtcc	gggaacagat	ggcctgtggg	atgtcactac	tgactgtgag	gtagctgcca	300

<210> 311

<211> 300

<212> DNA

<213> Homo sapiens

<400> 311

acaagaagcc	atgaggccat	agggagaagc	tccctctccc	cttcattctc	tgctccaaag	60
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gtggtagcaa	gaggagtacc	ctagggg	ttggagcccc	catataacat	ctgtca	120
gaagactgat	ggatcttttt	caatccaacc	atctcccttt	ccccgatga	atgcaataaa	180
actctgtgac	accagcaacc	attgctcttt	agaaatgggt	tttctgatca	tatggctgat	240
gtgttatggg	cagcatggat	gtcttcattt	gttgcttctg	ttttcatct	tttttgtttt	300

<210> 312

<211> 300

<212> DNA

<213> Homo sapiens

<400> 312

aaagaatcca	attttagagc	tgctaaaaaa	ctctttggaa	gcacctttgc	atttcatggc	60
tcacagattg	aaaactggca	ctccatcctg	aggaatggtc	tggttggtgc	ttctaataca	120
ccgattgcag	ctccatgggtg	caatgtatgg	aagtggaaatc	tatcttagtc	caatgtcaag	180
catatcattt	ggttactcag	ggatgaacaa	gaaacagaag	gtgtcagcca	aggaccgaag	240
ccagcttcaa	gcagtaaaag	cagcaataca	tcacagtcac	agaaaaaagg	acagcaatcc	300

<210> 313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 313

gggtgttgga	gcagattgta	gttgatccac	agcaaagagc	atcaccaaag	ccattccagg	60
aggaactaga	tccaccactt	cctctgctgg	gcatgctcca	aaaatggttg	tggtttccag	120
agaggactcc	aaaagaaagc	acaaaaacta	gacagtggga	gggcataccc	aaaagccctg	180
agttttctgaa	aaaatattga	aagttttctat	ggtgaaatag	gaagttaatg	tgcttaggaa	240
gaaaaaagtg	gtaatgattc	aaggaaacat	aatcacacac	ggttttagtt	ttaatggaca	300

<210> 314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 314

ggcggaggag	cagaagctca	agctggagcg	gctcatgaag	aaccgggaca	aagcagttcc	60
aattccagag	aaaatgagtg	aatgggcacc	tgcacctccc	ccagaatttg	tccgagatgt	120
catgggttca	agtgtctggg	ccggcagtg	agagtccac	gtgtacagac	atctgcgccg	180
gagagaatat	cagcgacagg	actacatgga	tgccatggct	gagaagcaaa	aattggatgc	240
agagtttcag	aaaagactgg	aaaagaataa	aattgctgca	gaggagcaga	ccgcaaagcg	300

<210> 315

<211> 300

<212> DNA

<213> Homo sapiens

<400> 315

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 316

<211> 300

<212> DNA

<213> Homo sapiens



<400> 316  
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agaaatcatg gagcacagat tcaagacata tcaacaattt agaaggtgtt tgactttacg 120  
atgcaaatta tacttttgaca acttactatc tcagcggggc tattgtggaa aaatgaattt 180  
tgaccacaag aatgaaactc taagtatatc agttcagcct ggagaaggaa ataaagctgc 240  
tttcaatgac atgagagcct tgtctggagg tgaacgttct ttctccacag tgtgttttat 300

<210> 317  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 317  
gattgtgaca tgggtgtaata aaggtataca tgggtgtaata aaggtataca tgggtgtaata 60  
aaggatgtgg gagcacaat ccataggaat ttgagagttt aggaattgta tttattattc 120  
aggcccttca ctctcagact accctgctct atttgaataa tgaggcttgt ggtggtctgt 180  
ggaaaagtgg acagagtaga atttgggcag ctgctgaagg tttggtctct ggaatgagtc 240  
cacgttacct taaggacagt aatcccaat tgagacaaaa actttaagaa aaccaatgtt 300

<210> 318  
<211> 298  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(298)  
<223> n = A,T,C or G

<400> 318  
ggggtcttgg atggcttttc caccgtccct gagactgggg ttgaggggac tgacgggggc 60  
caccaccgcc cgcgcctcca gcgcctctc ccaggggtggc tgggcctcct gttctcaggg 120  
atcacannnn nnnnnngggg ccaaccctt ccggaaccaa ggtgcangct tangnctgcg 180  
gctttctggn tgtgtgctgg cttctgggct tcancctcct gcccagccg tccctgccan 240  
ggcacannng accatggggg ctgggagtc catnanagca gtgangtggc cccggcct 298

<210> 319  
<211> 277  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(277)  
<223> n = A,T,C or G

<400> 319  
agagggtggg gtctggccac ataggtacct ctgtggctct ggtctggggg tagacactgt 60  
tagggactag catttattgg acttgtaaag acagcacctc agaattagta actacttgca 120  
ttttagggtc tgttttatga anccaacang tgantgtaaa atangctctg catcttttct 180  
gagagccctg tcaactgncan tnnagcattc ncnanattcg natctctgnc ntatgtant 240  
atgnctacnt ttnantntt ttgtttcccc ntttct 277

<210> 320  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 320  
aacgttcccc cgctacatag tctctctttt gtgttattta gtttaccatt tctcttttcc 60  
atcttggtat aacctccacg agttgtgtct cttttgtttt ctacattata cccaacggct 120  
agcacataac aggcacccaa tatatactga acgaactaag gaatgaatga aggaatgaat 180  
gaataggtgg cttataggaa acccctgggg ccagggactc tgcaacatca ccatgtaact 240  
ttttctttgt gctgagaagc agagagaaac aatagaagat atctcttaat ctctcaagga 300

<210> 321  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 321  
gagggcaccag caggtagtgg cccctgtaag cagggccaga gtcgggacaa agagcaggag 60  
tgaagcagcc aagagacaga ggaccaggct ggagccagtg ggcacgcagg agcctgcctg 120  
ggaaaagccg gggggcaagg ctggcatggg aatgaacacc tgctggtgac acctctctga 180  
gcttcagttc ccttaactag aaaaatagaa cagggccggg gcggtggctc atacctgtaa 240  
tcccagcact ttgggaggct gaggcgggtg gatcatgagg tcaggagatc aagaccaccc 300

<210> 322  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 322  
gaccagaaaa acaggtacgg aatgagccct ggaacatttc tatttcagca gaatatattg 60  
cccaggtgaa agggatctca gtggaagaag ttatagaagt gacgacacag aatgcattaa 120  
aactgtttcc taagctccga cacttgctcc agaaatagct tcaaaacccat ccattacaaa 180  
atcgaatcaa ctgcaggggc cagcatttga aacatagaaa tgttctgatg aagaatctga 240  
actgaagaag ctgttttata gggttataga agattgtaat tgtagagaaa tatttctctt 300

<210> 323  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 323  
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ggccaggagc tagttttatc agcatcctgc tccactgcct tcccttagtg cagcctggaa 120  
gacatggcag cgggtagctc ctggggctga gccagaagca tcaactgcagt gaaagtctct 180  
gcttacctgt ctggctcagc ttgggcaagg gctgggcat atgtgctcag ggacgtgctt 240  
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<210> 324  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 324  
gactggagaa gtcagaagta gaaaagcaga ttgctaggag agacaggatg acagattttg 60  
gtcagaaaat gggatattgg agtttaaagt atcaaataca gaatagttcc agatgttcag 120  
agatccagca tgggattagg tactgaaatg gattagaact aaaagtcact agaatttaga 180  
aattgagaac catgagagtg gatgcaatga cttgttgctt gattgaaaaa taaattaata 240  
ataataaagg accatgagac tagcctgtta taggggttat ctccatgaac attgaatttt 300

<210> 325  
<211> 292

<212> DNA

<213> Homo sapiens

<400> 325

ttcagagtgc	agctcccat	ctttctaaag	tttccatggc	aatacagcta	actgaagaac	60
taaaagccag	tgatgtactt	gccagggttc	tcagccaaga	aagtgggggtt	gcccagactc	120
tcaagaaagg	agaagttttt	ttgtatgaaa	ttggaggaaa	tattggggaa	ccctgccttg	180
atgatgacac	ttacatgaag	gatttatatc	agcttaaccc	aaatgctgag	tgggttataa	240
agtctaagcc	attgtacaag	acttaacaag	ctgcagataa	ccatgtggac	tt	292

<210> 326

<211> 300

<212> DNA

<213> Homo sapiens

<400> 326

gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	atacagacat	ttttttttta	acttgttgat	60
tcagatgtct	tggtcctga	atagtcctag	attacttatt	ttgagaattc	attgttaaaa	120
attacaggga	attaaaataa	ttgccttttt	tttttagagg	taagagatgg	gtagaagagt	180
atgcctctga	aaattttatt	agttttattct	tgtggagaat	accaagaaaa	tgtgtatttg	240
cccattgcta	aatatgatat	atgccatttt	gtattttatt	gtcccaagtg	tctttttgta	300

<210> 327

<211> 300

<212> DNA

<213> Homo sapiens

<400> 327

gcagggagtt	gcttgggtgg	ccgctaacac	caggctactc	ttatttttagc	ttgctaagtt	60
gagatcagct	agacctgctt	tcttttctcc	tcagtcttgc	atttccctca	atacaagctg	120
tagcctcttt	cctcgtttct	agtctcagaa	ggaaggagag	ggaagccatt	ctcctctagg	180
gactcttcag	tctcatttag	atgatagtc	ctttttttct	acctccatat	tagagatgga	240
gtccttctct	tttctggtt	cttaattttt	gtcttctcat	tcctgcttcc	ctctcaccct	300

<210> 328

<211> 300

<212> DNA

<213> Homo sapiens

<400> 328

ctctggagta	gctgggatta	caggcatgca	ccaccatgcc	tggctaattt	tgtattttcta	60
gtagagacag	ggtttcgcca	tgttggccag	gctggtctca	aactcttgac	ctcaggtgat	120
tcacccacct	cagcttccca	aagtgttggg	attataggcg	cgagccacca	tggctcagcc	180
tcatgttcgt	ttttaaaact	taggatgggtg	gctcttttac	attgattggg	aggaactctt	240
catattacga	ggcagtttagc	tagttgtctg	tgaaataaaa	tactaatgat	tgaactttct	300

<210> 329

<211> 300

<212> DNA

<213> Homo sapiens

<400> 329

ggttctacca	gtgcctacac	caagagtggc	tactgtgtca	acaggttttc	ttcacttctg	60
ccaggaggca	acaggcgaaa	ctcaacagca	aaagactaca	ccattctaga	ttgcattttac	120
aatgaggtaa	accagaccta	ctacgttctg	gatgtgatgt	gctggcgggg	acaccctttt	180
tatgattgcc	agactgattt	ccgattctac	tggatgcatt	caaagttacc	agaagaagaa	240
ggactgggag	agaaaaccaa	gcttaatcct	tttaaatttg	tggggctaaa	gaacttccct	300

<210> 330  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 330  
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 acgtagtgga ccttttcagg ccagcatttt ttccttgaaa acctggagca tgtatccatc 120  
 ttatagcaga gatcactttc acaatgtttg ggctcttgat ttgaattgat gatgtaatga 180  
 gccctctatc cagattgtaa ctaattactc tgcgaattga ctggattcca cacccttcta 240  
 atattttact tttcctcttt tatcaactct cattctcgct gccatgatca atggaccaac 300

<210> 331  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 331  
 ctgtgcacac aaattagaat ccttgtaaaa tggccatgat tctgtttatg accctggccc 60  
 tccaaccaga ccagcctctc tgccctctgg cttttttaga tcaactggcat ggtttctgcc 120  
 tactccaggt gccagtatta ttttgtgaat gttttttttc ttcatatcta ctcactctta 180  
 tactactttc ctcgtaaaag gaaactagag aacatgatct taaatgaaaa ccaacgatca 240  
 cttgccagaa agaacaggta actaggcttt gaaaaaataa gttagaggag atagcataat 300

<210> 332  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 332  
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 tttctgtgtc agtcttcatt ttaaataatgg atacaaaaag gatacgccga gccaatcaaa 120  
 gacaagcttt aactttactt tgaagtgttt ctgaaatgat aaaatgtagc cctagccccc 180  
 tgccctcaat tgtaaagtga gcaaccattg ctagtaattc tttaatgtgt ataaattcaa 240  
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<210> 333  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 333  
 ctggaggagg agcccccacaa agaattaggg tgctaacatc ccaccaaag catcatccca 60  
 cccaaaatgt tgcttttcat tctatgtcaa taatttaagg tggaatttct ctcaccctgt 120  
 ggagatgaaa gtggcaaaag gttgtccag cagtgttggg ggatggggtg tgcacatcat 180  
 tcttttgggg gtagatgacc tgctggctgg tgggcttttc tccaggacta ctgcaggtag 240  
 agaccctctg ggcttgtgtg gagtgggagc agccgtgttg ggactatggg gaggagctgg 300

<210> 334  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 334  
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 agcagccaag agacagagga ccaggctgga gccagtgggc acgcaggagc ctgcctggga 120  
 aaagccgggg ggcaaggctg gcatgggaat gaacacctgc tggtagacacc tctctgagct 180

tcagttccct taactagaaa a	aacag gcccggtgcg gtggctcata	aatcc	240
cagcactttg ggaggctgag g	gggtggat catgaggtca ggagatcaag	accacccctgg	300

<210> 335  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 335			
ggaagagggga cgccgagaag aaggacctgc	ctgtcaccaa aaacacgctc aagtgcactt	60	
tccggtccct ccaggtcagc aggctgcca	gcagcggcga ggctgcagcc acgcccacca	120	
tgtccatgac cgtggtcacc aaggagaaga	acaagaaggt gatgtttctg cccaagaaag	180	
cgaaggacaa ggacgtggag tctaagagcc	agtgcattga gggcatcagc cggctcatct	240	
gcactgccag gcagcagcag aacatgctgc	gggtcctcat cgacggcgtg gagtgcagcg	300	

<210> 336  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 336			
cagagctgta tcttcagtgg tgtgatgaag	ctacagtagg ggagatcact catgctaggt	60	
atggatctcc ttacccttgg cctctgaatc	atattttggc ctatcaaaaa cagtgggaag	120	
tcaaacgtaa gatgaaagct attggatggg	gaaagaagac tctggaccag gtcttagagg	180	
atgtagacca gtgctgtcaa gctctctctc	aaagactggg aacacaaccg tatttcttca	240	
ataagcagcc tactgaactt gacgcactgg	tatttggcca tctatacacc attcttacca	300	

<210> 337  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 337			
ataggcatatc tgacaatata aaccgaaatc	cttctaacgt agtggacctt ttcaggccag	60	
cattttttcc ttgaaaacct ggagcatgta	tccatcttat agcagagatc actttcacia	120	
tgtttgggct cttgatttga attgatgatg	taatgagccc tctatccaga ttgtaactaa	180	
ttactctgcg aattgaatgg attatacacc	cttttaatat tttacttttc ctcttttatc	240	
aactctcatt ctgcgtgcca tgatcaatgg	accaactatg cttataacca caaatggtga	300	

<210> 338  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 338			
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cggggattgt cagctcaaac accgtcagca	gcgttgccct tggaaatggg atttccaga	120	
acagtaaacy tgtctgtcct tgatttacag	agtagctaca ttctaggaa atccagggtg	180	
cattaaaact caccatgtta cccaggctgg	tctcaaactc caggcctcaa gcaatcctcc	240	
tcctgtctcc acacagacgg cttctgcacg	tttgngaatc tacaggncac tccttgca	298	

<210> 339

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 339  
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 gaaagggaga caggggaagag aacagtgggtg gggctgtaag ttgacctcca ggtggcagaa 120  
 aataaagttg gaagaattga ctgggacaga cagccagggc cctgcaggaa gggcgggaga 180  
 ggaagcctgc ggacacctgc cttttgtgat tgaaccgcag acaccaggcc tggcggggtc 240  
 gcttgccctcc gctgcccag ctaaggctcc gctaagctgg tcctgagaac atacttcattg 300

<210> 340  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 340  
 ccagcccctc ctctccccgc cttctgggag gaggaggtca cacgctgatg ggcactggag 60  
 aggccagaag agactcatag gagcgggctg ccttcgcgct ggggctccct gtgacctctc 120  
 agtcccctgg cccggccagc caccgtcccc agcacccaag catgcaattg cctgtccccc 180  
 ccggccagcc tccccactt gatgtttgtg ttttgtttgg ggggatattt ttcataatta 240  
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<210> 341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 341  
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 gttatgggtg ggcgacaggt tgatacagtc ttagaaaaag caggtaatat caaaggattg 120  
 gaaagctagc atgcatgcc tcttacctgg gtatcttccc ctttttttcc ttttaaactc 180  
 ttgagcctcc tataacagaa ggattatgtg cttcaaacct tcttntttna ctgngccatn 240  
 aagtgggctn gngcccaaaa tatttacttg canaanatcn gtnactggct taaatacttc 300

<210> 342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 342  
 agaagattgg ggatgaggag tgaggagaag gctggagacc agttagaggc taccgtagca 60  
 gcgtagagag gctgaaaatc taactagggg ggaagcagcc aggcaggctg gtcctaattg 120  
 tgggagttgt tcagatctgg tggagaggtc attacttata gagttattaa tttatacccc 180  
 accttaattg caaagagatt caaagcagta agccatcact ttagaattta atgttctgtt 240  
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<210> 343  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 343  
gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagggg atgcttgggc 60  
ctcagatttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 120  
aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 180  
tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 240  
taaggttgta ttcattcccat ttattgaatg ccaaggatat accagctact gctccagatg 300

<210> 344  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 344  
ctgggaagga ataattcaat ttgattggca gatatatata atacagtagg agaataatgg 60  
gagaaagata aattgagact agaataggta gactttaaat gcctgtctgg tttaggattt 120  
tgaactttca aggtgtggta aatgtttgag taaaggaata atgtgtccaa agattattat 180  
ggaattgtct ctctgcatac ctctatcgct gtttgtcaca gctgtgttct tatgtgactg 240  
attcttctctg aagattagaa actcctcaaa gactgggttat tagagcttat tcttcattat 300

<210> 345  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 345  
aaaaagtaaa gcttttcatg agcacaaatc ccttgcattg tttgatgtta ctgatattcg 60  
taaaatgaat attttttggt ttgttttggt ttattttttt gagacaagtc ttgctttggt 120  
gccaggctg gagtgcaatg gcatgatctt ggctcactgc aaccctgcc ttgcgagttc 180  
aagtgattct tctgcctcag cctcctgagt agctgggatt acaggcgctc accaccacac 240  
ccagctaatt tctgtatttt tagtagacac aggggttttac catgttggcc aggctgggtc 300

<210> 346  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 346  
agaaatgtag cacaaaatgg agaagtcgtt caaccttgac cctgtcagag ttcttatttg 60  
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ttattagcca agtagtaact taaggaagca gataagaaca atgaattttg gactaaagga 180  
agtaagaaca atgaaccaga aatcagatag gaatgtggtg ataattgtga catggtcaca 240  
tagtcatagt gggagctcat gtgagtaaaa atagcttgat acatttggtta agaggcttgt 300

<210> 347  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 347  
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aagaatggat ccctgcagag acccctccag tccgggatcc ccactctcgt ggtaggctcc 180  
ctcagacgca gccccaccat ggtccttcgg cctcagcagt tccaattcta ccagccacag 240  
gggatccctt cctccccctc agccgtgggtg gtggagatgg ggtccaagcc tgccctcacg 300

<210> 348  
<211> 300

<212> DNA  
<213> Homo sapiens

<400> 348  
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gcatcttccc aaacaattac gtcaccccca ttttcagaaa gacctctagt tttccagact 180  
cccggagccc tgggtctctac accacatgga cgttatccac ctectctgtg tcctcccaag 240  
gcagcatttc agaaggtgat ccacggcaaa gccgtccctt caaatccgtc tttgtgcccc 300

<210> 349  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 349  
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cattattaca aaatgatgct tacgacgatt gcttaaaagg tatgttgatt ccttgcatte 180  
caaaaattca atctatgatt gaagatgcat ggaaggaagg ttttgatcct cagggggcct 240  
ctcaacttaa taacagggtta caggaacaa aggcctggat tggagcatgt gaagtatata 300

<210> 350  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 350  
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tggatacaaa aaggatacgc cgagccaatc aaagacaagc ttttaacttta ctttgaagtg 120  
tttctgaaat gataaaatgt agccctagcc ccctgccctc aattgtaaag tgagcaacca 180  
ttgctagtaa ttctttaatg tgtataaatt caatttcagg tataacaaat gtgatcatga 240  
catgaaaata ttctagaata gatactgtat taaatattgc catgtttaca atatgtaata 300

<210> 351  
<211> 251  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(251)  
<223> n = A,T,C or G

<400> 351  
cacactccag gctgagaaag agtaattagg aggcctgagg aggggccgag gaaaggctgt 60  
tgggggtgtgc tgggggttggg acccgagcgc ctccccctca cctcaaccag agaagagcat 120  
ccggttgctt tttaaagctt ttagcctgcc cttagcaagga caaagcatgt tagattagag 180  
atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgnnnn 240  
nnnnnnnnnn n 251

<210> 352  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 352



atccagatgg	gatacctcta	agacgaaaa	gaaagaagat	tccattagt	agctttaag	60
tttggctaga	tcaaaagccg	agacaccta	acaacagtcc	agccccttag	taacaaaga	120
ggaagagcat	gcaccagaat	catccgcaa	tcagacagtc	aacaaagatg	tggaacgaca	180
ggctgaagga	gaagggagcc	gcccattcat	ggacttattc	agggccatct	ttgccagttc	240
ctcagatgaa	aagtcctcat	cctccgagga	tgagcaaggt	gacagtgaag	atgatcaggg	300

<210> 353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 353

tgtctacact	ggccgagtct	ctgggtctgt	ctacactggc	cgagtctccg	actgtctgtg	60
ctttcactta	cactcctctt	gccaccccc	atccctgctt	acttagacct	cagccggcgc	120
cggacccggt	aggggcagtc	tgggcagcag	gaaggaaggg	cgcagcgtcc	cctccttcag	180
aggaggctct	gggtggggcc	tgctcccat	cccccaagc	ccaccagca	ctctcattgc	240
tgctggtgag	ttcagctttt	accagcctca	gtgtggaggc	tccatcccag	cacacaggcc	300

<210> 354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 354

ccccctctt	ctaggatgag	ccactgtaga	tcattaaagt	tctccttga	gaggctgagc	60
cgtagccagg	attggggaga	gcccttgtct	ctggtcagcc	ctggagcatg	ggatcgtggg	120
aaagaggagg	gggaccaggc	ccagggcagg	ggtcagaggc	ccaggccctg	acttcggctt	180
cccagagatc	tctccgcctt	agttaagagc	atgtgtcggg	aaattcctca	gagtgtcag	240
agtccttgta	ttttataacc	ttttacaat	gttaactgtt	cagaactgtt	ttttgtaaca	300

<210> 355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 355

cttggaatg	cttctagctc	cggacattcg	acatgaaaga	aatgtgattt	tgcagtgtgt	60
tcggtacatc	atcaaaaaag	acttttttgg	actggatact	aattctgcga	aaagtaaaga	120
tgtataggca	tctggtgttt	cagcatacat	aactgaagca	tgtgaaacag	tatcatcctc	180
gttagtagag	gaaaacaaa	accctttttt	ccgtcaaaat	tggatttgta	attaaattgt	240
aagcctcgta	ggatgtatgt	tggaatttta	agtctttcct	ttggttctat	gcaaataaaa	300

<210> 356

<211> 300

<212> DNA

<213> Homo sapiens

<400> 356

ccgaagcaga	ggacccggac	gatgaggctg	ggtcccactc	agcctcgccc	agccctgctc	60
aagctgggag	tcccctccat	ggagacacat	cacctgcagc	cacccccaca	cagcgcagcc	120
cacggacctc	ctttggctct	ctgacagaca	gcagtgaaga	ggcactggaa	ggaatggtac	180
gggggctgag	gcagggtggc	gtgtccctcc	taggccagcc	acagcccttg	accaggaac	240
agtggcggag	ctctttcatg	cggcgcaacc	gagaccctca	gctcaatgag	cgagtgcacc	300

<210> 357

<211> 300

<212> DNA

<213> Homo sapiens

<400> 357

gacagaccgt	tgagaggacg	tgagggcccg	agagggggta	tgcgcggcag	aggcagaggt	60
ggccctggga	acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atttgaaaga	120
tatggtggga	atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	180
cgaacctggg	gatcgggtaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	240
cccacagtgg	tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	300

<210> 358

<211> 300

<212> DNA

<213> Homo sapiens

<400> 358

atcaccctgg	cacgttcccc	tcagctgggc	tctgcagggc	agctaagatt	gggcactgat	60
gttcctggct	tcagtcctac	ccgggttatg	cagctacggc	ttcatacata	caccagttgc	120
actaacttgg	gatgaaaatt	aagttaaaac	cagtagaaaa	tttcataccta	tgttttgggtg	180
gtaaaagaag	caaatagaaca	aataaataga	ggctgccaaa	cagttgtctc	accaactgtt	240
ccgactagct	aacaagatta	gctaggtcat	acctagtcgt	aaaagaatac	tataagaact	300

<210> 359

<211> 300

<212> DNA

<213> Homo sapiens

<400> 359

ctcgattcag	cattatacta	ggctgcctcc	atgtgttttt	caaagcccca	ttcaagtttt	60
acttctatgg	taaactaatt	ttacatacac	aaatcttttc	atcttctgaa	cttcctttat	120
ggctttactg	tcacccact	agtatttgat	gtcttagcta	ttaactaatt	cctgatcatt	180
tcacttgtca	catcaggaac	cctatcctct	tagttctccc	attgagattt	cactgctgga	240
ctaagattat	tcttgattcg	tagtcattgg	tttctgtttc	cattcatttt	cagcactgat	300

<210> 360

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 360

ggagtttttt	ttttcattat	aattttttca	ggaaagactt	atggaaaaaa	atatctctct	60
cccacctcct	tttatcccca	tgagacacag	tttccactg	taatcagggg	aatatgcatt	120
tgtaagttct	gatatgtgat	tcattttatgt	gatggcaaag	ataagtctgt	cttgaatgca	180
ggtactannn	nnngttnnac	annttatnnc	aatntcaanc	aacnntaatt	nctactacnn	240
ngtnttctga	nnaagangnn	ntnntcattt	agatntngnn	accntnctga	tta	293

<210> 361

<211> 300

<212> DNA

<213> Homo sapiens

<400> 361

gtgatccgca	agttgtggaa	gaaatacgcc	aagcaaataa	agtagccaaa	gaagctgcta	60
------------	------------	------------	------------	------------	------------	----

acagatggac	tgataacata	tcaataa	aatcttgggc	caaaagaaaa	tgggttg	120
aagaaaataa	aattgataga	attttggaa	ttccagaaga	ctttgactac	attgactaaa	180
atattccatg	gtggtgaagg	atgtacaagc	ttgtgaatat	gtaaatttta	aactattatc	240
taactaagtg	tactgaattg	tcgtttgcct	gtaactgtgt	ttatcttttt	attaatgtta	300

<210> 362  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 362						
ccaggtagct	ctcaaacttc	ctcctcaatc	cactcctcct	tttacattca	tggaaagggg	60
gggggaaaga	agcccagctc	ccaaggctcag	ccagttacac	cagaagcagt	gcccaaccaga	120
atatgagccc	cgccctggga	cagggcacag	agccctcact	agcatgctgg	agaggggcca	180
ccccaggtcc	tgggtgtccc	tatacccagc	tgcttctctt	caagctgggtg	aagccctctg	240
cactgccacc	acctcctccc	ctaccttggg	actttgtgtt	taatcctgga	agtcacaatt	300

<210> 363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 363						
attacctcca	aatctcaagg	cggccttgaa	cattgagaaa	gaactaccaa	agccaagaca	60
cgttttcaga	aggaagacag	cctcctccag	gagcatctta	cccgacctct	tgtcaccgta	120
ccaaatggcg	atccgagcaa	aaagactgga	agagagccga	gcggcggcgc	tccgagagct	180
ccaggagaag	caggctctga	tggagcagca	gagacgagag	aaaagggcac	tgcaggagtg	240
gagagagcga	gcccagagga	tggagaagag	gannnnngag	ctcagcaaac	tcctgcctcg	300

<210> 364  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<400> 364						
cttcaggaac	tagatgtata	tgcacaaggg	attgagttaa	cactaaaact	aggaaatgga	60
gttttcaatc	tatgttcttg	cctcttcata	cttttattta	ttttttgtca	tcctgcctta	120
tactgggcta	acaatgagat	aaaataaaaa	tacctttgaa	tactcttttc	cctttcatgc	180
atttaaagcc	atggaggaac	tagaccatta	gctgttgccg	tcacatgctt	agacaccagt	240
ttacttagcg	tgttatgacc	tt				262

<210> 365  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 365						
agttggagaa	cattatgctg	gagagagaat	ataaagaaag	ggagatgttg	gaaacttctc	60
aagctgctgc	tctgtttctg	cccaaccgca	tgggtgcctg	acctgactac	aattcctaca	120
aaagtgccta	cagccccagc	ccagtggaac	caccaagcaa	ggacttctgt	aattttttgc	180
ccacctgcct	tgatttaacc	atgcagtatt	cagggctctg	gaatatggaa	ctaatttctt	240
ctaattgtcag	cgtggccaca	acttatatac	agtatccctt	gtcctcaaga	tttttagttt	300

<210> 366  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 366  
 gatgctgttg tgacatctcg gagtgaggat gatgagacaa aagaaaaaca agttcgagac 60  
 aagaggagaa aaacccttgt tataattgag aaaacctaca gcttactcct tgatgtggag 120  
 gactatgaaa gacgttatct cctaagtctg gaagaagagc gacctgccct aatggatgac 180  
 agaaagcaca aaatttgtag catgtatgac aacttaaggg ggaaattgcc tggacaagag 240  
 aggcctagtg atgaccactt tgtacagatc atgtgtatcc gaaaaggga gagaatggtt 300

<210> 367  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 367  
 cagtcctccc cacactcaga gatctgtggg gaagctccgc ccagccacac tccttgggat 60  
 aatactagcc ggttctgcct gattcctttt ccccgaggcc agcctagggg gcccgggact 120  
 cctctagtga gccttgactg ttaggtaaga gacaggaagc agacaagcca agaggttgct 180  
 gcagctgccc ccaggaggaa acgggcagca gggagtgtgg ccagccccc actgtacccc 240  
 tccaggggccc cgagcccttg ccagcccaat gacaccttga agtcaccact tttcctttct 300

<210> 368  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 368  
 attttgctgg acactcagac acaattttaga gtattttatat ataacttgaa aacagtaaca 60  
 tttccaaaaa ccgatgaacc ccaccctgtc ccaaggaatg attggtatgt atgtgaagtt 120  
 cattttctga caaaaataat tacgttccac ttaggatgca caaccatgct gtcctgtaga 180  
 gaagtcacaa gttttgtgag aattttttaa ctgatgatgt ttatttccat ggtaacatga 240  
 gtatacatatt taaccttctat tgtagtgatg aatcacaatt agtctttttt tataggttgg 300

<210> 369  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 369  
 atgggaccaa atttaagcaa tttttgtttt tggctgaaga gacacccaaa tattagagga 60  
 caaatatttt tagatccatt taaggagttt tgaagtgcct aagatgacct atttgtcagt 120  
 ggtgcaaaat taattctctt cttttttgag ttgtagtga tatgcaattt ctgtgttccc 180  
 cttccaccct ttaaattctta ggatgacaag ttataaagaa agaagatctt tgtctgggac 240  
 ccccaaaggg atcctttctc taangnctct gacagagggt ccaggaccag acct 294

<210> 370  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

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<400> 370
cacactccag gctgagaaag agcattagg aggcctgagg aggggcccga ggaggctg      60
ttgggggtgg ctgggggttg taccgagcg ccttcccctc acctcaacca gagaagagca    120
tccggttgct ttttaaagct tttagcctgc cctagcaagg acaaagcatg ttagattaga    180
gatgcttctg ctgatcgagc gggttcttat ttgaaaacat ctatgatggg ggaggtgtgt    240
g                                                                    241

```

```

<210> 371
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

```

```

<400> 371
ccaagtgcga gggagcttgt ggcccttttg tgtttattgc agcagcttta gttctgcagt      60
ggaggtgggc tggagcaggg gacgaggtct tgggagtctg tgaggccact ctggccgagg    120
gtgtggggtt gcttcctcag ctgaagggat acatgggaaac ccacctttgc atagttcagt    180
aggggttacg gtgtgggttca tggaagccat ttctgtgggt tgnnnnnnnn nnnnnnnnnn    240
nnnnnnnnnn nntnntnntn nnccagaatn atgagntcaa nanannagcn tgatatg      297

```

```

<210> 372
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 372
gttttttggg gaacactgat tttattggtg tcttagatcc ctagtctacc caaataattt      60
taacagtact gttttttcta atcctgaagt ctgatattta tgactcatta gcaggaatca    120
aaactagtga tcagtagaac actttcaaaa taaaaatttg gaatgcagac ttttatgaaa    180
atttaaaagt gctccttaac agaatatcat gggttttcct ataaaacttc ttttaagtatt    240
gtaattccag tctgccccaa cttaaaaaaa aattcttatt aatatgtcag tcattaattg    300

```

```

<210> 373
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 373
gtcaagttca agtcacacag gtttgctgac tgcgccatat tgttgctgac acaactggag      60
actggactta ggaatgtttt tgccacactt aacagatgtc caaaaagact cctgactgct    120
gagtcaacag ctctttatac cacctttgat caaatatttg caaaacactt gaatgatggg    180
aaaatcaatc agcttctctt tttccttgga gagcctgcta tggaatttct ctgggatttc    240
ctgaaccatc aggaggggtc ccgcataaga gatcatttaa gccacgggga gatcaactta    300

```

```

<210> 374
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 374
gaggcctggg tgcggaaact gaagtggcca gaactgccta aattcagtca gctgaagtgg      60
aaggccctgt acagtgacct taaatctttg gaaacatctg cttttgtcaa gtcctacaag    120
aaccttgctt tctactggat tctgaaagct ggtcataagg ttcttctga ccaaggggac    180

```

atggctctga	agatgatgag	atggtttgg	ccttggggca	cagagctgag	atggccgc	240
tgaagctgta	ggaagcgcca	ttctccctg	tatctaactg	gggctgtgat	caagaaggtt	300

<210> 375  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 375						
ggaggcaggg	atcaacgtga	cggtgtataa	tggacagctg	gatctcatcg	tagataccat	60
gggtcaggag	gcctgggtgc	ggaaactgaa	gtggccagaa	ctgcctaaat	tcagtcagct	120
gaagtggaag	gccctgtaca	gtgaccctaa	atctttggaa	acatctgctt	ttgtcaagtc	180
ctacaagaac	cttgctttct	actggattct	gaaagctggg	catatgggtc	cttctgacca	240
aggggacatg	gctctgaaga	tgatgagact	ggtgactcag	caagaatacg	atggatgggg	300

<210> 376  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 376						
ggaggcaggg	atcaacgtga	cggtgtataa	tggacagctg	gatctcatcg	tagataccat	60
gggtcaggag	gcctgggtgc	ggaaactgaa	gtggccagaa	ctgcctaaat	tcagtcagct	120
gaagtggaag	gccctgtaca	gtgaccctaa	atctttggaa	acatctgctt	ttgtcaagtc	180
ctacaagaac	cttgctttct	actggattct	gaaagctggg	catatgggtc	cttctgacca	240
aggggacatg	gctctgaaga	tgatgagact	ggtgactcag	caagaatagg	atggatgggg	300

<210> 377  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 377						
gatagcttaa	agcaagttaa	caagtaatta	aaatggacag	tttgccatta	aagatattta	60
atagtgggtt	tgcatgttac	tggcttgaat	tttctggact	tgagttaact	gaaggagagc	120
ctcaaactat	agtaacttca	tttttaaaag	ttactagaat	ttggtatcct	gatttatatt	180
gcagtgtttc	aaaggtgtca	ctgtcagaca	aatagaaaca	ctgccaactt	gggtgtaactt	240
aagctttcat	ttaactaaaa	cattcttttc	ttgcaaaact	tatttttcat	gatcattttt	300

<210> 378  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 378						
ataacacaca	tcacagtatg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	60
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	120
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgctctct	ccattccaag	180
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	240
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	300

<210> 379  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 379

ttagtgtact	ggatgtcagg	tcaaaag	attccttgga	ccattttcat	gtgaatgaag	60
aataaatcaa	ttgtctttca	ttgatcaca	cggacaacct	gctggcttct	gtgacgact	120
ctggggcaat	caaaatccta	gacttggaaa	acaagaaagt	tatcagatcc	ttgaagagac	180
attccaatat	ctgctcctca	gtggcttttc	ggcctcagag	gcctcagagc	ctggtgtcat	240
gtggactgga	tatgcacgtg	atgctgtgga	gtcttcaaaa	agcccgacca	ctctggatta	300

<210> 380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 380

ttagtgtact	ggatgtcagg	tcctcaaaag	attccttgga	ccattttcat	gtgaatgaag	60
aagaaatcaa	ttgtctttca	ttgaatcaaa	cggaaaacct	gctggcttct	gtgacgact	120
ctggggcaat	caaaatccta	gacttggaaa	acaagaaagt	tatcagatcc	ttgaagagac	180
attccaatat	ctgctcctca	gtggcttttc	ggcctcagag	gcctcagagc	ctggtgtcat	240
gtggactgga	tatgcaggtg	atgctgtgga	gtcttcaaaa	agcccgacca	ctctggatta	300

<210> 381

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 381

gaactgctgg	ccgagccgcg	tgggagtcta	gaaagagaaa	atctgtttct	agacctcagt	60
tattttccca	tttttggttg	ttttgaagca	gtaacatttt	tctcagtgc	catgcaattt	120
gggttttaga	gaagatggcc	accagctggc	ttcctagata	ttttaaactt	ttgttcttta	180
atatgctgtc	catggctgag	tttattagta	catgggctta	gcgaccacac	aaatattcta	240
ttacgaaact	gttncagaaa	taaattngca	ctgtncattc	ntctggcctc	gctggt	296

<210> 382

<211> 300

<212> DNA

<213> Homo sapiens

<400> 382

gccaaacttca	attccctttt	agtcactctac	ttcctactaa	cagctgtaac	taggatgagt	60
caaaatcaat	tgcctatgct	caccagatcc	ctgataaatt	cccatgaagc	cacctgaaag	120
gtggtaaaaag	caaggtaaaa	cgtggtgaaa	gcaaggtaaa	gaaggtagat	ttcacaattt	180
tgtttttttaa	aaaggggaat	cttccttgaa	ttctttgagg	tactaagtac	gtggtttaat	240
gcataattttc	attcttggtta	gcagttttaa	aataatgttt	cagagactgt	attcacgatt	300

<210> 383

<211> 300

<212> DNA

<213> Homo sapiens

<400> 383

gataggccac	attccagtaa	gaactcaatt	tgactcccaa	atttgcagaa	acaaaacgtg	60
attttaaagc	tgagcttttt	atcagaaagc	ttttttgatg	ttttaagtgt	tatgtgactt	120
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	180
aactaattct	gattgtgtcg	tgcccaagta	cccttttttt	ttaatgaata	gggaccaatg	240

ccacattgct ttttatattc ctttat taatgatgcc aaaacaaaa gctgtgt 300

<210> 384

<211> 300

<212> DNA

<213> Homo sapiens

<400> 384

cttttagttca	gataaaggaa	acatccaaaa	atactgagat	gagtaaaatt	ttattcaaag	60
taggttcctg	ctttgtcttg	atctcaatcc	attctaactc	ctgatgtcat	ttaccgtgtg	120
agatcttagt	acaatcatga	aaagaatatg	agcattttatc	aaaactctct	gacatctgta	180
tgtttagaaa	tgaacttaca	cagcaaaata	tgatttcctt	gcacttattt	aatttttcta	240
acttcaattt	ctacctatgt	gtctctgcca	gtttgacctg	attcagacac	ccagaacttg	300

<210> 385

<211> 300

<212> DNA

<213> Homo sapiens

<400> 385

cctttccaag	cccactgctc	agccttagag	gaaagtgtgg	atttgaaatt	tcctcatgga	60
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tcaagggatc	tagaagatgt	tagtgcacac	gcaaaaacca	gacaaacgtc	tctacacgga	180
taaaggcaca	tatacaatta	tgcacacagg	gaagggcata	cactctattg	tgggcacaga	240
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<210> 386

<211> 300

<212> DNA

<213> Homo sapiens

<400> 386

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ctacttacta	gttagtattc	tatattaata	agtatgccaa	atgacttaac	tcctccagaa	180
atgttattcg	ttaaagatg	agatgtgctg	agacaagagg	atcgcttgag	tccggaaggt	240
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<210> 387

<211> 300

<212> DNA

<213> Homo sapiens

<400> 387

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aggagcgtga	gcggagggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcttacgga	180
agaaagccag	acatcagaac	tactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
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<210> 388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 388

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aactactata	agaggataga	gcccgcagat	gctcatgtgc	tgagaaaaaa	cctcaaagtt	240
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acaaagatgt	cagggtacca	aatcatttgc	tagtagatcc	taacaatatc	acctatagga	180
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cttatctacc	ccgtggattc	aatcttctta	tcagaagggt	cttttatgtc	aaaaaacctg	240
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acacgtgcgt ggcgggtgcg ctgctgtgcg gggctgggct gctcttccat gggatgctgc 240  
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<212> DNA  
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ctgcgacgtg gcagtcattc ctatggacag tgacagccct gtacacagca ctgtgacctc 240  
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caggggcagg ggcaccgc acacccttgt cccgggcctg tctgggactg gccttcccgg 180  
ctcagccagt gaggtcaga agggacacaa agagggatgg aagaaaagaa caaagagaaa 240  
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<210> 396  
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<212> DNA  
<213> Homo sapiens

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ctttctatc ttattagaaa gattagaatt gcttttctag agttccagta atggaatcat 180  
acagtgtcta agtctgtttg tgggtgtgta acaaaatacc tgagactggg taatttataa 240  
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<212> DNA  
<213> Homo sapiens

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ttaggtattc agtattttaa tcacaaaatt tgtgatttga acattttttt ctctcttcat 180  
gagattttta gtggattgat acttgcttct cattctgtcc cgatgtctga cctttgtaat 240  
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 taaactatac ctcttcaaga ggtatcctgt tctgtaaagat cagatgtttt tattgcaggt 180  
 caatataata ctgccagaga cagaaaatac ccccttatca gtcccttagt gcctctttcc 240  
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 <213> Homo sapiens

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 aagagatgag gcggcagcag aagctaaagc aggccaaact ggtggagcag tacagagaac 180  
 agagctggat gactatggcc aatttggaga aagagctcca ggagatggag gcacggtacg 240  
 agaaggagtt tggagatgga tcggatgaaa atgaaatgga agaacatgaa ctcaaagatg 300

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 <212> DNA  
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 gggagaaaaag tacagtgtctg ttacgtggca ctgtacagtc atgtgccacg taacagcgtc 180  
 tgggtcagtg acggacactt acctgacagc ggatccacaa tattctcgtg cagtgtgttt 240  
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 <213> Homo sapiens

<400> 401  
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 ggtgaggaga cgcgtaggga tggtagggag gggagaggag ggagacctgc tggtgccctt 180  
 gcaccagggg gaggcctgac tcacgtctgt tccccccaca ggccttgcct tgcctgcctg 240  
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 ttttgcagtg ataaaaatgt cctaaaattg actgtagcga tggtcacaca actctgaata 180  
 tgcttaagac cattgaatta cacactttac gttggtgaat tgtatggtat gtaaattata 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 403  
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 accccggttta ttgtagaact ggggggttcag agggcaggtg cctcagagtt gagggccacac 180  
 agtgaggtct ggtgggtgaa aggacccagg aacgaggcgt tcaggaaagc aggttggtcag 240  
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 <213> Homo sapiens

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 actgtgaact cttcgaatgt aggactccta gagctagata ctcaattatt ttttattaaa 180  
 ttgaatgact tgaaactaca gatccctttat ttaaacttcc caaattttctg ctttatctag 240  
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 cagccaagac cacttaaaaa ccttggtgctg gttgatgagt tggacagcct ctctccatt 240  
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<210> 406  
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 <212> DNA  
 <213> Homo sapiens

<400> 406  
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 aaaataaaag tattcccttt tgagtgtgaa ttaggaatca atgccccttc tcaactattt 180  
 tgtgaaaaaa atcacagttc ctgcagcaag tctatgcctg ggtaacaacc aaccacaaa 240  
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<210> 407  
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 <212> DNA  
 <213> Homo sapiens

<400> 407  
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 gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt 180

tgtgctgaag	gccctgagat	tggcccgga	ggggcgctctg	cgaagggacg	ggcgggc	240
cctcagctcc	ctgctcgctcc	aaagcaacaa	caaggtcatg	gctgctgtca	gcccagct	300

<210> 408

<211> 300

<212> DNA

<213> Homo sapiens

<400> 408

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taaggttgca	gaagtagaag	cacaagattt	gacagctcat	tagatattaa	agaagaccaa	120
tgaatcagga	gatggtaatg	ccaagattta	gacccgctgg	aacgatgatg	agttgggtgg	180
ggtgagagta	agtagtgagc	ataatgatat	gttgaaatca	gtaggaagat	tgtgtttgag	240
gaaaatataa	ggtatccgtc	cattcattct	ttattttattc	ctgttaatct	ttaaaaagct	300

<210> 409

<211> 300

<212> DNA

<213> Homo sapiens

<400> 409

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aggaggaggc	ccagtgaccc	tccaggacta	tcgcctccca	gacagtgatg	acgacgagga	240
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<211> 300

<212> DNA

<213> Homo sapiens

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ttaaagccat	tacagtgtca	ccacaggatt	gtaagaatta	caaatgcgtt	ttccagagtc	180
cccagagaaa	aaggagtctg	gcagttagaa	gagtaaagtg	catctgtcaa	caaaagaaat	240
accaaagatg	agactacagc	agcgacttgt	cacctcttcc	gtgttgctac	tgcttgagaa	300

<210> 411

<211> 300

<212> DNA

<213> Homo sapiens

<400> 411

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aaaatagttc	tggtgaattt	caccttggca	atgtaaattg	atagcttata	ttcacagatg	180
ccagacaatg	gacaactcac	catcagtcct	ctgctcacct	gagacaaatg	catgtctgat	240
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<210> 412

<211> 300

<212> DNA

<213> Homo sapiens

<400> 412

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gattctgact	taacccactg	tttgcccaca	tcttgagcct	tggtttccct	atctgtaaaa	180
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<210> 413

<211> 300

<212> DNA

<213> Homo sapiens

<400> 413

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agccttgagg	aaatatatat	tcagaatata	ggtgaaagta	ttctttacct	gtgggtggag	180
aaaataagag	atgttcttat	acaaaaatct	cagatgacag	aaccaggccc	agatgtaaag	240
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<210> 414

<211> 300

<212> DNA

<213> Homo sapiens

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<400> 414

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tgtaatttta	aagggtttac	atttttaaaa	atttaatagg	gtatcagtta	actaatttta	180
cttagatgga	acttctgtaa	gcttagtagg	tatgcttaaa	taaagcctgc	taataaaata	240
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<210> 415

<211> 300

<212> DNA

<213> Homo sapiens

<400> 415

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tgaactcatg	gctaaaaaag	aaagagaaa	tcagatggaa	ctttctgctc	tacagtccat	180
gatagctgtg	caggaagaag	agctgcaggt	gcatgctgct	gatatggagt	ctctgaccag	240
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<210> 416

<211> 300

<212> DNA

<213> Homo sapiens

<400> 416

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attggcaacg	agttaaatat	cacccacgag	ctctttgaca	tctgtcttgc	ccgagccaag	180
gagaggtggc	gggtcccttag	cacaggaggc	tctgaagtgg	agaacgaaga	tgctggtttt	240

tcagcagcag acagagaagc cctggag cttattaaac tggacatttc t acattt 300

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<212> DNA

<213> Homo sapiens

<400> 417

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agagcttttg	ttgagtatag	attctcctag	gcttaccgta	gagttacatc	ctgataagcc	180
cattataagt	tgaaaatgtt	tttagccgtg	gtggctcatg	cctgtgttcc	cagaactttg	240
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<210> 418

<211> 300

<212> DNA

<213> Homo sapiens

<400> 418

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gtgagagggg	gacagaggtt	tgtgaagcgc	tttgacaccc	tgggcatctg	gtcagtgttc	180
agtaaagcc	agctgggctc	agtgggtgcac	tcctgtaatc	ccagcacttt	aggaggctga	240
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<211> 300

<212> DNA

<213> Homo sapiens

<400> 419

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tccggggctt	ctctgtgaa	gatgtgcagc	gcgtggtgga	caccaatagg	aagcagcggt	180
tgcacctgca	gctgggggat	cccagcactg	gccttctcat	ccgggccaac	cagggccatt	240
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<212> DNA

<213> Homo sapiens

<400> 420

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catgggagct	gatggcttcg	tgccccggg	cacctctctg	cagttgcccc	agttccgcgg	180
cttctctgct	gaagatgtgc	agcgcgtggt	ggaacccaat	aggaagcagc	ggttcgccct	240
gcagctgggg	gatcccagca	ctggccttct	catccggggc	aaccagggcc	attccctgca	300

<210> 421

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 421

accaagagaa	cgcggtcaga	aggaggtgga	actggggagt	cctctcaggg	agggacangc	60
aaaagactca	aagtagatgg	acagaaaaac	tgctgtgagg	aggggaaaga	ggagcagcag	120
ggatgtgcag	gggacggtgg	ggaagacagg	gtagaagaga	tggttatgga	ggttggagag	180
atggtgcagg	actgggccat	gcanagccct	gggcagccag	gggacctgcc	cctgaccact	240
ggaaagcatg	gnnccccctg	anaagagggg	ctagtncatc	actgcagccc	tggct	295

<210> 422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 422

gtgggaactt	cccctactcc	ctggatgtgt	gtacctagca	cacttccttc	tcccaccct	60
ttttccagtt	ggatttgttt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcttagggga	cagatggcct	tctttgtcat	cttcactctc	cacccccaga	gaggagtcat	180
agccataact	caatcactca	gcccctccaa	agatagttga	tgtgtgataa	tctcataatg	240
ttgagaaccc	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300

<210> 423

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 423

cttatcctgg	tggatgtgct	atthttcttna	aggagtatga	agcccttttc	tanctatcnt	60
cccagtggag	cggagttctc	agtgnncagt	tactccatag	tgcaatccat	attaataggc	120
ttctttctct	aagtcttcat	ctcttctttt	gcttaattac	tgaaccgtaa	attcccttca	180
gagaaattta	aatgctggta	tttggacttt	atacatgata	ctttttgtag	tttcttttaa	240
tttttgaaag	atgaactgct	tcctttt				267

<210> 424

<211> 300

<212> DNA

<213> Homo sapiens

<400> 424

cctggttttc	tgctcccttag	tgggtgtggc	gtgggcaaac	gccttaactt	ccgtgagctt	60
tgacagtctg	tctgggaggc	agggctcagg	catccctggc	ctcttggggg	tgggtgagag	120
ggagacagag	gtttgtgaag	cgctttgcac	acctgggcat	ctgggtcagt	ttcagtaa	180
gccagctggg	ctcagtggtg	cactcctgta	atcccagcac	tttaggaggc	tgagtgggga	240
ggatcacttg	aagccacgag	ttcagggctc	agcctgggca	acagagaaag	acacttgcct	300

<210> 425

<211> 300

<212> DNA

<213> Homo sapiens

<400> 425



gggaattgct	cttctctccg	a	ctgtt	tctttagtct	atcaggaagt	g	ctctt	60
tgaataagt	ccttttctc	t	atctgc	cacctttgtc	ttccctctgg	ac	atcctg	120
ggggttcagg	agcttccagc	tgtgcagttg	gccacaggac	taggggagcc	cccttccctt			180
ccagaccagt	gtccacatac	ccttcctgt	gcccacacac	cttccctgt	gcccgcactg			240
tcaccacca	caagcctact	ccagcaggag	caccacagcc	ttctgcggtc	acgctgtgca			300

<210> 426  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 426								
atttcaggac	cagtgagaaa	tagtcaat	aggatcta	tatttgctt	gtaggtttat			60
gtattgccca	tttggggtag	atttaggaaa	atattttcta	aatccaagag	ttcaaaacca			120
ggctggacaa	catagcaaga	ccatatctct	acaaaaaaa	aaaaaaaaan	nnnnnnnnnn			180
nnnnnnnnnn	tngccccngn	ancccnant	tnntggngg	gntgnggng	gnggncnntt			240
ggncnnngg	gggtnagggn	tgcagggncc	ctnggcc					277

<210> 427  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 427								
ctgatcta	gagctttatg	atggagttga	agatgctttt	ggaagttgcc	ttaaagaata			60
gacaagagct	gtatgcacta	cctcctcctc	cccagttcta	ctcaagcctt	attgaagaga			120
taggaactct	tggttgggat	aatttttaaaa	tatttttctt	gctggcagcc	accagaaact			180
ggaagaggca	aggaatagat	tctctcctag	agcctccaga	gggagcacat	ctttgctgac			240
accttgattt	ttgcccagtg	aacagatgtg	gaaccctctg	cctccagaac	tagagagaat			300

<210> 428  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 428								
tttctataca	atttttcctt	ctgatccaga	gacacggaaa	aacaaagggc	aagatggaaa			60
taagggatga	gaagggtctat	gtggaaaaac	agttacaact	ggagtggtaa	ctgcaaaaac			120
caagcagctt	catgtgatcg	ttaggacaga	agaaatttct	cctttgtagc	ctagagcaat			180
attctcaaaa	tttaatgcgc	atgttaatca	tttggggatc	ttttattcat	tttttcatgt			240
ggggatcttt	taaaaatgca	aattctgatt	tggttaagtct	ggagttaggtc	ctgagcttct			300

<210> 429  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 429								
gaatcatcga	aggttgagac	cgtgtctagt	tacatagtta	taaataccca	tctatgtact			60
gatgccttct	aaatgtctat	ctccagtatg	gtcttttctt	ttaagctcta	gatccattga			120
cacctcacc	atctctaaaa	ggcatttcaa	actgaacaca	tctgatacag	aacttttcat			180
ttccttccca	actttgccca	cgccagcctg	ctcctccttc	acgctttcca	cttagtatat			240

gatcccacta ttcactcagt cgaagct taaaacctag gattcatcct tgaactgt 300

<210> 430

<211> 300

<212> DNA

<213> Homo sapiens

<400> 430

caatcagtga	taagctatat	tttgagtttt	aaaattgttt	ttacaattac	ccctgttttg	60
agtatatatc	ttgtcaaate	attctaataa	atatttgctg	ataactgtgt	ggaatacata	120
aatggtaggt	agaaatttgg	agaatcact	acatattttc	agttatcatt	ctctgtgtaa	180
attcatgctt	taaaaatatg	agaagttaaa	gtgccttgga	tattatttta	ttttctatat	240
tttgtcccat	attgtattgt	ctaattttca	ttgaaaccac	ataacatgct	tgaataggca	300

<210> 431

<211> 300

<212> DNA

<213> Homo sapiens

<400> 431

tggctggtat	tataggtgca	caccaccaca	cccaactagt	tttttgtggt	tttagtagag	60
atggggtttc	atgatgttgg	ccaagctggt	ctcgagctcc	tgaccccagg	tgatccaccc	120
acctcggcct	cccagggtgc	tggaattata	ggcgtgagcc	actgcgcacg	gcctggggag	180
gttttatttc	ttgacaaagg	tatttgatac	tcgtgcagac	cctggagggt	ctcactggag	240
agacaacatt	taggctgaga	tctgattaac	aggaggcagc	tgcaagtgcg	aggtcaaaag	300

<210> 432

<211> 300

<212> DNA

<213> Homo sapiens

<400> 432

cccaggctga	caggggctct	gccgtcttta	acatgtgact	ttctaggtca	gtcatctggt	60
cattgctttt	ccacacagca	gataagacaa	aggagtggaa	atagaggggt	agagattttc	120
tcttaaactg	gtgaggctgg	agtggtatgc	ttcattggca	agaacctggt	cctagcctgc	180
ctagctgaaa	ggaggggagt	cagggagatg	cactttgcag	ccaaaattct	gttgccaaga	240
aggggaaagt	agatttggtt	gattttgatc	tgtgtttgct	gctgtgttac	tctataattc	300

<210> 433

<211> 300

<212> DNA

<213> Homo sapiens

<400> 433

cacctagctt	tatcatttgt	aaaatgagtc	tctaggtaca	gccctttctg	gggttgagac	60
agagtttctg	aggagtaaaa	gccatgtcat	tgtggaaaca	ggcagctatt	ctcacagctg	120
gcatgagccc	actactcccc	tataatcagt	gctgataaac	tgctctcatt	tgttggactt	180
cagactttcc	tgaccacttt	tgaatggggg	ccactttgaa	tggaactttt	ctatgtattg	240
aattaaaaga	tctccaagat	aaatggttaa	atgaaaaagc	acagtgcaaa	agggcatatg	300

<210> 434

<211> 300

<212> DNA

<213> Homo sapiens

<400> 434

aagataaaag	agataaggaa	gaaaaagaaa	gcagcagaga	aaaaagggag	tggtctcgta	60
------------	------------	------------	------------	------------	------------	----

gccaagaag	acgcaaatcc	atctcctt	cccctagaag	acgatcttcc	ccctcagga	120
gagagagaaa	gcgagtcac	tcgatctc	cccgtcacag	aaccaagagc	cggtctcctt	180
cccctgctcc	agaaaagaag	gaaaaaactc	cagagctccc	agaaccttca	gtgaaagtaa	240
aagaaccttc	agtacaagag	gctacttcta	ctagtgcacat	tctgaaagtt	cccaaactg	300

<210> 435  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 435						
agagtcaagg	aaaagtgc	gatagatcta	tcccatttct	tcctccacct	ggagattcct	60
gagctatgct	cagcctctgt	ggggcagga	agactgggga	catttttagt	caggatgctg	120
agaagtaatt	cctgctggg	ccaggcatct	tttcagggct	gctgtgatgc	caacaaagaa	180
ggggccccag	gcccattcctt	actcctggtc	ccaaaaagga	tccaagtggg	atgggaagct	240
ggcagcacca	acccacttgt	agattaacaa	caacaacaaa	acaccaacaa	ataaaaaaag	300

<210> 436  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 436						
aagaaaggct	gcctttgagt	tgaccaacca	tgttgaggtg	gtagatgggt	gctaaactca	60
ctgtagtctg	agtaattgac	ttccacaagt	catccccact	gttgagcctt	tcaaaatgaa	120
gtctcagtat	atttacaagt	taatggacat	cctctctggg	gattagtcac	attctaattc	180
aacaaagaca	ttgtttgaag	tttgtttttg	tttgctaaat	gaactaaaaa	ttatgagatt	240
tgcacctaaa	ggtactgagg	taaaggagag	ccaaaagtgg	ggtagtcaat	ctacttattc	300

<210> 437  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 437						
accaggaata	atctagggct	cattagagat	gtcaaagatc	tgttctagtt	tcttaaccta	60
aaacaagagt	gttttagttc	cattttatag	gcggggagtc	tgagccaaac	atgttatgtc	120
actttccaag	tctccatagc	acagaagtct	tctgtctccc	catcctgact	ttcccagctc	180
atagggactg	tcaaaggcag	cagctctggc	cggtctgtat	gcctcatgcc	tgtaatccca	240
gtaatttggt	aggctgaggc	aggaggatca	tttgaacca	ggggttcaaa	accagcctga	300

<210> 438  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 438						
gcagaacatt	tctcaagaat	cctcttgagc	cagtaatcaa	tcctgtctca	aaaaatgttc	60
tttgccattt	cctagatact	gcacaaaagt	ggccatgtcg	acatttgctc	acccaccctc	120
caataagctg	gagcgacaaa	gggacattcc	atccctgtac	ccttagtggt	agccatgaca	180
cgatggccag	atcatggact	ccggaaagct	ttctgttttt	actggaaaca	tagcaaacct	240
tgatttagct	ccaagaaatt	gagtagggaa	atatttgttt	tttagcaatt	gtcatagtaa	300

<210> 439  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 439  
cagaaattca aataattctt tttgcttca atgccagcag aaggtccccc aggtagacat 60  
ggagaagcac tttgttttaa ataggagggt ttcatagttg catctgaagc cacctgggtc 120  
tgtaaactg tatcgtgcag gttttgggtt tggcattatt catgtttctg atcaattcta 180  
tgcaactctc atagttcctg ttacttttta gcattagctg ccaaagact tcaaaaggct 240  
ggggtgggtg acttgactgt gagactggat tataacatgg acaaacttta ttttgcttaa 300

<210> 440

<211> 300

<212> DNA

<213> Homo sapiens

<400> 440

tcccaggaat ctttgttgta tattaatttt tgataaccat ttgattaact ttaaaattaa 60  
gtatatgtgt gtatatatac atatgtatgt ttatatacac acatgtatct gtatagtttt 120  
atatatacat atatacacat agacatacag agaaccacta ctttgtaata gtgtacagtt 180  
tgttttatat ctctttactt tttttgttac tattttatct ggccagcgta atagttttat 240  
ttagattttt taaaattctg tagattaaag caaatgacag ttattgaact atcacaaaac 300

<210> 441

<211> 300

<212> DNA

<213> Homo sapiens

<400> 441

gtcccttgct cggggccatg gagacactgc ggccagtagc gcggcgccctc tgtctgaaga 60  
aggggaagtg acctccggcc tccaggctct ggccgtggag gataccggag gccctctgc 120  
ctcgcccggt aaggccgagg acgaggggga aggaggccga gaggagaccg agcgtgaggg 180  
gtccgggggc gaggaggcgc agggagaagt cccagcgct gggggagaag agcctgccga 240  
ggaggactcc gaggactggt gcgtgccctg cagcgacgag gaggtggagc tgcctgcgga 300

<210> 442

<211> 300

<212> DNA

<213> Homo sapiens

<400> 442

gcttgccgct gcggggagct cccgtgggag ctccgctggc tgtgcaggcg gccatggatt 60  
ccttgccgaa aatgctgac tcagtcgcaa tgctgggagc aggggctggc gtgggctacg 120  
cgctcctcgt tatcgtgacc ccgggagagc ggcggaagca ggaaatgcta aaggagatgc 180  
cactgcagga cccaaggagc agggaggagg cggccaggac ccagcagcta ttgctggcca 240  
ctctgcagga ggcagcgacc acgcaggaga acgtggcctg gaggaagaac tggatgggtg 300

<210> 443

<211> 300

<212> DNA

<213> Homo sapiens

<400> 443

tttctacat tcggaggctg ccctctgacg tcgtcaccgg ctacctggcc ctgaggaagg 60  
ccacgagcat cgttccctga gcccagaaa gggagatgaa gtggaaagct gtttcaaaaa 120  
cagactctgg actcatgatt ttgtttcacg gaaacaaact cgttctgctg tcaatctgaa 180  
aatgccagt ctgtgccttg gaaagaatgt ttggctttta tttaagggtt ttttttttta 240  
gtgtgtgttt tccctccaag tgtgatattt cctgctgaat taaattatac ttcagttgtt 300

<210> 444

<211> 300

<212> DNA  
 <213> Homo sapiens

<400> 444  
 ctccggagcca ccccggaaga ccatgcgcag aggggtgctg atgaccctgc tgcagcagtc 60  
 ggccatgacc ctgcccctgt ggatcgggaa gcctgggtgac aagccccac ccctctgtgg 120  
 ggccatccct gcctcaggag actacgtggc cagacctgga gacaagggtg ctgcccgggt 180  
 gaaggccgtg gatggggacg agcagtggat cctggccgag gtggtcagtt acagccatgc 240  
 caccaacaag tatgaggtag atgacatcga tgaagaaggc aaagagagac acaccctgag 300

<210> 445  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 445  
 ggttaattcc ctgaatccta cttgaacatt gtataaattt ctctttgcat ataatacata 60  
 tttgtgaatg agacatattc ccaaaaaatt cttatctctg tatgtgattg gaaaagaaaa 120  
 gatcacattt gtatattcaa caatctttca cctatttcat aagtcatttt ttcaccctgt 180  
 atagtatggg aattattttt tatgttaaat agaaactgaa tgtactgggt tgaatgggtg 240  
 cctctccaaa attcatgtac ttcttgagag ctcagaatgt gaccttattt ggaaatactg 300

<210> 446  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 446  
 gncittnaaa accatctact tgttcttttt gcaggatccc atngangtcg ggagaatgct 60  
 ggccacagat ggtgctgccc aacaggccca taccactcgt tccagtcaga ggtgcttggc 120  
 ctttggggat gatgttcgtt gttccaatca gtctcttcca atgaccagac actgccttac 180  
 ccatatttgt caggatacga atcaggttct cttcaagtgc tgccagggat ctgaagaggt 240  
 accctgcaac aaacctgttc ctgtaagcct ctctgaggat ccctgctgcc cactgcattt 300

<210> 447  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 447  
 gccagatcct gcaggagagc gcatgcaga aggctgcgtt cgaggcactc caggtgagga 60  
 aagacctgat gcatcggcag atcaggagcc agattaagtt aatagaaact gagttattgc 120  
 agctgacaca gttggagtta aagatgaagn nnnnnnnnnn ngaatgccta nntgagatna 180  
 tttgacctgg tccttntttg natttgacct ggnccanatc tacanggtca cttggttcat 240  
 ctntctggacc cctgcttntt ctgggctgng cnntnaatgc ntncgttct ttagagaaca 300

<210> 448

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 448  
 gttgctgtca cttggatttc tagctttggg agcctgttcc acctactcag ctctgcattg 60  
 agcagtatgg gcacatgccc tgtggacagt tactggacgt taatgaactc agaggagaaa 120  
 agcagtgagc cacttggttct gtgtgattta tggctacttca ttgctcttcc ttcacctcta 180  
 gtcactttct attgtacact gccctacatt ggctcctgcc aaggteccctc tctctccctg 240  
 ttttcctttt tttttttttt nnnnnnnnnn nnnnnnnnnt tgcnttnncc cccaggttga 300

<210> 449  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 449  
 gccaaagcctc ggccctccact gcacctgctg cggagtgcca cctttgcctg caaggccctc 60  
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgg 120  
 ggggttgctca gtctgtcctt ccctcatgag aagctactgc ttatgtccac agaccaggag 180  
 gagctgtcac gctggtacca cagtctgact tgggctatca gcagccagaa aaactagagg 240  
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 450  
 gccaaagcctc ggccctccact gcacctgctg cggagtgcca cctttgcctg caagtcccgg 60  
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgg 120  
 ggggttgctca gtctgtcctt ccctcatgag aagctactgc ttatgtccac agaccaggag 180  
 gagctgtcac gctggtacca cagtctgact tgggctatca tcagccagaa aaactagagg 240  
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 451  
 ccattgttag catcgtagac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60  
 actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120  
 aacatttgga tggcactggg tgcaagtaga gcatccatcc ttcggatgga atgtttggaa 180  
 aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240  
 tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300

<210> 452  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 452  
gcaggatgtg atgtcaccga gacgcagagg atactcagtc aaccaacatt tacgagcat 60  
ctacttcgtg ccgtatgtct tgtcaacgga aaggggtccc tatccagacc ccaagagagc 120  
attcttggat ctcttgcaag aaagaatttg aggcgaatcc atagagtaag caaggcaagt 180  
tactttctata tagaaggggtg cacccttaca gatcaaaca tgcttagtga tgtgtgtcag 240  
acctctgagc ccaagcaaag ccatcatatc ccctgtgacc tgcattgtata catccagatg 300

<210> 453  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 453  
cctgaggtca catgtggatt tggccagagc cttcaggagg tggaggccgg tgaggtcagg 60  
agcccagctc tccagggggc ttctgccctg actgggaagg gtgcctggct ccctaaaaca 120  
atgtcaaagc cagtcctgct gttctctgtt gccagggggc aggtctgggc ctgggccaac 180  
cacgtttgtt atcatggctg ctgccttctg gacagctgcc agctctgcct tgagagggtg 240  
tgggacctct ggatccagct gacctgacag gtcattctact caggaggagg ccctgtgctc 300

<210> 454  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 454  
cacctcctag gttcaagcga ttctcctgcc tcagcctccc aagtagctgg gactataggc 60  
atgggccacc actcctggct aactttcgtt tttttagtac agatagggat tcaccatgtt 120  
ggccaggctg gtcttgaact cctgacctca ggtgatctgc ccgcttcggc ttcccaaagt 180  
gctgggatta cagttgtgag ccactgcacc cagccaggaa tgacatttca aattattcaa 240  
ttttgctatc aacaccttaa tataaaacca aagaggtaag catgctgggt actatagaac 300

<210> 455  
<211> 221  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(221)  
<223> n = A,T,C or G

<400> 455  
ggggcgccca ttactgaaag cctgcacatg aggagtgggt tttctctctc tctcctctc 60  
aacattgagt tgatgatgat catgatgttt gagacagtgt ctactctgt cctgcctcag 120  
cctcctgagg agctaggacc acaggctcat gcctccacat cctgctacat tttttatttt 180  
ttttgtagag ttgggggtctt gctgnnnnnn nnnnnnttat a 221

<210> 456  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 456  
gaaggcagtt atatggtttt ttactttttc atcaattcca taccatcggg agtaactaaa 60  
tgaaacatac ttcaaagaaa gaagtcaaat taaatgactg tcattgcccc ttaataaaaa 120  
caacaatctg agcttaacaa aaaatttaac aaacaggga gacagaaaga tggtatatatt 180  
attgcctgac tacactggca taactcactt taacaaaaat tatcacattt aataatataa 240

cctggttatag ctaaataatta a catatt aattagggcc aactttgaag g ctaaat

300

<210> 457

<211> 300

<212> DNA

<213> Homo sapiens

<400> 457

aagtagctgg	gactacaggt	gcccaccacc	atacctggct	aattttttgt	atttttagta	60
gagacagggg	ttatccatgt	tggccaggct	ggtctcaaac	tcttgacctc	aagtgatcct	120
cctgcctcgg	cctcccaaag	tgctgggatt	acagggtgtga	gccaccatgc	ccagccaata	180
atttcctgat	ataataaaaa	tgccaatact	atacaattaa	atagtaaagt	gataaaaaat	240
aggataacat	gataaccact	aattaatata	tactacataa	tcatcctttt	cgtgagttga	300

<210> 458

<211> 300

<212> DNA

<213> Homo sapiens

<400> 458

gcagctgtgg	agagaactgt	acgtggtaag	ggggagatat	aagatgtcct	gcataagtat	60
tttccttgta	gattgcaaag	tcattctatgg	agaggaaaag	tccaaaatag	tcactgggga	120
gagcaggtga	attagatggc	caagcagggg	ggatggatca	tttgagggtt	ggggtgacag	180
atcaactgag	atccacttac	acttctgaaa	acgcaagaac	actttagaac	attaacaaca	240
cttaaagctt	tttacatcat	ttgtaaataa	ctggtggaac	ttaacaccac	aaaataaagt	300

<210> 459

<211> 243

<212> DNA

<213> Homo sapiens

<400> 459

cacactccag	gctgagaaag	agtaattagg	aggcctgagg	aggggcccag	gaaaggctgt	60
tggggtgtgc	tggggttggg	acccgagcgc	cttcccctca	cctcaaccag	agaagagcat	120
ccggttgctt	tttaaagctt	ttagcctgcc	ctagcaagga	caaagcatgt	tagattagag	180
atgcttctgc	tgatcgcagg	ggttcttatt	tgaaaacatc	tatgatgggg	gaggtgtggg	240
aag						243

<210> 460

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(260)

<223> n = A,T,C or G

<400> 460

cacactccag	gctgagaaag	agtaattagg	aggcctgagg	aggggcccag	gaaaggctgt	60
tggggtgtgc	tggggttggg	acccgagcgc	cttcccctca	cctcaaccag	agaagagcat	120
ccggttgctt	tttaaagctt	ttagcctgcc	ctagcaagga	caaagcatgt	tagattagag	180
atgcttctgc	tgatcgcagg	ggttcttatt	tgaaaacatc	tatgatgggg	gaggtgtggg	240
aannnnnnnn	nnnnnnnntg					260

<210> 461

<211> 300



<212> DNA

<213> Homo sapiens

<400> 461

ggcaggtcat	gttttcaaga	gtagccagaa	gtctggattc	ttatgcaaag	cctgttttgt	60
tgtttgtttg	tttgtttgtt	tgaagtttgg	cagcagattt	aacattttta	aagtactgtg	120
caggccaaac	aaaacacgcc	tgttgactgg	ttgtttgcca	tcctaaatat	aaagtggggc	180
ccatgtgtgg	tggctcacac	ctgtaatccc	agcatttttg	gaggccaagg	caggaagatc	240
acttgagccc	aggaggtcga	ggctgcagtg	agcagtgatc	gcaccaccgc	actccacctg	300

<210> 462

<211> 300

<212> DNA

<213> Homo sapiens

<400> 462

gccaggtgtc	attgcacatg	cctgcagtc	tggctactag	ggaggctgag	gcaggagaat	60
tttttgcacc	cagaagttca	aggctgcagt	gagctatgat	cacaccatgg	cactccagcc	120
tgggcaatag	aatgagaccc	agtctctaaa	aaagtagaag	ttaaaaaaaa	agattaagaa	180
tagatgtagg	gcagcagaat	ttcgaacttc	ttttcagcat	cacaatactt	taaaacagtg	240
attgtcatct	gcctcaaacc	cattgcctct	cacataggaa	atattttgaa	acatattttt	300

<210> 463

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 463

gctgcactnt	ggcctgcatg	cactctggcc	tgcattggcag	aacaagaccc	tgtggaagaa	60
atgaacactg	gtattagact	taaagattaa	atttcctcaa	acatgtccta	tctgtagtag	120
ttcaactaga	caccttttaa	agtgcctcta	aattcatcag	atggccaaac	tgtatttata	180
atccacttag	gcattttgaa	aaactttcaa	cctgtaaaaa	gttactttta	tcttggattt	240
attatgaaga	actttgtagt	tgctttgt				268

<210> 464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 464

catgagttaa	aggatatttt	cagtcctgtt	atcttcaatt	gcagtcttta	aaaaaaccca	60
ccctattgtt	ctacttgta	tatgtctatt	catacagtaa	attcatttca	aggtttatgc	120
cagtgggtat	tattgggtct	ttttgaagtt	gaggtgaacc	atccaggaag	gtcttggtta	180
tgttatgttc	atctataatg	gcatagggga	aatatatata	tttttaatat	tgtaaacatt	240
tgtactgaat	aacctttttt	tccccccctc	cgcaagcaaa	actgggttgaa	cagcggatga	300

<210> 465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 465

attagctgct	tgtggtgggg	caaccgc	cctcgggcac	tggggagctg	ggggct	60
gctgctctgg	ggtctccggg	ggacagct	tggggtgagt	tgaagacctc	agggatgtg	120
gaggggtctg	cggggccctg	gccgcacagg	atggccttca	gggaaggtgg	tcttggggca	180
tggtgcagag	caggtgaccg	gaggggaatcg	gtgacggagc	ggggccaagg	gaggggtccg	240
gagggagtca	gggatggagg	gcagagggag	tggatgtggg	ggtttgagga	cgtgtgacaa	300

<210> 466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 466

gaaaagggag	ccgcgcagcg	cctacgggag	tccggcggca	gcagccggtg	ccggcaacca	60
cgggcagctc	tcaggggaatc	tccgtcgtga	ggccagaggc	tccagtcccc	gcgagtccag	120
atgcctgtcc	agcctccaag	caaagacaca	gaagagatgg	aagcagaggg	tgattctgct	180
gctgagatga	atggggagga	ggaagagagt	gaggaggagc	ggagcggcag	ccagacagag	240
tcagaagagg	agagctccga	gatggatgat	gaggactatg	agcgacgccg	cagcgagtgt	300

<210> 467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 467

agtggctgag	tggaggcgcc	cagacctggg	caggcagcag	gctcaggccc	acaccttgtg	60
atttttgaaa	ccaaagccca	gaagatgatg	tttactttctc	tctccctggc	tctgcccttc	120
ttactgcaaa	ccatgctgtg	ccttagggcc	cttctcatag	ctgttcctca	tggccatgac	180
tggaacaggg	atgcaacctc	tttctacaca	agcacagtta	gttgggtgaa	gtcttttttt	240
tgtttgtttt	agacggagtt	tcactcttgt	tgcccaggct	ggagtgaagt	ggcgtgacct	300

<210> 468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 468

ctggaaatga	aattattatt	ttcacccata	gtagcaataa	aaagaatact	cagtaatacg	60
tatggaatac	tacttagtca	taaaaaggaa	tgaaataatg	gcatttgtag	caacctggat	120
ggaactggag	accattattc	taagtgaagt	aactcaggaa	tggaaaacca	aacgtcgtgt	180
gttctcactc	ttaagtggga	gctaagctgt	gaggacgcaa	aggcctaaga	atgatacaat	240
ggactttgga	gactcagggg	aaagggtggg	agggcgggtga	gggataaaac	agtgcacact	300

<210> 469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 469

gacagtacct	ttcccccccc	tttcatggcc	cattttattg	tctgcctttc	agtactaagt	60
atgaccgttc	ctatctcaga	tcttaataaa	gagaaaaaaa	aannnnnnnn	nnnnnnaatn	120
nggccttant	tgantatact	ngttagcaag	cgtnngngac	agagagtggg	gaaagctnca	180
tcattgaana	tttngataaa	ctttaccgac	ttgagtnctg	tncatntntc	cctttnccta	240

aattaactag cactgnctgn a ctttn nctgtctgac gnnntnccct t tctgc

300

<210> 470

<211> 300

<212> DNA

<213> Homo sapiens

<400> 470

actgcctcct	tccacacgag	tgcccctttg	gccaaagaag	attattatca	gatattagga	60
gtgcctcgaa	atgccagcca	gaaagagatc	aagaaagcct	attatcagct	gctctgctca	120
gttagtTTTT	attcccgggg	taccaagcag	ctgcacagtc	ggtgcctggg	aggcacgtag	180
aggcccctgg	ctcaggcaga	gggagatggt	tagactcttg	cagggctaaa	actctaattt	240
ggaattgaat	attgtggata	tcttagttaa	aggccatgct	tacagcttag	aatgaagcc	300

<210> 471

<211> 300

<212> DNA

<213> Homo sapiens

<400> 471

TTTTTTaaga	gataaggtct	tgctatgtta	tctaggctgg	cctaaacttc	tgggctgaag	60
tgatcctcct	gtgtagctgg	gactacaagc	atgtgccacc	aatgcctggc	ttctcacact	120
gttttgtaac	atagatatgt	gaagatgtgt	attatagaat	tgtttgtaat	actgtagtgt	180
tgtaggcaat	gtgactgtct	ataggggaagt	ggacagggtta	tttgtggtaa	atactcatgg	240
aaaacgggtca	agcagttaaa	agcaatcaat	tatggtcacc	cagcaatgca	gataaatctt	300

<210> 472

<211> 300

<212> DNA

<213> Homo sapiens

<400> 472

agaacagggga	gaagagagga	agagggagct	gcagggtgcca	gaagagaaca	gggaggactc	60
tcaggacgaa	aagagtcaaa	cctttttggg	aaaatcagag	gaagtaactg	gaaagcaaga	120
agatcatggt	ataaaggaga	aaggggtccc	agtcagcggg	caggaggcga	aagagccaga	180
gagttgggat	gggggcaggc	tgggggcagt	gggaagagcg	aggagcaggg	aagaggagaa	240
tgagcatcat	gggccttcaa	tgcccgtctc	gatagcccct	gaggactctc	ctcactgtga	300

<210> 473

<211> 300

<212> DNA

<213> Homo sapiens

<400> 473

atTTgactaa	atcattgttt	cacaactgaa	tagtcttggt	cttttagtag	caatgaaatc	60
ctaagctctt	gaggccattc	acctgccaac	ctgaccatac	tgctttcaaa	agtcttttct	120
catcagtaga	atctattttg	gtcacttcta	gtcaatgaaa	aatgtaaact	tttaggagag	180
aatgtttcct	aggactcacc	cactccattc	aatgtttacat	ataaaatagt	gtgatcaatc	240
acaatgtcca	tcttttagaca	gttggttaaa	taaattatct	ggtctttgaa	aagaccgtgc	300

<210> 474

<211> 300

<212> DNA

<213> Homo sapiens

<400> 474

aacttaaagg	tagttttaga	aggaagtaca	aattggcttt	catcttgcaa	acaatcgttt	60
------------	------------	------------	------------	------------	------------	----

tttacttcat	tatcttaatt	tgtgtca	ctcataaaaa	ggaaaccata	agttgt	120
agacaatgag	gaaacacttg	agttctgc	tgtgtgttct	tttgttattg	ttgttattgt	180
tgttactcag	taacttgaat	attgtttaat	gtgttgtaag	acgtagagtt	tatctcaagc	240
tgttaaaaat	ggtaatgtac	aaatgtgaat	agacacttat	ctatataata	tgggtaagtt	300

<210> 475

<211> 300

<212> DNA

<213> Homo sapiens

<400> 475

ttacttttga	ttgtgtctga	tggaactga	gttgttgcc	tttgtgaaat	gaaatTTTTg	60
gctcttgaga	aagaattctt	atgaattggt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttaa	acactttttt	tcataatata	tattccgagt	agatatttat	180
aaaatatatg	tttctttcat	tatgtgtttg	taaaattaga	gtttaaataa	atatgctttg	240
atgcatagtt	ttgaactaat	gtaacatgat	ttttcttttt	taaaacagcc	tgaaaatgta	300

<210> 476

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 476

tcatattagt	gttgccanga	gcaaaagggtg	gggnagggtgt	tgactttnan	agcacagnag	60
naanttttcn	tgttgttgtt	cgnttatctn	gattgtgtta	gtgccacan	gnctgtatgc	120
atttttcata	attcncanan	ntgtatncta	atnagggtgc	acttactgn	acataaatga	180
atctcaacag	acaaaagggtt	aatcatttg	ttcattccctt	taacaagtat	gtgtcgagt	240
cctactatgt	gctgggcact	gtaggttcaa	tggttaagaaa	agcagatata	ggc	293

<210> 477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 477

gatgagttct	tttctttctt	tccacctcct	gcaaattatg	tgatttgcat	aatttgtaca	60
tagttagggt	catttggttag	tttgatttcc	ttttggcttc	ccccatatcc	tcgttgactt	120
tttctttctt	ttgtaactta	catatgttat	gaaatttata	tgaggatata	taattttcat	180
aaatgtttat	ggtttacatg	tattagttgt	tattattaag	atcaccctgg	gattgactgg	240
ccaagcattt	ggtggaagat	agcaataaat	aatacatcat	aaaagacttt	aatgtaaaaa	300

<210> 478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 478

aagccaggag	cgaggggact	aacagcgcac	cccctccacc	agtgccgacg	gaaaccccgt	60
tttaaattaa	aaaataagcc	agtatacatc	gtagaaaatt	tctcttaaaa	atctcacaat	120
ttgtaaatgt	atattttttc	tttaacataa	aagtttacia	tataccgtaa	aacaaaaggc	180
tcaggaaaaat	aattttccaa	aaaaaggaag	aaaaagaaac	ctgaagtttt	gaattaaagc	240
tgaagacatt	tttttaaacc	ctgttgttga	accagtgact	tttttttatt	gtgctgatgg	300

<210> 479  
 <211> 231  
 <212> DNA  
 <213> Homo sapiens

<400> 479  
 cctcccaggt tcacgccatt ctccctgcctc agcctcctga gtagctggga ctgcaggtgc 60  
 ccgccaccac acccggttta ttttttgtat ttttagtaga ggtgggggtt cactgttagc 120  
 caggatgggtc tcgatctctt aacctcgtgg tccaccgcc tcggcctccc aagggtgctgg 180  
 gattacagggc gtgagccact gcgcctggcc ttgggttgtt atactgggggt c 231

<210> 480  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 480  
 gttccctct tcttgtgaga ctgggtccagg cagcccttct ggacactgca tgatcacagg 60  
 agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgag 120  
 ccgctgggta agggatgatc cttagcctggc ttattgcacc ttccttttgg cggttggctt 180  
 gtcgcgaatc ttcattcttag cacatttccc tcaccagggtg ctggctggcc taataactgc 240  
 tggtgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 481  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 481  
 gtgatcaciaa gggtcctttg ctgtggaata gtgaggtggg tgagtcagag gcagagtgat 60  
 gcaatgactg aaagactttt ccagccatct ccggctttgn atncggaagt cggtcatgag 120  
 ccagggnttg caggcaggct ntgggagctg naaaaagcaa ganaatggnt tctccctgg 180  
 agcctccaga agggatgcgg tcttgccaac cccttgtcag tgagccnttt cagatttctg 240  
 acttccagga ctgtaagana atnancttgg cttgtcgaac ggnttcagan ttcaancact 300

<210> 482  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 482  
 cctacttatt ggatgttggc tcttttgggt catggagatg gctttactgt aggtttgttg 60  
 tgttgcatta cttttcattg ggattgaact gagaaataac aaacaagctt taagtgggaa 120  
 attaaaaaaa agaagtaacc tatgtagatc caaacttaa atgtgagaaa ttattgaaat 180  
 ttcattttct acaaacttga aattagcctg ctaattgtaa agttgtttta ataagtctga 240  
 caaatgtcag ttacgtttgc aaaggagtgt atgggttctag gtatttgcct actgttaacc 300

<210> 483  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 483  
gggtgcagtg gctcactcct atccccag cattttggaa gtccatgca ggagattgc 60  
cagaggccag gaatttgaga tcagcctggg caacatagtg aaactctcat ctttataaaa 120  
agtaatatta aaatttttaa aagtgtataa actgtaaagt atattttact ggtgttttct 180  
tccttattcc tacttgtcag atgcaaatac acatttttgt gtgtttgtgt ttagtaatta 240  
taagtataca tatttcttct atttcatata tttctatgac attatatctt agatgtgtaa 300

<210> 484  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 484  
caaagaggta cagagtgaag acagtgtcct cctgtttgtt attgcatgga cgatcacgga 60  
aatcatccgt tactcctttt atacattcag tctattaaac catctgcctt acctcatcaa 120  
atgggccagg tacacacttt tcattgtgct gtacccaatg ggagtgtcag gagaactgct 180  
cacaatatat gcagctctgc ctttgtcag acaagctggc ctatattcca tcagtttacc 240  
caacaaatac aatttctctt ttgactacta tgcattcctg attctaataa tgatctccta 300

<210> 485  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 485  
gtgaggctct cttaaaaaat ttaaaaatac tgaagaaaca aagggaggag tttgtagaat 60  
ctggagtgga ggaaacttct gtgtcaccaa acacagaaac catcaaagaa aatctttcac 120  
ttccaaaatt agtctataga aaaaaaaaaa aaaatcttaa ccaaataag agactgaggc 180  
aagagcttca atcaatcgag gtttactgag ccagagttgg agcgtgccca ggaaagcaac 240  
acaagtcaaa gaaacgtctg tggcctgtgc tctcccaaga agttttcagg aggctcaata 300

<210> 486  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 486  
cattaaatac acacaagact tcaattgctg ggtcctccat tgattaatga aaaaatgatt 60  
gtttttggaa tttgagtga acacttctta atggctgagt aggggtggctt acgcctgtaa 120  
tcccaccact ttgggatcac ttgaggccgg gactttgaga ccagcttggc caacatgagg 180  
aaagcacgtc tttactaaaa atacaaaaat tagctggggc tgggtggctca tgctgtaat 240  
cccagctact tgggagtctg aggcgagagg atcgcttgag cttgggaggt ggaggttgca 300

<210> 487  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 487  
gtctagtata atcttgatgc tcaaaccaga taaggacaat acaagaaagg aagagtatag 60  
gctaattcta cccaataact aaatgaagta ttagcaaacc agattcatca ataattttt 120  
aaaaatcaag aattaattgg atttaggaat ataactgt gtataacaag ttaagagaa 180  
atatatgaga atgataagac tgcaattgaa agtagaggct ttctctggag ggaaagggtga 240  
ggaggatgtg atttgaaga acagcatggg gaggcacag ttgtattgta atgtttattt 300

<210> 488  
<211> 271

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(271)  
<223> n = A,T,C or G

<400> 488  
aancnangtn atnncaaggg tnattggntg nggaatagng aggtggatga gtcagaggca 60  
gagtnatgcn nnnnntgaaa gacttaacca gccatcacgg gctttgaata cggaagacgg 120  
tcatgagcca gggaatgcag gcaggctctg ggagctgaaa aaagcaagaa aatggattct 180  
cccctggagc ctccagaagg gatgcgggcc tgccaacccc ttgtcagtga gccatttcag 240  
atttctgact tccaggactg taagaaaata a 271

<210> 489  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 489  
aagacctgca gcttcagcat cacttgagaa gttgttagga atgcatacta gtgggccccg 60  
ccccagaca tagtgaatca gaaaccaaca gggaggcgcc tagcattgtt tttttaacaa 120  
gtgctgggtt attctgatgc acagtctagt ttaagaacca ctactttggg taaacgtttt 180  
gactgtttaa agtttatggc ggtgaagtgg gcatcttcaa agactagtac ttacacagtt 240  
tagaagattt caagggtactg ctgacagtag tttattatgt cagtatacat acgtgtagag 300

<210> 490  
<211> 275  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(275)  
<223> n = A,T,C or G

<400> 490  
gcactgtggc gctcacctgt aatcccacca ttttgggagg ctgaggcgga ggaccacctg 60  
aggcaaggaa ttcagaacca ctctgggcaa cataatgaca ctaacaaaga ctatctctaa 120  
tcaaggctag aaccaaggga aggctaataa ttgcccagta ctgtgcatct actgaaagcc 180  
ctacccaagg ccaccannnn nnnnnnnct ctntntatg ncnantcnga aanaacngna 240  
acnttcacnt tnttgactga cgactgtcna cncat 275

<210> 491  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 491  
tgatgcctta gtcacttggc cacacagttt tgtggtttac gagtcatggg aattgcttgt 60  
cttactctga ctgctaaagt tctgtcctat tgtcttttca tgtaaatagca acatgactct 120  
gatgacaaag cccaactaat tacacaactt aatttaatatg tttaaagcgc aaagggcatt 180  
ccctgagcag taaaatcttt tgtttggaaa ttttaaaaca aatttatatt tactttatgt 240  
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<210> 492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 492

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tgaatttctc	tttgagaaat	aatacctgtg	agaatgctgc	tccttcaatt	aggttcagga	180
ttggaggaaa	aatcatataa	aataggttcc	tgcaataata	ttgccccttg	agtatgggtg	240
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<210> 493

<211> 300

<212> DNA

<213> Homo sapiens

<400> 493

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gacagttgat	agccaaacaa	cagttttgga	ttcactgact	gattatgaaa	gaagcagtag	120
actggtatca	agaatcagtc	agcaaggagg	ccctcaccag	acgccagtgc	catgttcttg	180
gacttctcag	cctccatatt	catgaactaa	gtttttggaa	tccttaggct	tccacgtgtg	240
gaaagcctga	gctaacctac	tggaggatga	gccatcacct	ggagcagatt	caggccatcc	300

<210> 494

<211> 300

<212> DNA

<213> Homo sapiens

<400> 494

gtcactctgt	cacccaggct	ggagtgcagt	ggtgtgatca	tagctcactg	cagcctctac	60
ctcctgacac	aagctgtcat	cccgttttgg	cttctcaaag	tgctaggatt	ataggcgtga	120
gccaccatgc	ccgaccagtt	tctgctttta	ttaaaattgt	tcacagtttt	atacattcat	180
gttcattaaa	aatgctatth	agaaaagagt	ttgataaaat	aaatattata	caaaattcga	240
agaaaaaaga	aaagagtttc	tgtttcagtc	acaaattagg	gttattgtga	tgtgtattta	300

<210> 495

<211> 300

<212> DNA

<213> Homo sapiens

<400> 495

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aatggtgcgg	ccgggtgtgt	ggcaacatta	cttcatgatg	cagccatgaa	ccttgccgaa	120
gtggtcaagc	agaggatgca	gatgtacaac	tcaccatacc	accgggtgac	agactgtgta	180
cgggcagtgt	ggcaaaatga	agggggccgg	gccttttacc	gcagctacac	cacccagctg	240
accatgaacg	ttcctttcca	agccattcac	ttcatgacct	atgaattcct	gcaggagcac	300

<210> 496

<211> 300

<212> DNA

<213> Homo sapiens

<400> 496

gttatgaaaa	attattccca	ggtcctaagt	tccactctag	gaacttctaa	cattgccacc	60
ttgatttcag	aattatgtgc	accaataact	atgttggtcc	tctcattttt	tccacttttg	120
agcaagaagg	tcacatggca	gttaccctct	gcctgtccta	ccattgtcct	ttgggtatgt	180
gttgggcagg	taatttgtct	cttaagttcc	agaaacgaga	ttgagagaag	caatatatat	240



tcaaggagca gcatttaagg aacctac acccaggaaa tttcatctgt aacacacct 300

<210> 497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 497

gtcacatctt	aaatggatgg	tggcagacaa	aaagagagag	cttatttagg	gaaactctgt	60
ttttaaaacc	atcagatctc	atgcaactta	ttccacatca	caagaacagc	agggcacaga	120
cccatcccca	tgattcaatc	atttcctact	gggtttcttc	cacagcatgt	aggaattatg	180
ggagctacaa	gatgagattt	gggtggagac	acagagccaa	aacacatcag	atgccatgga	240
aatacaatga	ggaaaagaca	gtctttccaa	taaactgtgc	tgggaaacct	ggctatccat	300

<210> 498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 498

gcaaccttgc	cctcctgggt	tcaagtgatt	ctcctccctc	agcatcccaa	gtagctggga	60
ctacaggcac	gtgccaccac	accagctaa	tttttgcat	tttagtagag	gcagggtttc	120
atcatgttgg	ccaggctggg	ctcaaactcc	tgatctcaag	taatctgccc	actttggcct	180
ccc aaagtgc	tggcattaca	ggaatggagc	caccgcgccc	agcctgattt	ctttttttag	240
gtcttgtcag	gaaagatatt	gattcttttg	attcgtgaac	atgggttttg	gtcgtcttta	300

<210> 499

<211> 300

<212> DNA

<213> Homo sapiens

<400> 499

cttaacagag	aaggtacctg	aggctcaaaa	aggatgactg	acagtcctag	tggcagaatg	60
gaggtgggat	ctggaaccca	caacttgatt	cctaggactc	ttttttttta	attcccacat	120
tggctgggtg	tggtggctca	cgctgtaat	cccagcactt	tgggaggetg	agggtgggtg	180
atcacctaag	gtcaggagtt	ccagaccagc	ctgaccaaca	tggtgaaacc	ccgtctgtac	240
taaaaataca	aaaattagcc	aggcatgggtg	gcccatttcc	tgtaatccca	gctactcagg	300

<210> 500

<211> 300

<212> DNA

<213> Homo sapiens

<400> 500

gggctgacct	taagataagg	agatgaccc	ggattatctg	ggtggaccca	atgtaatcac	60
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tgaaagactt	aaccagccat	caccggcttt	gaatacggaa	gacggtcacg	agccagggaa	180
tgcaggcagg	ctctggggagc	tgaaaaaagc	aagaaaatgg	attctcccct	ggagcctcca	240
gaagggatgc	ggtcctgcc	accccttgtc	agtgagccat	ttcagatttc	tgacttccag	300

<210> 501

<211> 300

<212> DNA

<213> Homo sapiens

<400> 501

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
------------	------------	------------	------------	------------	------------	----

aggctttccg	gtctacctga	tctgatct	ctacagttct	gagaagcaga	aaaaac	120
aatgtaaac	aataagggca	tctctggt	gtgtgtgtg	gggtgtgtg	tgtgtgca	180
cccacacgtg	tttataaagg	tagcagttgt	aggaatgaat	gagattggg	gtgaggggt	240
gcatatgtat	gtctatgaaa	gcctaatacat	ttctgggcaa	tgatgtaaag	gttttacgac	300

<210> 502  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 502						
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actgttggtg	aatcttaagt	gattctccca	cctcagcctc	ccaaagtgt	gggattacag	120
gcatgagcca	ctacccttgg	ctgtgatcaa	gtatttagtn	nnnnnnnnnn	nnnnnnntaa	180
atagtctgaa	gtagagaaaa	tagcacccaa	tctaanataa	ggtgaggtct	anncacttat	240
ttaannctnc	nttnntnct					260

<210> 503  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 503						
gctatgctaa	acagccttta	catgtatggt	ctgggttaaag	ttcctttggt	ccttttggtt	60
taataaaaatg	tgctactgat	tttttagctc	aaaatcatca	ctgttaattt	ccagtcaccc	120
caaatatggt	taaaagattt	ttttttttta	tcatgaagag	aaaattagta	gcatttcttt	180
ctctcccat	tatttattgg	ttttcctcac	taatcttttt	ttttttannn	nnnnnnccaa	240
aaatattnat	ctnggtttna	cnthttnaatt	nccntnctta	atnggaattt	tttt	294

<210> 504  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 504						
cagaacttca	cagcagcctg	tcctcatcag	caacccaacc	accttcatca	gcaacccaac	60
caccttcac	agcaacccaa	ccacctcgtc	agcaacccaa	ccacctcgtc	agcaacccag	120
ccaccttcac	cagcaaccca	accacctcat	cagcaaccca	gccaccttca	tcagcaaccc	180
aaccacctca	tcagcaaacc	aaccactttc	atctgcaacc	caaccacttt	catcagcaac	240
tcaacacctt	catctgcgcc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	300

<210> 505  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 505

gcccagctac	gatctatatg	ccatcaa	ccactatgga	ggcatgattg	gacacta	60
cactgcctgt	gcacgcctgc	ccatgatcg	tagcagtcag	cgcagtgacg	tgctggcg	120
cttgtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcttatgc	180
ctatgtactc	ttctaccgcc	ggcggaactc	tcctgtggag	aggcccccca	gggcaggtca	240
ctctgagcac	cacccagacc	taggcctgc	agctgaggct	gctgcagcca	gggactaggc	300

<210> 506  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

ccaagtntnc	ancanccacc	aaanggnntn	nccgnatgtg	gtccttatac	acaatanagt	60
gntantcatc	catacnaaaa	gaatgagatc	ctatcatttg	caataacatg	gatgaaacta	120
aaagtcattg	tgntatgnga	aatnagnacg	gcncagaang	tcanaaatatc	acgtgttgtc	180
tcctcntctn	tagganntnn	nnnnnnnaag	ccatctgaac	tgacagagat	ggagaatgga	240
aggatgggta	ccagaagttg	gtggggaagg	gggaag			276

<210> 507  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

aaaacacaca	cacacacaac	acaatgtttt	cacgcctgta	aacctagcac	attgggaagc	60
caaggtggga	ggattgcttg	aggccaggag	ttcaaggctg	cagtgagcta	tgattgcaca	120
ctgtactcta	gcctgggaga	cagagtgaga	cactgtctct	aaaaaaaaaa	aaagtttttg	180
aaccttaaaa	tactttgttt	gaatttctaa	tcatcattca	aaagagcagt	aaaaaatggt	240
tacttgttct	tgtacaagct	actaattaga	ctatagtagg	atatttttaa	gagctgaatc	300

<210> 508  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

tgaagccagg	aaagggggtg	ggctaggggg	tgctgtttta	ggtagagtga	tggaacagc	60
cccactgagc	aaacttttagc	cacatgagta	gctggaagaa	aagccttcta	ggaccagggg	120
acagcaagtg	caacagccct	gagacaggat	gggcttgta	gtttgaggag	cagtgggagg	180
cctgaaccag	gttacatggg	gcccagccag	tatggccacg	actttgtgtt	ttatccagag	240
tacaaaggag	cctcactgag	ggacaaggga	agtggcatga	tgtgaccgc	atattaagag	300

<210> 509  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gcctgggaaa	gcgtggcgcc	catgaatatc	cgcaggagca	cgcattgacct	gggggccatg	60
gacggatggt	tgtacgccgt	ggggggtaac	gacggtagct	ccagcctcaa	ctccatcgag	120
aagtacaacc	cgaggaccaa	caagtgggtg	gccgcattct	gcatgttcac	ccggcgagc	180
agtgtgggtg	tggcgggtgt	ggagctgctc	aatttcccgc	cgccatcctc	cccagcgctg	240

tccgtgtcct ccaccagcct cccacc taccaccaga ggctgcagc cccacatg 300

<210> 510

<211> 300

<212> DNA

<213> Homo sapiens

<400> 510

tgcaacatca	ctgatatcag	catcctttaa	aatattatct	gcttcttggt	ctaagagcaa	60
caaagctggg	aattccttat	agagttattc	acaatgcctc	cataatgaat	gctgtaggct	120
gctgtgggtt	acagacatca	aagtaaagga	gcagtccttg	gaaaatctaa	tcaagggaag	180
gaagatctat	gaacctccac	ggtatatgag	tgtaaaccac	gcagcccagc	agcttctgga	240
gattgttcaa	aatcaaagaa	tacgaggaga	agaaccagca	gttaccgagg	agacactttg	300

<210> 511

<211> 300

<212> DNA

<213> Homo sapiens

<400> 511

gtatcacctg	agcaaattctt	ttaaattata	cattctgtga	tatttccttg	actttcttat	60
ccagcacttg	tattgattat	ttttcatttt	gataatggtg	ggtttttaaa	aactccttta	120
tgatggaaaa	tttcaaact	acacaaaagt	agagagagaa	tggtataata	aaccctctca	180
gttttaagga	ttgtcaacta	ataccagttt	tatttcatgt	atgactccaa	caacttcccc	240
aaccagcctt	cagattattt	gaaagcaaat	ttcagacatc	gtattttact	catacatttt	300

<210> 512

<211> 300

<212> DNA

<213> Homo sapiens

<400> 512

gggcatgggg	ccaggaccag	gggagaggca	cagctccttc	ctgagcagcc	tctcaccact	60
gccacaaggc	tccctaattg	tggtctctgc	tccactcccc	ggcttcccgt	gaggcaggag	120
gcagagccac	agccaaggcc	ctgaccactt	ctgtgccagt	tgtctaagca	gagcgectca	180
gggacgctgg	aatgcctta	aggatagagg	ctgggcatca	catcaaattg	gactgtgggtg	240
tttggtgaaa	accttcctga	ggatctggat	tcaggaccct	ccatgactgg	cctattttact	300

<210> 513

<211> 300

<212> DNA

<213> Homo sapiens

<400> 513

cgaataaagc	agaaaaggag	agatcgctga	aggaaaagtc	tccgaaagaa	gaaaaactga	60
gactgtacaa	agaggagaga	aagaagaaat	caaaagaccg	gccctcaaaa	ttagagaaga	120
agaatgattt	aaaagaggac	aaaatttcaa	aagagaaggg	agaagatttt	taaagaagat	180
aaagaaaaac	tcaaaaaaga	aaaggtttat	agggaagatt	ctgcttttga	cgaatattgt	240
aacaaaaatc	agtttctgga	gaatgaagac	accaaattta	gcctttctga	cgatcagcga	300

<210> 514

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 514

agtatgagaa	gggaggatgg	gggagaatct	gattaaaaaa	aatgattcat	tccttcacag	60
acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatgggtg	120
acatttttat	aacttcctta	agtgaagtagt	taaaccagca	gtcttaattc	tggtgggtctt	180
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gttgggtttt	240
tctttctttt	tttttttttt	nnnnnnnnnc	tncnnaaaaa	ancncccggt		290

<210> 515

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 515

anaaggcgca	ngaagcagaa	gcgcagagcg	aggacgacga	cgaggatata	gaagaggaac	60
agggggaaga	aaaggaaaag	ggagcgagcg	agaaaaggag	ggggaagaga	gtccggtttg	120
cataagatga	agaatagagt	gaaaattcct	cggaggacgg	tgacataacg	gataagagtc	180
tttgtggaag	tggtgaaaag	tacatccac	ctcatgtgag	gcaagctgag	gagacagtgg	240
acttcaagaa	aaaggaagaa	ctagaaaggc	tgaagaaaca	tgtaaaagggt	ctacttaaca	300

<210> 516

<211> 300

<212> DNA

<213> Homo sapiens

<400> 516

gctatctgaa	cacagtggaa	agatgggacc	ctcaggctcg	ccagtggaa	tttgttgcca	60
ctatgtctac	ccctaggagt	acagttagtg	tggcagtagt	aagtggaaaa	ctttatgcag	120
ttggtggtcg	tgatggaagt	tcttgtctca	aatcagtaga	atgttttgat	cctcatacta	180
ataagtggac	actgtgtgca	cagatgtcaa	aaaggagagg	tggcgtagga	gtgacgacct	240
ggaatggact	gctgtatgct	ataggggggc	acgatgctcc	cgcacccaac	ttgacttcca	300

<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<400> 517

ggaaccatga	gaaccgaagc	tagaattgct	attgaattac	tttattttct	cttcccttat	60
tgggtagaga	tacatcatta	ctggcctcag	gggtttaccc	aaagaaaggg	tatttttgag	120
caaataatgt	gatttcctgg	ctattttgtt	gggggcttaa	gatttttttt	tttcaaattgc	180
atttttagtc	actaaaaatt	aactgtcgta	ccatctagaa	ctatactgtc	cagtaccata	240
gcctctagcc	gtatgtagct	atttgtatta	agattaattg	aaatttttaa	tccagttcct	300

<210> 518

<211> 214

<212> DNA

<213> Homo sapiens

<400> 518

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ctcagacaaa gaaaccattg aatcataga cctagcaaaa agagatttag aatgttgaa      60
aagaaaagaa aagaggaaga aatgaagtgt ggctggtaaa gaggataata cagacactga    120
ccaagagaag aaagaagaaa aggggtgttc ggaaagagaa aacaatgaat tagaagtgga    180
agaaagtcaa gaagtgagtg atcatgagga tgaa                                214

<210> 519
<211> 300
<212> DNA
<213> Homo sapiens

<400> 519
agcaattcca ctccatagct caccacaggg aattgaaagc aaagacgcaa acagatgcct      60
gtgcaccaaa gttcacggca gcatccttcg ccatagtggc agcatccgtc gtcacagcgg    120
catcatcctt catcatagcg gcagcatccg tcgtcacagc ggcagcatcc ttgcgccacag    180
cggcagcatc tgtcgtcaca gcggcagcat ccttcgccaa agcggcagca tccttcgtca    240
tagcggcagc atcctttgcc atagcggcaa ggtggaaacc ctgtccatcc actgaggcgt    300

<210> 520
<211> 300
<212> DNA
<213> Homo sapiens

<400> 520
caccgccagg ccagctgtca ggaaacaggg gctctaggcc cagcttcacc acttaggagc      60
tatggctttg ttcagaaaca ttgtgactct cttaccacaca cattcctctg ctggaagggg    120
agattgacaa accagcatca tctctaattt actacaaaag ccctcactgg aaattattct    180
taacttagca gctggttaga tccattaaaa aaaaaagtaa gttagactgt gttactctgc    240
tgctcaaagc cctgcagtgc ctctcattt tacctagcgt aaaacctaaa gtcctttcca    300

<210> 521
<211> 270
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 521
cacagttctg catggctggg gaggcctcac aatcatggtg gaaggcaagg aggtgcaaaa      60
gcatgtctca catagtggca aggcaggaga gagcatgtgc aggggagctc ccatttataa    120
aaccatcaga tctcatgaga cttagtcact accacgagaa cagtatgggg ggaaccatcc    180
ccatgattca gttatctgca cctggcccca cccttgacac ntgggaatta ttccaatgcn    240
nggtganatt tgnntngnna nntttncnna                                270

<210> 522
<211> 300
<212> DNA
<213> Homo sapiens

<400> 522
attgaaggca gagaaggaag ggaggaggga atgattcaag gccaaaatgg ccacatttag      60
aagatacctc agatgataac cattgttatg tgtgtgcaat tttatttaac agtgctgtgt    120
atgtggtgga caagttatat gaaatatcta gtctttctag atatttgga gtcgttgatg    180
tatttaaaaag tggtagtaga ataacacttt gtaaatagct tttaaaaact gatgggaaat    240
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<210> 523  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 523  
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 cccctcccat cgcttgcatg accacctgag ctccatgtcc tgtcagatca gcagcagcat 180  
 tagattctca caggagcaca aactctgttg tgaagtgtgc atgcgaggga tctaggttgt 240  
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<210> 524  
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 <212> DNA  
 <213> Homo sapiens

<400> 524  
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 taaaatatgc agtataatgt tatattttatt ttttttttaa gagatggggg ctactgtattt 180  
 tgcccaggca gactcaaatt cctgggctca agtgatcctc tgccttggcc tcttgagtag 240  
 ctgggactta cagacatgtg ccaccaaacc tagtggctat ataattttta aaaatattct 300

<210> 525  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 525  
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 attggcggga ccttcaccgt cgccggcatc ctggactcat gcatcttcac agcctctgag 180  
 gcctggaaga agatccagct gggcaagatg cattgacgcc acaccagcc taatggccga 240  
 ggaccctggg catcgccagc cttgcctcca gtgcctctgc tcttttggcc ctcaatctgg 300

<210> 526  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 526  
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 tttgactaag cctccctccc ctactccctc ctttctctcc ttcttctctt cttctctatc 120  
 aatataatca ctttgtttct ttcaggtgag atcggtactg aactgttcgg ctgcgaccag 180  
 aaattttatt tcttgagtaa attgccgaga attaagaatg aagagggcca tttgcatctc 240  
 cttaaattat tcagttacct gctttattgc tccatgtgga aaacttaaaa ttgttaagtt 300

<210> 527  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 527  
 atccagagaa atgatgtgcc ttgtgtaaag ttgtgggttag gaagggacag agccaggact 60  
 ctaaattctg tcttccggcc ataattccaa aactttctcc aatgttaggt atgtaggcta 120  
 aaatgtgcta acagcacttg tgtttttgtt tctttttgtt ttacttttta ttatggcaaa 180

tttcaaacat atacagatac a	tagttt aatgaactcc catgtttctca t	gccagt	240
tcaaacatga atacatggtc a	ttgtat cacttaaact cttgcacaca ag	ctgccc	300

<210> 528  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 528		
gtaagttatt tgttaagtta gaaccctcag tgcattggtct agggatctct ggaggtcccc		60
aggacccttt cagagaagcc atgaggtcaa aactgttttc ataagcagaa ccaaacatt		120
atttgacttt ttcaatgcat tggcatttgc attgatggta caaaagcaag gatgagtaaa		180
atggnnnnnt ncttagcgng atcaagatgg naanaantgc acnaganaac nntgtntnct		240
tnnctgcann gngcntttta agactnccna ttcnaantaa ganancannn acggcc		296

<210> 529  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 529		
aaaacactat ttacctat tccaaggaag gaagtattga gattgacatt ccagtcacca		60
aatacttata ttctgtgagc tcacaagaaa ctgagggcgg ccccttagct cctatgactg		120
gaaccattga aaaggtgttt gtcaaagctg gagacaaagt gaaagcgagg gattccctca		180
tggttatgat cgccatgaag atggagcata ccataaagtc tccaaaggat ggcacagtaa		240
agaaaagtgtt ctacagagaa ggtgctcagg ccaacagaca cactccttta gtcgagtttg		300

<210> 530  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 530		
aacaggaata tggaaagaaa ctgagagccg agttagtggg aaagtggaaa gcagagagag		60
aggctcggct ggcaagagga gaaaaggaag aggaggagga agaggaggaa gagatcaaca		120
tctatgcagt caccgaggag ggtcggagc aggaaggcag ccaggagaaa ggaggggacg		180
acagccagca gaagttcatt gctcacgtcc ctgttccttc gcagcaagag attgaggagg		240
cactggtgcg aaggaagaaa atggaactcc tccagaagta tgcaagcgag accctgcagg		300

<210> 531  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 531		
cttagattct acctgtaaca ttttataaaa ctgtctttat aacacagata tctatcaatc		60
tcattctttaa atttaatttt ttttttgcaa cagagcaaaa cccagtctcc aaaaaaaga		120
aaaaggaaaa agaaatgtat ttaaattatc catgctttta gctatttact tatgagcctt		180
tataacagat tcttcatagt ctgccttcta tactcccagg gtgatgggtc ggggaagggg		240
gagctaggac ctgtctttcc tttggtctta tcaccacctc ttccaggggc tgctccttcc		300

<210> 532



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 532  
 aatagtagaa aggggtcccca ttcctgctca gcaccgcacc tctctacccc cccacagaca 60  
 cacatgcaga cacacacatg cagacaacac gcagacacac acatgcaggc actcacatgc 120  
 agggccatgc acacacacgt gcacacacat gcagagacat gcagacacgc aggcacacat 180  
 gcacacatgc aaagacacgc atgcaggcac acgcagacgc acacagagac acacatgcag 240  
 atacacatgc acacacacat acacacactg gcccctgttt ttctgtggtg tcaactgggtg 300

<210> 533  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 533  
 gatttttacgg tttttgatgg gattattcaa gtgtcagaat taactgttca aaatgttctg 60  
 aatcatgtag ataatggca ggtaactgtt tatgggagaa aagtacagt ctgttacgtg 120  
 gcaactgtaca gtcactgtgcc acgtaacagc gtctgggtca gtgacggaca cttacctgac 180  
 agcggatcca caatattctc gtgcagtgtg tttggaatcc tggctctggc tctcgtcgtt 240  
 ggcctttag atcaagtagg ggaagtgagt gatgttcagt catgctgctg ggacacttgg 300

<210> 534  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 534  
 gcctggccta aatgaagtac cacatgaccg accgaccgac ctggggaaca tagcaagacc 60  
 ccactctctac aaaaatgtaa aaaataaaaa ttagccgggt gtagtggtac atgcctgtaa 120  
 tcctagatac tcgggaggct aaggcagaag gatcacttga gccaggagt tcgaggctac 180  
 agtgagctgt gatcgtgcc ctgcactcca tcttgggtgg cagagtgagg ccctgtctca 240  
 aaataaataa tccagtcccc cccaagaaag gaatgaagt ctataatgag aaaaatccta 300

<210> 535  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 535  
 tggacggcag agcccaagtt tcaagctttc cctgtccagt ggaacgaaga ctaacctcac 60  
 cagccagtca tctacaacaa atctgcctgg ttctccggga tcacctggat cccaggatc 120  
 tccaggctct cctggatccg tacctaaaaa tacatctcag acggcagcta ttactacaaa 180  
 gggaggcctc gtgggtctgg tagattatcc tgatgatgat gaagatgat atgaggatga 240  
 agataaggaa gatacgttac cattgtcaaa gaaagcaaaa tttgattcat aataatggca 300

<210> 536  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 536  
 agtgcacgca gcccagagccc acgggcgact gacagctctg caggagagat ttcaacacca 60  
 tcccacactg tccaggcctt aactgagagg gacagaagac gctggaagga gagaaggaag 120  
 cggaagtgt gcttctcagg gaggaaccg gcttgccagc aagtagattc ttacgaactc 180  
 caacttgcaa ttcagggggc atgtcccagt gttttttttg ttgttttttag atactaaatc 240

gtcccttctc cagtcctgat tttgtacac agtagcttta gatggcgtgg aatgaataa 300

<210> 537

<211> 267

<212> DNA

<213> Homo sapiens

<400> 537

tttacatttt	gtttgaatca	ggatccaaat	aagggtttaa	tattgcaatt	tgattaatac	60
attaagattc	ttttaatcta	taagttcctg	ctccatctgt	cattttat	ttatcccttg	120
aaatttat	attgaagaaa	ctatatacct	tgctttgtaa	aattttccac	agtgtggctg	180
gctttggctg	attgctagcg	tcatttgcta	tttatttttg	tcctgtatct	tggatctggc	240
gccttgatca	gatttaagtt	gattttt				267

<210> 538

<211> 300

<212> DNA

<213> Homo sapiens

<400> 538

ggtttttgat	gggattattc	aagtgtcaga	attaactgtt	caaatgttc	tgaatcatgt	60
agatacatgg	caggtaactg	tttatgggag	aaaagtacag	tgctgttacg	tggcactgta	120
cagtcatgtg	ccacgtaaca	gcgtctgggt	cagtgcgga	cacttacctg	acagcggatc	180
cacaatattc	tcgtgcagtg	tgtttggaat	cctggttggg	gctctcgtcg	ttggccttgt	240
agatcaagta	ggggaagtga	gtgatgttca	gtcacgctgc	tgggacactt	ggatttccag	300

<210> 539

<211> 300

<212> DNA

<213> Homo sapiens

<400> 539

accagaagga	agaaggatta	ctaaattaga	tcagattttg	ctaatggaa	ataatataac	60
aatgctgggt	cctggaggag	aaggacctga	agtgtgaatg	agtttccttg	acttacacta	120
gattttgttt	tggcttataa	tgacaagaaa	atggaatttt	ttttccctct	ttctaattgt	180
taaatcccat	aaagctaagt	ttcccgttaa	aggggaagtgc	tttgaagatg	tgtaccatt	240
tttgtaagtt	aatcatgatt	atcctggaaa	aagaagaaaa	gagcttcttc	tttgagaga	300

<210> 540

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 540

gnnctataga	atacaagcta	cttgttcttt	ttgcngganc	ccatcgantc	ggaattatag	60
tattgacgtg	aatcccactg	tggtatagat	tcataatat	gcttgaatat	natgatatgg	120
ccatttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tcgtgttatg	gaaaaaagtg	cactgaattt	attagacaaa	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcataatttg	gctattg	297

<210> 541

<211> 300

<212> DNA

<213> Homo sapiens

<400> 541

aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcat	60
gagatcatgt	acaaactgga	agtgtcttat	gtcctctgcg	tgctgtgat	ggggcgctcag	120
cgaaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccttgact	taataatttg	180
tttgacaaac	tgatttgag	gaagcattca	gcatctgcc	ttgtcctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatccct	tgaagataca	gtttttgagg	cttcttcaga	300

<210> 542

<211> 300

<212> DNA

<213> Homo sapiens

<400> 542

gactgtgtgt	gctgggtgtgt	gtgtgagttc	tacgttttcta	ccatatgtga	tcagttttaat	60
agtaacttta	tttatTTaaa	aaaaagaaac	acaattagtt	actgttaaac	tgataaagg	120
tgtttatttt	taccttttag	aattggctct	atgaagaagt	agaaagtgag	tcatgcacta	180
gacagtgggc	ctagctcatc	agtggctaaa	gttgaaaagg	ggttggtttc	ctgtatatat	240
atgtatgtat	atacacacgt	acatacatc	atatatatatac	atatatacat	aatgtgctta	300

<210> 543

<211> 300

<212> DNA

<213> Homo sapiens

<400> 543

ccagagctgg	cagaagaaaa	cagtaaagct	tagagtagaa	ataaatgaaa	taaagaacag	60
agaaatatag	aaaatcaaaa	ataccaaaag	ttggctcttt	gaaaagatca	acaaaattgc	120
caaccctttt	aagtagacaa	gaaagaatga	attgttggtg	gtgcagtgg	gagcatagct	180
gcttttcaag	aacaaaaaag	actcaaata	ctaaaatcaa	gaatgatcaa	gaatgagaga	240
gtagacatta	ctacagatct	tacagaaatg	aaaggattat	taatgagtac	tgtgaacagt	300

<210> 544

<211> 300

<212> DNA

<213> Homo sapiens

<400> 544

gtctctgcaa	aagacccctc	cgacccgagt	gttcgtggaa	ctggttccct	gggctgaccg	60
gagccgggag	aacaacctgg	cctcagggag	agagacgcta	ccgggcttac	gccacccctt	120
ctcctcaaca	caagcccaaa	ctgctacccg	cgaggtgcaa	gtaagcggca	cctcagaagt	180
gtctgcgggc	cctgaccggg	cgcaggtggt	ggtgcgagt	agcagcacca	aggaggcggc	240
agccgaggcc	aaaaagagcg	tttgtcgccg	tctagattac	atcacgcaga	gcctccagca	300

<210> 545

<211> 300

<212> DNA

<213> Homo sapiens

<400> 545

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgtctg	atttaaata	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagatttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacgggcccc	240
ttccatggac	atagatgact	tcatacagatt	gctacatgga	ttcaacgcag	aaggtattca	300

<210> 546  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 546  
 gaaaggacag tgctacttgt atatgaaggt tatagaacga gcggcttttc ctcggcgtct 60  
 ctgggaacgg gtcgggctta gtaaaaacta tgagaaagca ctggagcaaa tagatgaaaa 120  
 tctgatttac tggccccgtt tcattcgaca caaatgtaag cagagattca ccaagatcac 180  
 ccaataccta attcgaatta caaaacttac actaaagcga cagaggaaac ttgttccttt 240  
 gagtaacgaa ggtggagcgt agannnnnnn nganganang aaaaggcctt nttagctg 298

<210> 547  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 547  
 agtaaagat aattgtgcc ctgcattctc acctgggtgg gtgacaaagc aagaccctgt 60  
 ctccaaatat atgtatgtat gtgtatatat atatatgcac acacacacac atatacacac 120  
 atatatatat tctgaatata tatattcgtg actccccgaa ataaattcag tttatatata 180  
 tgtaaataaa ttctgaagac tctacatgtg tgtgtatata tacacatata tttttgtatt 240  
 aacgttaata gtaatattaa catgagttca ggggtattagc cagttctgtc tttcgggatg 300

<210> 548  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 548  
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60  
 ctgttatgtt gcctgagggg gaggatctca atgaatggat tgctgtgaac actgtggatt 120  
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180  
 gtccagtcag gtctgcaggt ccgagatatg aatatcactg ggcagatggg actaatatta 240  
 aaaagccaat caaatgttct gcacccaaat acattgacta tttgatgact tgggttcaag 300

<210> 549  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 549  
 tctccttgcc tttctcctga aaggatgag actacttgcc ttactgtcat attattgagg 60  
 gaatcagcgc aaagcctgag gaaatgaaca gtagctgtgg gtcaaagcca tgtctccagg 120  
 ttcacggctc actccccag gacaagccta gttaggtagt ggctgcatct ggtatccctg 180  
 ggacagaaat gcaggtgaga gggggatatca agaatgcctc gagcctctag aactatagtg 240  
 agtcgtatta cgtagatcca gacatgataa gatacattga tgagtttggg caaaccacaa 300

<210> 550  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 550  
gaaccaagaa aatattttaa aa ctaagca gtcctttgct cattaaagga taatcagta 60  
gttaacactt tttctacaaa gaaatggtgt gcctggatgg tcgtgtaggt gagttttacc 120  
aaggattatg gtaacaaatg agtgagacct ctatggagaa aatattgaag gacattaaag 180  
aagacctcat aaatggagag agatatatca ttaatggata ggaagcctca atggcataag 240  
tatgtcagtt tctttcaaaa ctcacctatg gattcaatgt gattccaaac caaatcccaa 300

<210> 551  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 551  
gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt caagcctgta 60  
atcccaacac tttgggagac cgagggtggg gtatcgattg agcctcggag gtcgagatca 120  
gcctgggaaa cacagggagg ccccatcgc tacaaaatat tttaaaaatt agccagggtg 180  
ggtggcttgt gcttgttgtc ccggctactt gggaggctga agtgggaggg tggcttgagt 240  
ccaggagttc actgcactga gctgtgatca caccactgca ctccagcctg gacgacagag 300

<210> 552  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 552  
cgcaaactgg ctaatctctg ntananaact atgatntncc ccatnatggt gatannaggg 60  
nccttagggg gnanatngna aaaaacctnt gaccnangcn cnatganc aangnnttgn 120  
tactccacgt gtaatgcntc ncaaactntg ncntatngct ctgaanacnc tncgcgacca 180  
ngaanaatan anaagannct gnanannatg ctanantttt ggccnanana atgaacgagg 240  
ctaaagagat tcncctggan cnaannntg aatagantca tactttcctn tctgctagct 300

<210> 553  
<211> 297  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(297)  
<223> n = A,T,C or G

<400> 553  
aggaagttga agctgcaatg ggctatgatc gtgccactgc accccagctt gggccacaga 60  
gcaagagcct gtctcaggaa aannnnnnnn naaaantcca aaantanttn gnangttcca 120  
aattgcnngc cnttctgana aangnaatac gancnaatct tccaccntcn tactccntcc 180  
cacctaanaat gngaaccctn tttgnccann ggntccaaac ngnatnngct acttgngngt 240  
tagnaatcaa ccannganan cagggnanct tttaacgnag gagtgccttn ntgggta 297

<210> 554  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 554  
 ttattcaagt gtcagaatta atgttcaaa atgttctgaa tcatgtagat atgggcagg 60  
 taactgttta tgggagaaaa gtacagtgtt gttacgtggc actgtacagt catgtgccac 120  
 gtaacagcgt ctgggtcagt gacggacact tacctgacag cggatccaca atattctcgt 180  
 gcagtgtgtt tggaatcctg gtctgggctc tcgtcgttgg ccttgtagat caagtagggg 240  
 aagtgagtga tgttcagtca tgctgctggg acacttggtt atccagatga aaacacataa 300

<210> 555  
 <211> 273  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(273)  
 <223> n = A,T,C or G

<400> 555  
 ctctatcttg tttattgttg atgccatctt agaggaaaaa atgtaaaggt aagtaattaa 60  
 gcatatgaca gcaacaaata agatacttat aacctaatgg gactttattt ttagtattta 120  
 tgtattacaa aaaatccacc tttctctaag ggaagtttgt accccattga ttcttggtgc 180  
 ctttgggatc gactgggttt taatggccta gttatttgag gattttgctg ngntgtnnnc 240  
 atggncntn ngatnncctt nganganann nnc 273

<210> 556  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 556  
 gtgccatctt gctatgtttc ccaggctggg tttgaactcc cagcctcaag caatcctccc 60  
 tttccgcctc agcctcccaa gtggctgggg ttatgggcct gagccactac acagctaaga 120  
 gtgtcttgta tgtgctaata agatggctgg tgtctgagag cccctagaga gcttcaagat 180  
 gggggctagt ctttagaaaag tccaagcaat ggttaggtat ggtggccact gcctgtaatc 240  
 ccaggagttt gggaggccaa ggtggacaga tcacctagga gtttgagacc agcctggcca 300

<210> 557  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 557  
 ttctcagata cctgatggat ccagacacat tcactttcaa ctttaataat gaccctttgg 60  
 tccttcgacg gcgccagacc tacttggtgt atgaggtgga gcgcctggac aatggcacct 120  
 gggctctgat ggaccagcac atgggctttc tatgcaacga ggctaagaat cttctctgtg 180  
 gcttttacgg ccgccatgcg gagctgcgct tcttggaact ggttccttct ttgcagttgg 240  
 acccggccca gatctacagg gtcacttggg tcactctctg gagcccttgc ttctcctggg 300

<210> 558  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 558  
 gtactccagg ttgtgtttgt gaatcaagat gaacagcccg ttcaaggcca agaggctgag 60  
 ggcccccccg aggtcgcagg cgcggtgag gaagtcgac atgagcgtgg gctgcgccag 120  
 ctgcggcagg atggcgtcat gcacaatcag cagcaccttc ttgtagaggc tgaggggcag 180

cttgtgcttg aggaagctga gcatggc ctggaaaacc ctctgtgtct caggtg	240
agcaacctct cgtgccgaat tcatcgat gggatcctgc aaaaagaaca agcgttgt	300

<210> 559  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 559	
gaaaacatct aactaagatg gtttcactgg tgaattcaat caaatattta aggaacacat	60
aataccaaaa ccataacaca tacaaatata tggcccttca gattttgtac ttctttttgt	120
gtcagtgtta ataatacgta tctttcaaag aatatcccc ttttttttg gtagagatag	180
ggttttgcca tgttggttgg agcaagccct aaccctgtca taaacaggcc ttaaataaac	240
tggccataaa caggatttct gcagcaatgg gacatgctca tgatggctgt catgcacact	300

<210> 560  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 560	
acactgtccc actccatcac ccaggctgga gtccagtggg gtgatcatag ctgctgcat	60
cctccagttc ctgggttcaa gccatccctc ctgcctcagc ctccccagta gctggaacta	120
caggtgtgtg ccatcacacc tggctttaca tttttctgtg gggctctact atgttgccca	180
ggccggtctc aaactcctga gctcaagtga tcctctgcct cagcctccag agtatctggg	240
attacatatg tcggctaccg tgtctggccg ttcacatctt tggccactat ttgcttgtga	300

<210> 561  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 561	
aatgagaaag aaggaggaat ctgaagcctt gggtaaggat ttggggcaca gtaccaggag	60
gggggcttgg tgccagacct catgaggaag aaggattttc ctatgtacag agaaggggac	120
cctgtcctgt tgggaggtgc tgtgcaaacc taaccaagtt actaaccctc ctgttttatg	180
tgctacacaa aggggataaa tacaagcttc cctctctagc caattctatt tggttcctga	240
gtttggaaaa gtgatagata ctgattttct atgattttat gaggacttaa ataagctcct	300

<210> 562  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 562	
ggaggacgag gaggaggacg acgaagagga ggaggaggaa aaggaggtgg aggagcagca	60
gcagcagctg cagcagctaa tatgtgttac ttattctgtg ctgggcaaaa ttctggatat	120
ttttcatgta ctatttaagc ctcacaaaaa tcttatgata taggaaatgc ttgtttccat	180
ttggcacatg aagaaactga agaacagaga aatgatgaaa cttgcgcagg gtagtctgtc	240
cagagtctgt attttaacta ctgctgtgtt gcctccatt gcatagtgac ttcacgtgta	300

<210> 563  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 563

gcctattcag	ttcctggtaa	ggtgtctt	cctggcttgc	agttgaacta	ctgtgtg	60
tgtcttcaca	agcatgcccc	caactgtg	cgataagaac	tccagacccc	aaactcagct	120
catacacaca	cggaagagag	aagcatctga	acatcaagaa	gagaagaagc	tgctggacat	180
cagaaactgt	gaaaggagag	gagtttggct	gagctccagg	ggaagactgc	ctgcacattc	240
tatccccctt	tcagttcccc	atcctgctgt	cagccacatt	taccactcaa	taaaatcttc	300

<210> 564

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 564

gagaagccaa	gggagaggag	gaggaggaaa	ctaacgattc	cctgcccacc	cccacaccca	60
gcaccaccaa	caggtgggca	agcttgccga	gaaaacgcag	agggcatcct	gtgagcagca	120
aacactctga	gnnnnnnnaa	gacgcagaga	agtaaagatc	aaagcgctac	tncangatcc	180
cgtaccagac	tcaagccatg	gctggtcctt	tctccgtctg	ctgtccgccc	gcccggactc	240
agcttctggt	tttggccgag	cggtgtctac	ccgtgggttt	ctgctccgac	ggaacctgt	299

<210> 565

<211> 300

<212> DNA

<213> Homo sapiens

<400> 565

cttgagccca	ggagttcaag	tccaacttgg	gcaacatgac	aagacccttg	tctctttaaa	60
aaagcaactc	aaaccatgtc	ttgaaaagct	atttaattgg	cagacacgat	ggctcacgcc	120
tgtaatccca	gcactttggg	aggccgaggc	aggcggatca	cttgaggtca	ggagttcaag	180
accagcctgg	ccaacatggc	aaaaccacgt	ctctactgaa	tgaaaataca	aaaattagct	240
ggcctagcag	ttggtggtgg	caggtgcctg	tagtcccagc	tacttgggag	gctgaggcag	300

<210> 566

<211> 300

<212> DNA

<213> Homo sapiens

<400> 566

attttgtctc	ccttgtctta	gagagagtat	caaggcccag	ggggccaccg	gcgaggtgta	60
ttgccccagc	ggagagaaat	gccccctagt	cggttcgaat	gtaccttggg	ccttcattgca	120
gggcgaaatc	gcgactatct	tagctgggga	tgttaaagtg	aaaaaggaga	gagacccttg	180
aaccactggg	cagccacctc	ctttgcccta	gaccagctcc	tctccaatcc	tgagggcccc	240
tcccccaacc	caactcgacc	ctccctcccc	tcacccccaa	ggtgtagaat	tgtgaatata	300

<210> 567

<211> 300

<212> DNA

<213> Homo sapiens

<400> 567

tcaagtgtca	gaattaactg	ttcaaaaatgt	tctgaatcat	gtagatacat	ggcaggtaac	60
tgtttatggg	agaaaagtac	agtgtgtgta	cgtggcactg	tacagtcatg	tgccacgtaa	120
cagcgtctgg	gtcagtgcg	gacacttacc	tgacagcgga	tccacaatat	tctcgtgcag	180
tgtgttttga	atcctggtct	gggctctcgt	cgttggcctt	gtagatcaag	taggggaagt	240



gagtgatgtt cagtcatgct g gacac ttggttttcc agatgaaaac a aataa 300

<210> 568

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 568

gctcttggtc	tttntgcagg	atccntcgat	tcgtttaagg	aaaaccagca	aataacaaga	60
aaaccattta	atgtaaagat	ttgtaaataa	tcacttcaaa	agaagtgcct	tgttgctgtc	120
acatttagtc	catcttcata	taattcttat	ctgggccagt	ttcttgggca	tgggacatgt	180
gcagttacac	aagcctgtgc	tcttaagagg	gtcttaccca	tagtttaatg	ttctgctgtt	240
gtagtcttga	aattcttaat	gatttaacaa	ggggtcctcc	attttcattt	tgcactgggc	300

<210> 569

<211> 300

<212> DNA

<213> Homo sapiens

<400> 569

aagcagcttg	gggctcactc	ccctccacc	ttgctgacca	ccctcatggt	ctttaatacc	60
aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caaggtcttg	120
cgacagacaa	agaagaaccc	ctctaattcc	aaggataaaa	gcacgagtat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgcagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300

<210> 570

<211> 300

<212> DNA

<213> Homo sapiens

<400> 570

cccaggatga	actgggttga	gtggctgctg	ctgctgcggg	ggcgctgaga	ggacacgagc	60
tctatgcctt	tccggctgct	catcccgtc	ggcctcctgt	gtgcgctgct	gcctcagcac	120
catggtgcgc	caggtcccga	cggctccgcy	ccagatcccc	ccactacag	ggagcgagtc	180
aaggccatgt	tctaccacgc	ctacgacagc	tacctggaga	atgcctttcc	cttcgatgag	240
ctgcgacctc	tcacctgtga	cgggcacgac	acctggggca	gtttttctct	gactctaatt	300

<210> 571

<211> 300

<212> DNA

<213> Homo sapiens

<400> 571

gttgctttca	aaagacacat	atcaccatag	tacatgtaat	aacacacata	ggctcaaagt	60
aaaggggtgg	cgaaagatct	gttatgcaga	tggaaaaaaa	gatcaggggt	cactattctt	120
gtatcagata	aaacagactt	tttaaataca	caacagtaga	aaaaggacta	gggcattaca	180
taatgaagaa	gggttcaatt	caacaagatt	tatctatac	acaccaaga	ttggagcact	240
cagattttcta	aaactattat	ttctagacct	aggaaaagaa	ttaaacggcc	acataataat	300

<210> 572

<211> 300

<212> DNA  
<213> Homo sapiens

<400> 572  
gaaagaccga gatagagaga gagacagaga cagagagcga gaccgtgatc gggacagaga 60  
aagagaacgc accagagaga gagagagggg gcgtgatcac agtcctacac caagtgtttt 120  
caacagcgat gaagaacgat acagatacag ggaatatgca gaaagaggtt atgagcgtca 180  
cagagcaagt cgagaaaaag aagaacgaca tagagaaaaga cgacacaggg agaaagagga 240  
aaccagacat aagtcttctc gaagtaatag tagacgtcgc catgaaagtg aagaaggaga 300

<210> 573  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 573  
ggctgcgagg ttttcggcct tggctcctga tatgcagcga cagaattttc ggcccccaac 60  
tcctccttac cctgggtccg gtggaggagg ttggggtagc ggaagcagct tccggggaac 120  
cccgggaggg ggcggaccac tgccgacctc tnnnnnnnn nggnacgna ntacnaataa 180  
cncnccaccg tacgcgcctc ntcnnggnc ntaccgtnc aggtgctnn naagntnca 240  
caggccctaa ccgggggttct ggcngancnc aatggccctg aangacgccg ncnagcaccg 300

<210> 574  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 574  
agattatgag catgtagaag atgaaacttt tcctcctttc ccacctccag cctctccaga 60  
gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc 120  
tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat 180  
ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa 240  
aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag 300

<210> 575  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 575  
gtccgaagaa aaagactgtg gtggcggaga tgctctctcc aatggcatca agaaacacag 60  
aacaagtttg ccttctccta tgttttccag aaatgacttc agtatctgga gcatcctcag 120  
aaaatgtatt ggaatggaac tatccaagat cacgatgcc a gttatattta atgagcctct 180  
gagcttcccta cagcgcctaa ctgaatacat ggagcactac tacctcatcc acaaggccag 240  
ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg tatctgctgt 300

<210> 576  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 576

aagagaagct	gagacttctg	ccacacc	ccctgcaagt	gctttcttga	actgggt	60
gtatcggcca	ggagaggaca	cgaggagga	ggaagatgag	gatgtggata	ggaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gacccacatc	cctccacccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccctgcccc	ttccgagtgg	ccatctatgt	300

<210> 577  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

actcgagacg	ctgaggcagg	agaatcgctt	gaacccggga	ggcggagggt	gtagtgaagct	60
gagatcgctg	cactgcaccc	cagcttgggc	aacagagcaa	aactctgtct	ttaaaaaaaa	120
annnnnnnnnn	nnnnnaacaa	acaancaaaa	aaaaccttat	atggncctggg	ctgggctggtg	180
ngccttatgc	ccacaatccc	agccttttgg	naggccagga	tgggaggatn	acttganccc	240
anaantttga	naccagcctg	ggctacanag	tanggccccn	tntntacaaa	aaaaccttaa	300

<210> 578  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

ggtagactgg	ctagggatcc	tggacccagg	gttccacgta	gcaacacctg	ctgagttctc	60
tgggtttttct	tctgcctca	tgtagccag	acttggagct	gaagaagctg	gaaacatgga	120
aacaccaaca	gctacagacc	aaaaaaagtc	ccaacaaagg	cctgtcagtc	tgccagcctg	180
ttctgtggat	ttccaactca	agattgcagc	atcaactcac	acctgaagtt	ctggcttccc	240
tacaaacttt	gaacttgcca	gtccccacaa	tggcataagc	caattcctta	aaatgaatgt	300

<210> 579  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

ggcagaccat	ccacatcagt	ttcagagaaa	aacaataatc	ttgtttgtgc	cgtgatgaag	60
aggactgaca	gctagcagca	gaaacaatag	tcacggaggt	tgagaacagg	ctgggttaaca	120
tggtgaaatg	ccatctctat	taagaatata	aaaatttagct	aggtatggtc	gcagacacct	180
gtaatcccag	ctccttggga	ggctgaggtg	nnnnnnnnnn	ttgaaccenn	gaggnggnag	240
ctgctgtnnn	cnngactcgn	nataatnactg	cacctgggng	actgcagtga	anctttatct	300

<210> 580  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 580  
 atacactgca tttgctggtg ctttttat atagtgaagc aacagctgta caa aaaata 60  
 ataaaatact cacttcttcg ttaaaaaaaaa aaaaatttac ttcttacaat tctggaggcc 120  
 aggaagacca tgatcaggtg ccagcatctg ggaagggcct tcttgctgtc ctcccatggc 180  
 agaagatgga agggcaaggg agagctaaca tgctcccga aaccctttt ataatggcat 240  
 caatcaaata tgaggccaga gtccttgta cctaatac cccaaaagg ctccgcctcc 300

<210> 581  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 581  
 gtcctaaagc cgctgaagca aaaacatga taaaacattc tgctttcttt tcttttacaa 60  
 cccacgaac gcaaaaaaaaa aaaaaaccaa aaccaaacca aaaaaaaaaa nnnnnnnnnn 120  
 nnnnnnnnnt nttngnngna aaaanggggt ttgnncnngg nannaaccan tnnaantnna 180  
 aanntnncaa anaggggtna nctttntnnc tnancctttt aaaangttna tnnnaatnnc 240  
 cngnnaaanc cancnnngtn tngcctnna aaggtnacct aaa 283

<210> 582  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 582  
 cccaacnata gccntttcna nnnttaaagg tttttgnant nctgggccnt ncngacgtna 60  
 nncctnancn nttttttaag cnggtttgcc nngggnnncg gtggnnnnntn nggggtnttt 120  
 ggttnctggg ggcnanancn acttnccctnc cccgggccat ncntnnnnnn nnntgtagga 180  
 aagttcttca cttttttctc tgagggtctg ggggtggggg agtcagcatg attatatattt 240  
 aatgtagaaa atgtgacatc tggatataaa atgaaaataa atg 283

<210> 583  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 583  
 gtcgtcttta atttgtctca tcagtgcctc catgtgtttt tgatgccttt gaactgggat 60  
 ttttaaaatt tcaatttcta attgttcatt atagaaacac aattgggttt tatatatattg 120  
 cattgtattt tgcaacttct ctaaaactcac tagtaattct agtagctttt tttggtagat 180  
 tottaaggat tttctgtgta aatagtcatt tcatttgtga ataaagccat ttttttttcc 240  
 ttttcaaatt ttgtgccttt tatttcttat tcttaccata tcacattggc aaagacctcc 300

<210> 584  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 584  
 aaaatggaga agccaaaatt acgaggcac cagcttctga aaaagaaatt ggggaagtaa 60  
 aagaagaaaa tattgaagat gccacagaaa agggaggaga aaagaaagaa gcagtggcag 120  
 cagaagtaaa aaatgaagaa gaagatcaga aagaagatga agaagatcaa aacgaagaga 180  
 aaggggaagc tggaaaagaa gacaaagatg aaaaagggga agaagatgga aaagaggata 240  
 aaaatggaaa tgagaaagga gaagatgcaa aagagaaaga agatgaaaaa aaggtaagac 300

<210> 585  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 585  
 gtccagaaat actctgatac tagctatggt cagcaacatt taatgaaaac ccttatgtta 60  
 aaaataaacc cctgcctcct ggcttcaagc gattctcctg cctcagcctc ctgagtagct 120  
 gggagtatag gcacgtacca ccacaccag ctaatttttt gtattttttac tagagatggg 180  
 tttcacagtg ttagccagga tggtttcgat ctccctgacct catgatccga ccgcctaggc 240  
 ctcccagagt gctgagatta caggcgtgag tcactgtgcc cggcctcnnn atgttaggaa 300

<210> 586  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 586  
 caagggcctc tggatggaat gtgccacaca cagcacaggc atcaccagct gtgacatcta 60  
 tagcaccctt ctgggcctgc ccgctgacat ccaggctgcc caggccatga tggtagacac 120  
 cagtgcacac tcctccctgg cctacttctc aagcttcctt ccaaagaaac tgattggccc 180  
 tggaacctcc atccactct tggtatgact ccacagtgtc cagactaatt tgtgcatgaa 240  
 ctgaaataaa accatcctac ggtatccagg gaacagaaag caggatgcag gatggaggac 300

<210> 587  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 587  
 ggactaactt acagaggagc tgtgtatcct gaagattcag cgactggcaa ggaatttcct 60  
 tgggagcaat gtgtgaggga ggccatctga ggagatctgt ggctttcttt tgttgtggga 120  
 atctggctta tggatgaatc tacgacacag gattgtgaaa ttacagctct ttgggaacaa 180  
 aaggaaggca gtattgcatg acttagtttc ccagcttcac tttccctttg gcatgggtgag 240  
 tttggggtct tgagagtcta ttttctttca caccatcag cactgttaag taagcaggaa 300

<210> 588  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 588  
 aaaaacctgg gtatgtatct agaagtggaa aaacaaaaaa aggaaataag ttatgaaaat 60  
 aaaaaccatg tcttgagctg ggtgcgctgg tgtgtgccta tatccctaga ttctcaagag 120  
 gttgagacag gaggatcact tgagcccagg agttcaagtc caacttgggc aacatgacaa 180

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gacccttgct tctttaaaaa aactcaa accatgtctt gaaaagctat tgggtca 240
gacacgatgg ctacgcctg taaccagc actttgggag gccgaggcag gggatcact 300

<210> 589
<211> 300
<212> DNA
<213> Homo sapiens

<400> 589
cctcctactc ccaaacaaat ctttggggaa aaaaaaacta ccaactgtca gccatgggccc 60
tgacggcgct aagctctggg gctccgtgca ctgacgtggg gccagccaca gggaggcggg 120
gatcaagtag cggaggccag gattttggcc acctcccgga caagttgcag ggcagtggcg 180
ccgggagcaa aagcagcatg atgcagctca tgcacctgga gtccttttat gaaaaaacct 240
cctcctgggc ttatcaagga agatgacact aagccagaag actgcatacc agatgtacca 300

<210> 590
<211> 300
<212> DNA
<213> Homo sapiens

<400> 590
ggggcggagg cgggagaggc gagctcgcca tgagtggctc cggcaggctc ttcgggaagg 60
ggaagaagga gaaagggcca acccctgaag aagcaataca gaaactgaag gagacagaga 120
agatactgat caagaaacag gaatttttgg agcagaagat tcaacaggag ctacaaacag 180
ccaagaagta tgggaccaag aataagagag ctgccctaca ggctttgcgg aggaagaaaa 240
gattcgaaca gcagctggca caaactgacg ggacattatc caccctggag tttcagcgtg 300

<210> 591
<211> 300
<212> DNA
<213> Homo sapiens

<400> 591
gagaagctga cgggcatgtg gtggaaacag ctggtggccg gcgcagtggc aggtgccgtg 60
tcacggacag gcacggcccc tctggaccgc ctcaaggtct tcatgcaggt ccatgcctca 120
aagaccaacc ggctgaacat ccttgggggg cttcgaagca tggtccttga gggaggcatc 180
cgctccctgt ggcgcggcaa tgggtattaat gtactcaaga ttgccccga gtcagctatc 240
aagttcatgg cctatgaaca gatcaagagg gccatcctgg ggcagcagga gacactgcat 300

<210> 592
<211> 275
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 592
gaaatgtgta tttcagtgc aatttcgtgg tctttttaga ggnnnnnnnn nnnatatacct 60
tggtttnta ggcnatatgc tcanagtgcg acagcggnac cntgccctca natncttacn 120
naagctttga ntaggnccat nnnnnngctac ntccctgaan tccnccnnc cctcactggc 180
tgccctnaca ngccanctga cgantgncct taaaggcatt aacncgcntc nnttgtggng 240
tcctcnggct tanggaganna agaggtggct cttga 275

<210> 593

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<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 593  
 tgacattgtc agtgtgaaat ttaacagact ttggtttttag gagttagggt tagggtgcag 60  
 acctaaagtt gcagttgaca tgccttgggt ttataggagg atatacatcc tgaaagtttt 120  
 agggactggc aaagaattta ctgctgagca atttgtgatt gcagtcacct ggagattcat 180  
 gaggcttttt gcctttttgt ggggatctgg ttaatgcata atattttgac acaaggttgc 240  
 aaggtaacag gtatccattt gggaaaagaa tgacagtttt ggagaacatt agttctgcag 300

<210> 594  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 594  
 acctaagact gctttgaaac ataaagtaat aatnaaanaa atgggctggg tgtgggtgnt 60  
 tatgcttata atcctagcnc tttgggaggc tgaggcgagg ggatcntttg agctcaggag 120  
 ttttagaccn gtttgggcgg tcccagttat caggaggctg aggtgagagg gattacttgt 180  
 gcccaggagg tcaaggctgc agtgagctgt gattgtgcc a ctgtactcca gccctggcaa 240  
 cagagagaga accctgtctc aaaagaaagg gggggggagg aacggaggaa gggaaggagg 300

<210> 595  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 595  
 attatggtgg aaggggaagc aaatgcccta cttcacatgg tggcaggaag gagaagaatg 60  
 agaaccaa at gagggagaag ccccttataa aaccatcaga tcttgtgaga acttactatc 120  
 atgagaatag catgggggaa actgccctgt gattcaatta cttccacta ggtcactccc 180  
 accatacatg gagattatag gaactacaat ttaggatgag atttgggtgg gaacacagcc 240  
 aaaccatatc aagtattaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 596  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 596  
 gcataacgaa cctaaccctc agaggtttac caagattcaa aacacgaagc tgaccatgaa 60  
 gcgggacggc attgggtcag tgcggtacca ggtcttgagg gtgtctcggc aaccactctt 120  
 caccaatatc acagtggaca ttgggcggcc tccgtcgtgg cccctcggg gctgacacta 180  
 atggacagag gctctcgggt ccgaagattg cctgccagag gactgaccac agcctggctg 240  
 gcagctgctc tgtggaggac ctccaggact gagactgggc tctgttttcc aagggtcttc 300

<210> 597  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 597  
agacaaccca gaaacaaatt ccatccta tggtagaccac ttttgacaaa ggaatgaaga 60  
acatacactg gggaaaagat aatgtcttta ataaatggtg ctgggaaaac tggatatcca 120  
tatgcagaag aatgaaacta gacccccatc tcttagcata tacaaaaatc aaaattaatt 180  
aaaaagttaa atctaagacc tcaaaactatg aaacagctaa aagaaaacat cggggaatct 240  
ctccaggaca ttggagtggg caaagatttc ttgtgtaata cctgacaaac aggcaaccaa 300

<210> 598  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 598  
ggtatttgggt cttgaaccac acccggtcga tcctagagtt ctcttttctg ctgggtcatga 60  
tggaacagt atagtgtggg atctggcaag aggagtcaaa atacgatctt atttcaatat 120  
gattgaaggc caaggacatg gcgcagtatt tgactgcaaa tgctctcctg atgggtcagca 180  
ttttgcatgc acagactctc atggacatct ttttaattttt ggctttgggt ccagtagcaa 240  
atatgacaag atagcagatc agatgttctt tcatagtgat tatcggccac ttattcgtga 300

<210> 599  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 599  
agaaagatca ctgctgttta cagcgccttg tgcagcctta gattttaata ttcttttctg 60  
attgttacat ctcatagagt aaagctctta ttaccttgat cctgagtcag aaatcccacc 120  
tgaaatcacc ttttttcccc ctgatcaaa catcccatcc ttcagctacc atactgttgc 180  
tacagggatt ttgtggactg tggccctgt cccgaggttg gcaccttcag ttcagcacag 240  
cctgagcagt gagaaggctc gaaaggagag tatatagtta agatccttga gaaagggctg 300

<210> 600  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 600  
tttggattga ttcaggagaa atttgactg atggctcaga aggcttacgt catggagagt 60  
atgacctacc tcacagcagg gatgctggac caacctggct ttcccagctg ctccatcgag 120  
gcagccatgg tgaagggtgt cagctccgag gccgcctggc agtgtgtgag tgaggcgctg 180  
cagatctctg ggggcttggg ctacacaagg gactatccgt acgagcgcat actgcgtgac 240  
accgcacatc tctcatctt cgagggaacc aatgagattc tccggatgta catcgccctg 300

<210> 601  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 601  
ggatattcat taccctgaga atgaaatgac ctgcaattcg aaaatcagct gtatcagttg 60  
gagtagttac cataagaacc tgtagctag cagtgattat gaaggcactg ttattttatg 120  
ggatggattc acaggacaga ggtcaaaggc ctatcaggag catgagaaga ggtgttggag 180  
tggtgacttt aatttgatgg atcctaaact cttggcttca ggttctgatg atgcaaaagt 240  
gaagctgtgg tctaccaatc tagacaactc agtggcaagc attgaggcaa aggctaattg 300

<210> 602  
<211> 300



<212> DNA  
<213> Homo sapiens

<400> 602  
gccttttgtg ggggtctcata cataactcag tttccacaaa gctgtgcccc agctcagccc 60  
tatggataga agcatgggtct ggggttcctt tgctgaccag ggtgtgtgct ttgtccaagt 120  
tactgacctt cccaaacctc atcaatgcac ataaaaagag cacttgcaaa caatgaatct 180  
agacatggac cttcacaaaag aaataactca aaatggatcc caggcctaaa tgaaaaatga 240  
aaaactataa aactcctaga agataacata aaagaagatc tagatgacct aggggtttggc 300

<210> 603  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 603  
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cagttttntt caccgctgc agccgttcg tnccaaacan agggccncnc ananncccn 120  
cgntntatat aaggaggaaa acgggaaaga atataaagtt aaaaaaaagc ctccggnttc 180  
cnctactgng tanactcctg ntttttcaag cncctgcaga ttttgatttt tttgntgntg 240  
ttgttntccn ccnttgctgn tgntgcaggg gtactattgt ttaaaaacag gaaaaaaaat 300

<210> 604  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 604  
cttactttga tcctcgtgag gcatacccg atggaagtag caaagaaaag agaagagcag 60  
cagttgcca ggcttagct ggcgaagtca gtgtggtgcc tccatctcgt ctcattggcat 120  
tgctgggaca ggcaactgaag tggcagcagc atcagggatt gcttcctcct ggtatgacca 180  
tagatttgtt tcgaggcaag gcagctgtca aagatgtgga agaagaaaag tttcctacac 240  
aactgagcag gcatattaag tttggtcaga aatcacatgt ggagtgtgct cgattttctc 300

<210> 605  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 605  
gaacattcgg actcgagata atcgtgcct tggggagtgg gacttgctg aggctgtgca 60  
gctgactggg ggagctaccg aacacgaggg tcccatatgc ccgaagaaaa tttctggccc 120  
tttgatcata catgacgcca accactgcga gtgccatcag ctctctcttg ttgnnnnnnn 180  
cccccgnnat gntgacgntg nngannnctt anaccntttt nnnnctnnga aaggaggntt 240  
gattgcngnt nccctgagat ntggcttccc aagagcactt attgaccctt cctcaggcct 300

<210> 606

<211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 606  
 cccccggant aaggntgnnn tatntntncc anaaaaaann gggncnatna tgnngntcgng 60  
 aaggntnngg aacaacaagg actgcntnat tggaagnggn cncaggnttg aanccaaagn 120  
 taaangagtg aatnaggtgn tnntggggaa tgaccngctc atggagatnt gagttctgag 180  
 caagtcaaac tccttccttt tggcctccaa agccacagat gttgcccggc ccacctgttt 240  
 aactctgtat ttatttccca ataaagaagg gcttccaaag gcatgctgga gacttgtg 298

<210> 607  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 607  
 atggtgtttt cacctggaag ctgagaagaa aggggcttta atggaacaaa tagcacatca 60  
 agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaatgtgg atccaagagg 120  
 gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt 180  
 caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaaagttt 240  
 tcaacctatg acagttcaga atcatgttcc ccattctggt gttggatcta taggtttatt 300

<210> 608  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 608  
 atccagggtg ttctgatgca cagtgaatatt ggggtaccac tgggtattagg ttgggtatgg 60  
 caactttttc atcacttggt ttatgtagtt gtctgatcaa ttgtgaaaac ataataaatg 120  
 ttggaaatgg aacagtaaaa taacgaaagc caactttttt tttttttttt tnnnnnnnnn 180  
 nnnnnnnnnnt tnnccccnng ncngnanngc aggggcccac nntnggntnn ntgnanccnc 240  
 cncnccggg ntnnnccctt ttntcnngcc taaccnccc nagnacnngg aactac 296

<210> 609  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 609  
 cgacaatcag tgattttgct gtattttctca caatagtaat aatgggttaca attgactacc 60  
 ttgtaggagt tccatctcct aaacttcattg ttcctgaaaa atttgagcct actcatccag 120  
 agagaggggtg gatcataagc ccactgggag ataatacctg gtggacctta ttaataagctg 180  
 ctattctctgc ttgtctttgt accatttctca tctttatgga tcaacaaatc acagctgtaa 240  
 ttataaacag aaaggaacac aaattgaaga aaggagctgg ctatcacctt gatttgctca 300

<210> 610  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 610  
 agaataacta ccagacaaca tttgttaaaa ctcaggacag tatgtatttt aaataagcaa 60  
 gtgcatgtgt gaaaatggct cattcagttt ataaaatatt acattaaatt tgagggtttct 120  
 gttttttttt ttttgtgaca gtcttgctct gttcccatg ctgtattgca gtggctccag 180  
 ttcacctcac tgtaacttcc acatcctggt ttcaagcaat ttgtgcctca gcctcccaag 240  
 tagctgggat tacagtcatg ccaccatgct cagataattt ttatattttt ttgtatagat 300

<210> 611  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 611  
 agatgggtta aaacttaaat gtcacatctg aaacagtaaa aatcctagaa gaaatcctag 60  
 gaaaaactct tctggacatt ggcctaggca aagaatttat gatgaagacc tcaaaagcaa 120  
 acataacaaa accaaaaata gacaaatgag atttaattag aaaaacttct gcacagtaaa 180  
 agtaataatc aacagttaat agacaaccta tagaatggga gaaaatatat gtaaattata 240  
 catctgacaa agaactaata tccagaatct acaaagaact caacaagaaa aaaaccaacc 300

<210> 612  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 612  
 tcctggctgt taggatttgt tcgtgtttgg gagaccttta gagcgtggtt aaacccatat 60  
 gttgggattt atgctgcttt tatggtagca ataccctata ttaagatttg aagtagaccc 120  
 ggaaagttag tggccgggta gctcagttgg ttagagcgtg gtgctaataa cgccaaggctc 180  
 gcgggttcga accccgtacg ggccagtggg tggctttttt ttgtgtgtgt tttgttttct 240  
 gacctctgct tggtatccgg aagtttctac ccggagccag ttgccttctg gtaacagaat 300

<210> 613  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 613  
 aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgttac 60  
 tgagatgata acaggaactg acttggtgga gtggcagctt agaattgcag caggagagaa 120  
 gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180  
 tgcagaagat cctagcaata acttcatgcc tgtggcaggc ccattagtgc acctctctac 240  
 tcctcgagca gaccttcca ccaggattga aactggagta cggcaaggag acgaagtctc 300

<210> 614  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 614  
 agacagtcaa gctgcattgc aacactgcat gtctgactaa cagcatacat tgtcctgaag 60  
 aagcatctgt agggatcca gaaggagcgt tcatgaagat gttacaagcc cggaagcagc 120  
 acatgagcac tcagctgact attgagtcgg aggcgccctc agacagcagt ggcatcaact 180

tgtcaggctt tgggggtgat cttgaaa ttcagctaac cgagcagcta ccttca	240
tccccaacga ggatgtgaga atgcatgt ctcattgtat ccggaccttg aattggaat	300

<210> 615  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 615	
tgggacatgc tcatgatggc tgtcatgcac actgcgaaaa gttgttggtt tactggagca	60
gggcaaggaa cacctggccc cgcccggagc aaaaaactgc tcaaaccaca aacgatagca	120
ggaaaggcct gtgccttggc agcatgtttt tgctgcagat aatcagccag agcctgtttc	180
tctgctcttc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat	240
ctatagaagc aatgcttacc actggctttc tgtcaataaa tgtgtgggtc aagctctgtt	300

<210> 616  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 616	
gctacctggg cggcgacggg ctggacgtgg acgtgcccac gcgtctggag ggctggttct	60
tctgcacgcc cgcccgaag ctgctctggc tgggtctgca gcccttcttc tactcactac	120
ggccgctctg cgtccacccc aaggccgtga ccgcgatgga ggtgctcaac acgctgggtc	180
agctggcggc cgacctggcc atctttgccc tttgggggct caagcccgct gtctacctgc	240
tggccagctc ctctctgggc ctgggcctgc accccaatng gggccacttc gtggccgagc	300

<210> 617  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 617	
ngnnattgag cccnttgaat cnagctactt gttctttttg caggatccca tcgagtccat	60
ctcatatgag tgagaaagct taccagtga gcaaatgtgg gaaagccttc cgagggcact	120
cggacgtttt ctaggcatca gagtcaccac agcagtgaga ggccttatat gtgtaatgaa	180
tgtggaaaag ccttcagcca gaactcgagc cttaaaaagc accaaaagtc tcacatgagt	240
gagaagccct atgaatgcaa tgaatgtggg aaggctttta ggcggagctc aaacctcatc	300

<210> 618  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 618	
ccccaacctg cactctaccc acccccatca cctactccag ctcccaactt ttgtggactg	60
agcggccgca gagactgggt cgccttggat tccctctgcc tccgaggacc ccaaaagaca	120

cccccaaccc	caggccagcc	gctgctc	tggcgcgtcc	aaaatactac	ccacagg	180
cctctgctcg	aggcaccccc	aaatctaccta	tgtatccagc	cccagagggc	ctcattccc	240
aggaagtccc	tatgtatccc	aacactggca	gacaccagc	accaccctcc	cagaccgcga	300

<210> 619  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 619						
aattccgttg	ctgtcgaatt	gttcctgtcc	tgccccaact	gatcaatcga	ccttgtgaca	60
ttctttctct	ggacaatgaa	tcttatgac	tccccaccat	ggaccctgtg	acccctcct	120
ctgctgacaa	tagataacca	cctctaactg	taacattcca	ctgcctacct	cagtcctata	180
aaagtgcgcc	tctcctatct	accttcgctg	actctctttt	cgtactcagc	ccacttgcac	240
ccaagtgaat	aaacagccct	gttgctcaca	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300

<210> 620  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 620						
agaatacaag	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcc	gttgctgtcg	60
aattgttctc	gtcctgcccc	aactgatcaa	tgcacctgtg	gacattcttc	ttctggacaa	120
tgaatcttat	gatctcccca	ccatggaccc	tgtgaccccc	tcctctgctg	acaatagata	180
accacctcta	actgtaacat	tccactgcct	acctcagtc	tataaagctg	cccctctcct	240
atctaccttc	gctgactctc	ttttcgtact	cagcccactt	gcacccaagg	aataaacagc	300

<210> 621  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 621						
actatagaat	acaagctact	tggtcttttt	gcaggatccc	atcgattcga	attccgttgc	60
tgctgaattg	ttcctgtcct	gccccaaactg	atcaatcgac	cttgtgacat	tcttcttctg	120
gacaatgaat	cttatgatct	ccccaccatg	gaccctgtga	ccccctcctc	tgctgacaat	180
agataaccac	ctctaactgt	aacattccac	tgcctacctc	agtcctataa	agctgccctt	240
ctcctatcta	ccttcgctga	ctctcttttc	gtactcagcc	cacttgcacc	caagtgaata	300

<210> 622  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 622						
gtggggagggg	gtagggggag	gaagtctgtg	gtgagcaaag	tttgccttat	tacactgata	60
aagtgttaatt	acactaataa	agctggatca	cctgagggtta	ggagtttgag	agcagcctgg	120
ccaacatggc	aaaaccctgt	ctctactata	aatacaaaaa	ttagccaggt	gtggtggcag	180
ggcacttgtg	atcctatcta	ctcgggaggg	tgaggcagga	gaatcgcttg	aaccagggt	240
gtaaagggtg	cagtgaagca	agatcatgcc	actgcactcc	agtctgggtg	tcagaatgag	300

<210> 623  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 623  
 caatctcaaa gctggctgag aacacacagt ataaatcagt tactggacaa acgaaatc 60  
 atgggtggaag aaacagacag tgtagctca tgatttgatt tggttctacc tttggccttg 120  
 agttcttatt atttacatta taaatattaa ctgggttttat attgttaaga caaaacactg 180  
 gtaaaagtgtt caacacctcc cttttgcttg tataccataa atgggcagtt tctgaaattt 240  
 tggataaagc atcaagaact cttttttctg aaacgttcct ctttttttag tgcctaatta 300

<210> 624  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 624  
 gtgaaagagt tcatgacctc cttgcgcgag gcctgggtgct ctgcgatcaa gggctgcaga 60  
 acctgtatga gtgccttctt gagctcaccg gtgagcatgg ctccgctggg gtaatccttc 120  
 ctgatctgct cgagcttgtn nnnnacctgg aggnntangg tatnnnnat nnttnanang 180  
 cncgnatnat nctgnancta cncngtctgn nacggtattn angncnantn ctatnatgna 240  
 annnannntn ngngnctntn c 261

<210> 625  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 625  
 tttttttgag acggagtctt gttctgttgc caggctggag tgcggtggtg caatctcagc 60  
 tcaactgcaat ctccacctcc tgggttcaag aggttctcct gcctcagcct cctgagtagc 120  
 cggggagcta caagcatgca ccaccacacc cagctaattt tttttttttt nnnnnnnnnn 180  
 nnnnnntgtc ncccaggctt gagtgcaggg gcncnatctn ggntnantgn aanntntgtc 240  
 tccnggggtt atgccttct cctgnttnan cntcccnant antccagga ntagctgg 298

<210> 626  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 626  
 ggtaaggatt tggggcacag taccaggagg ggggcttggt gccagacctc atgaggaaga 60  
 aggattttcc tatgtacaga gaaggggacc ctgtctctgt gggaggtgct gtgcaaacct 120  
 aaccaagtta ctaacccttc tgttttctgt gctacacaaa ggggataaat acaagcttcc 180  
 ctctctagcc aattctattt ggttctctgag tttggaaagt gatagatact gattttctat 240  
 gattttatga ggacttaaata aagctcctat ggaaagtgtt ttgtgcagtg ccgtgcccac 300

<210> 627  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 627  
gcgacatctg tcacccatt gaggccagg gttgattcgg ctgatctggc tggctaggcg 60  
ggtgtccctt tctccctca ccgctccatg tgcgtccctc ccgaagctgc gcgctcggtc 120  
gaagaggacg accatccccg atagaggagg accggtcttc ggtcaagggt atacgagcgc 180  
cgtaattgac acatctctta tttgagaagt gtctgttgcc ctcattagggt ttaattacaa 240  
aatttgatca cgatcatatt gtagtctctc aaagtgtctt agaaattgtc agtggtttac 300

<210> 628  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 628  
ggatgaccca tgccaaaaat actatgagct cttactagtc aaccctatth ggttggtccc 60  
accaacaaag gcacttgcag ttacattcac cacatttgta acggagccat tgaagcatat 120  
tggaaggga actggggaat ttattaaagc actcatgaag gaaattccag cgctgcttca 180  
tcttccagtg ctgataatta tggcattagc catcctgagt ttctgctatg gtgctggaaa 240  
atcagttcat gtgctgagac atataggcgg tcttgagagc gaacctcccc aggcacttcg 300

<210> 629  
<211> 295  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(295)  
<223> n = A,T,C or G

<400> 629  
ggtggtntna gtggnanaag gatcgagtg gagacnngtg cnaatagggn gatcctggta 60  
aggtgctnat gtcagtctgc aatgtccanc agcagnaggn ntttgatgtn angngcngga 120  
gnngagtggg ccaggggtgc tgtgtnatna nttgattcag nggcttatgg catcactgcc 180  
ttctgttncc gggggagcat ggatctagat gtcctcgcct ctgaaaacca agtgtcagag 240  
ccccttcccc ttgtttttat tttactgtta taataattat taacttcctt gtaat 295

<210> 630  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 630  
tggtctgctc accagagggt cttcaaatac ttatgcatag catccaaagt taaaagggtt 60  
gtgcaactag ctcgagagga aatcaagaat ggaaaatgtg ttgtaattgg tctgcagtct 120  
acaggagaag ctagaacatt agaagctttg gaagagggcg ggggagaatt gaatgatttt 180  
gtttcaactg ccaaagggtg gttgcagtca ctcattgaaa aacattttcc tgctccagac 240  
aggaaaaaac tttatagttt actaggaatc gatttgacag ctccaagtaa caacagttcg 300

<210> 631  
<211> 290  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(290)  
<223> n = A,T,C or G

<400> 631  
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ccccgggggc ccgagtcctc actgagtcag agaagaggcc actcagcatc caagacagct 120  
tcgtggaggt atnnnnnnnn nnnnnnnggc cncctggttca tgatntggnt nntanatgca 180  
anaggctgtg gctnctnaag tcttaaggat tntctcantga tcanngatcc agggccgctc 240  
atgaaccact gggctggatt tgactgttga ntgtggnagn aaatgcccg 290

<210> 632  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 632  
gtgggggtcag ttctggtctg ctcaccagag gttcttcaaa tacttatgca tagcatccaa 60  
agttaaaagg gttgtgcaac tagctcgaga ggaaatcaag aatggaaaat gtgttgtaat 120  
tggtctgcag tctacaggag aagctagaac attagaagct ttggaagagg gcgggggaga 180  
attgaatgat tttgtttcaa ctgccaaagg tgtttgcagt cactcattga aaaacatttt 240  
cctgctccag acaggaaaaa actttatagt ttactaggaa tcgatttgac agctccaagt 300

<210> 633  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 633  
cacagtcctt ctggaagcca gaccogaagc cacagtagca gtgccagctc agcagagagt 60  
caggacagca ggaagaagaa gaagaagaag gaaaagaaaa aacacacaga aacatataaa 120  
gcataagaag cataagaaac atgcaggcac tgaagtggaa ttggaaagac gccatctaca 180  
cgaccacagg aaccagaaga ggacctacac tcagattaga gcgtgaggaa gtgagttctt 240  
ggagacgtgc tgatgacagg aaagatgacc ggggtggaaga gcgggaccct cctcgtcgag 300

<210> 634  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 634  
cccacactcg gacactgtgg aattctacca gcgcctgtcg accgagacac tcttcttcat 60  
cttctactat ctggagggca ctaaggcaca gtatctggca gccaggccc taaagaagca 120  
gtcatggcga ttccacacca agtacatgat gtggttccag aggcacgagg agcccaagac 180  
catcactgac gagtttgagc agggcaccta catctacttt gactacgaga agtggggcca 240  
gcggaagaag gaaggcttca cctttgagta ccgctacctg gaggaccggg acctccagt 300

<210> 635  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 635  
ccaggctagt cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc 60  
tgggattaaa ggcgtgagcc accgtacctg gcccttggtg gaatcttttag ggttttctat 120  
tcatacatat aaaatcatat cattggcaaa cagagataat ttacttctt cctttccaat 180  
ttggatgcct tagatttctt ttccttgctt aactgctctg tctagaactc ccagcactat 240  
gctgaataga gtggcaagag caggcatttg ccttggtcct aaccttacag aaaaatcctt 300

<210> 636  
<211> 300



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 636  
gctgcccaac acgctgtttg gggatgtggc catggtggtg gaattcttga gctgttattc 60  
tggtgctactt ttaccagatg ctcagtatcc tattactgct gtgtccctta tggaagcctt 120  
gagtgcagat aagggtggct ttttatacct taacaggggtg ttggtcatcc tcttacagac 180  
cctcctacaa gatgagatag cagaagacta tgggtgaatag ggaatgaagc tgtcagaaat 240  
ccccttgact ctgcattctg tttcagagct ggtgcggctc tgcttgcnca gatctgatgt 300

<210> 637  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 637  
ctttgcagct ccccttccac tgagagccac ttccaccatt taataaaatc gtccacatcc 60  
atcaactttc aaaccattca tgcaacctga ttcttcctgg atgctgaaca agaacctggg 120  
taccaacagg gcagggtgta aaaggctgcc accctgactc tccttgagtg ggtnnnnnnn 180  
nnnctgtccn ggatggcaac tgctaaaaga gcntgaattg taacacatcc ctaaagtgcg 240  
tggtgggctg gagcccaaaa gtgctcatcg aagccctggc acccgcttgc ctgctgctc 300

<210> 638  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 638  
aacctatctg catggacctc tgtggaccac agcgtacctg cccctttctg ccctcctgct 60  
ccagccccac ttctgaaagt atcagctact gatccagcca ctggatattt tatatcctcc 120  
cttttcctta agcacagtgt cagaccaaata tgcttggttc tnnnnnnngn actacannna 180  
tatgnatnct ggtncgctgg gcaagttcac tgngcccatg ctgaaagagg cctgccgggc 240  
ttangggctg aagagtggtc tgaanaanca ngaactgctg gaancctca ccaagcactt 300

<210> 639  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 639  
agttttcctg tgattagtgt ttttggtggt gttttatttt ttttcttaca ggaactcttg 60  
caagaagaaa ggactatgag ttcaacttta gagggagcca tggggactaa acaaaattct 120

gaggccccct	caaccatcta	a	gacttc	cttctgggcc	aggacactcg	a	ctaaac	180
ctgaaagact	gggttcaggcc	at	gtgggaa	gtgggagtcg	aacatgcctc	at	ctaccct	240
ccagcattaa	catcaacaca	gacctaag	ctgataagaa	gcatttacaa	tctattctct			300

<210> 640  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (299)  
 <223> n = A,T,C or G

gtagctcga	ggggcaaata	aagagcacag	gaatgtttct	gattacacac	ctctaagtct	60
ggctgcttct	gggtgctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggtagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tctgtttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	acactgnnnn	nnnnnnnnnn	ngcttccaag	gaagaactga	agtggttag	299

<210> 641  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

cagagacctg	acagtggcaa	tgtatggcca	cgttactgaa	tctacatggt	gcaagagaaa	60
aactagcaga	tgttcttggc	agccctgtca	ttcagctata	ttgctaaagc	actaggtgga	120
atcattatga	aaatttccat	cactcaaata	gaaaggagat	ttgacataatc	ctcttctctt	180
gctgggttaa	ttgatggaag	ctttgaaatt	ggaaatttgc	ttgtgattgt	atttgtaagt	240
tactttggat	ctaaactaca	cagaccgaag	ttaattggaa	ttggttgtct	ccttatggga	300

<210> 642  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gagagcttgg	gatgtggtaa	tgccagccac	actcctggga	gccgtggcca	gatctcggca	60
tatattatca	aaagcacatc	agtgcogaag	aatcggtcat	ctaattgttaa	aaccacttaa	120
ggaatttgaa	aatacaacat	gcagcacact	gacaatacgt	caaagcttgg	atttgttcct	180
tcttgataaa	acagctagtg	gtttgaataa	gtctcagatc	ctggaaatga	accaaaaaaa	240
gtcagataacc	agcatgctgt	ctccattaaa	tgctgctcgt	tgccaagatg	aaaaggcaca	300

<210> 643  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gcctgccaga	atggaagcat	acagatctgg	gaccgaaatt	tgactgttca	tcctaagttc	60
cactataaac	aggctcatga	ctcgggcaca	gacacttctt	gcgtgacttt	ttcctatgat	120
ggtaatgtcc	ttgcctctcg	tggaggtgac	gattcattaa	aattatggga	catccgacaa	180
tttaataaac	cacttttttc	agcctcgggt	cttcccacca	tgttcccaat	gactgactgc	240
tgtttcagtc	cagatgataa	gtcctatagtc	actggtacat	ctattcaaag	aggatgtggc	300

<210> 644  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 644  
 ccggagagaa gcagcaggag ggcgggcgcg cctgtgcgtg cgacacacct gccaaactgca 60  
 cctatcttga cctgtctggc acctgggtct tccaggtggg ctccagcggg tcccagcggc 120  
 atgttnnnnn nnnnnnnntg gcaattaaca acatcttaaa actgactcag ctcacccagt 180  
 cttccatgta ttcacttcct aatgcaccct ctctggcaga cctggaggac gatacacatg 240  
 aagcctgtga tgatcagcca gagaagcctc actttgactc tcgcagtgtg atttttgagc 300

<210> 645  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 645  
 actgttcac ctaagttcca ctataaacag gctcatgact cgggcacaga cacttcttgc 60  
 gtgacttttt cctatgatgg taatgtcctt gcctctcgtg gaggtgacga ttcattaaaa 120  
 ttatgggaca tccgacaatt taataaacca cttttttcag cctcgggtct tcccaccatg 180  
 ttcccaatga ctgactgctg tttcagtcca gatgataagc tcatagtcac tggtagatct 240  
 attcaaagag gatgtggcag cggcaaactt gttttctttg agcgtaggac tttccaaagg 300

<210> 646  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 646  
 gcgacatcag aagatcattg aggaggcccc agcgccctggt attaaatctg aagtaagaaa 60  
 aaagctggga gaagctgcag tcagagctgc taaagctgta aattatgttg gagcagggac 120  
 tgtggagttt attatggact caaaacataa tttctgtttc atggagatga atacaaggct 180  
 gcaagtggaa catcctgtta ctgagatgat cacaggaact gacttgggtg agtggcagct 240  
 tagaattgca gcaggagaga agattccttt gagccaggaa gaaataactc tgcagggcca 300

<210> 647  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 647  
 ggtgactgcc atcctggagc cctacccctg catccacttc cctctggcca catatgcccc 60  
 tattatctct gctgaaaaag cctaccatga acagctttct gtagcagaga taaccattgc 120  
 tatgcttttn nnnnnnnnac ctgatgntaa nanntgaacc tcnntgcggt tnttncannn 180  
 tttnnntntc nantcnnnna cgtcttgntt nntncttnt nntttctcgc annanttttn 240  
 natntcntnn cctttgnttt tncntcttct tnnntaat 278

<210> 648  
 <211> 150  
 <212> DNA  
 <213> Homo sapiens

<400> 648  
 ccccggtcgt gtagcgggtg tatactacgg tcaatgctct gaaatctgtg gagcaaacca 60  
 cagtttcatg cccatcgctc tagaattaat tcccctaaaa atctttgaaa taagggcccg 120  
 tatttacct atagcacccc ctctagagg 150

<210> 649  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 649  
 gaagaangcc tatncnnct attagctana natagtcnnt nnnaatanga naganangtn 60  
 acnnanaang cnananngnn nnagagatag ctcnacntaa agacnggana angatcttcg 120  
 ccttaatact tttttatttt gttttatttt gaatgatgag ccttcgtgcc ccccttccc 180  
 cctttttgt cccccaactt gagatgtatg aaggcttttg gtctccctgg gagtgggcgg 240  
 aggcagccag gggttacctg ccacaaacgg ggaccag 277

<210> 650  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 650  
 gaggtagtga cacaggctgt gggagggggg agggggagga agtctgtggt gagcaaagtt 60  
 tgccttatta cactgataaa gtgtaattac actaataaag ctggatcacc tgaggttagg 120  
 agtttgagaa cagcctggcc aacatggcaa aaccctgtct ctactataaa tacaaaaatt 180  
 agccaggtgt agtggcaggg cacttgtgat cctatctgct cgggaggctg aggcaggaga 240  
 atcgcttgaa cccaggctgt aaagggttgcg gtgagccaag atcatgccac tgcactccag 300

<210> 651  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 651  
 ggcacagtac caggaggggg gcttggtgcc agacctcatg aggaagaagg attttcctat 60  
 gtacagagaa ggggacctg tctgttggg aggtgctgtg caaacctaac caagttacta 120  
 acccctctgt tttctgtgct acacaaaggg gataaatata agcttccctc actagccaat 180  
 tctatttggg tcttgagttt ggaaagtgat agatactgat tttctatgat tttatgagga 240  
 cttaaataag ctctatgga aagtgttttg tgcagtgcg tgcccataaa gaagagctca 300

<210> 652  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 652

acgtgaacga	gaaaaggaga	acggga	gcggaacga	gaacgggata	ccgtga	60
ccggacaaaa	gagagagacc	gacggga	tcgagagaga	gatcgtgacc	ggatagaga	120
aaggagctca	gatcgttaata	aggatcgag	tcgatcaaga	gaaaaagca	gagatcgtga	180
aagggaacga	gagcgggaaa	gagagagaga	gagagaacga	gagcgagaac	gagaacggga	240
gcgagagaga	gagcgagaga	gggaacggga	gcgagaaaga	gaaaaagaca	aaaaacggga	300

<210> 653  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

tgaacgagaa	aaggagaaa	aacgggagcg	ggaacgagaa	cgggataggg	accgtgaccg	60
gacaaaagag	agagaccgag	atcgggatcg	agagagagat	cgtgaccggg	atagagaaa	120
gagctcagat	cgtataaagg	atcgagtcg	atcaagagaa	aaaagcagag	atcgtgaaag	180
ggaacgagag	cgggaaagag	agagagagag	agaacgagag	cgagaacgag	aacgggagcg	240
agagagagag	cgagagaggg	aacgggagcg	agaaagagaa	aaagacaaaa	aacgggaccg	300

<210> 654  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

ccccttcctt	ctgtctctgg	agacccttga	gcttggggaa	atatggaggg	gtgtgtgtct	60
gcaatcaagg	cctctgcagc	tcacggctgg	ccgggtgggc	tgggacttcc	gtctgaattt	120
taaataactta	gggttcattt	ttttttctct	ggcaacaaag	cttgatgttt	tactgcttt	180
agtttctctgt	ttgctgggtg	gaggggatac	ggtctgtgac	tctggacttg	ctctggggga	240
acagttgtca	ctgcccccg	gganaggggc	agctnnggct	ggagaagcac	agcc	294

<210> 655  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

acagcctggg	cgtgcggcga	gctgagatca	agccccgggt	gcgcgagatc	cacctgtgca	60
aggacgagcg	cggaagacc	gggctgaggc	tgcggaaggt	cgaccagggg	ctctttgtgc	120
agttggtcca	ggccaacacc	cctgcacccc	ttgtggggct	gcgctttggg	gaccagctcc	180
tgcagattga	cgggcgtgac	tgtgctgggt	ggagctcgca	caaagcccat	caggtggtga	240
agaaggcatc	aggcgataag	attgtcgtgg	tggttcggga	caggccgttc	cagcggactg	300

<210> 656  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

tcaagtttgt	ttgaagacac	gtgtgccttt	gtaccatta	taagatggtc	ataagacca	60
agaactgata	agctttggtt	ttttttgttt	ttgtttgttt	ttttgcttca	tttaccatt	120
catgcctagg	gttccattat	tggaacccta	agcttgtggg	agttatttct	atcctactgc	180
tcaaggtcat	caccaagatc	tgatttttca	taaaaaacat	ttgtgacctt	cggcataaat	240

gggttaaggt gccatccctg a t gcaat gcagatatgt tcagataact t tttttt

300

<210> 657

<211> 300

<212> DNA

<213> Homo sapiens

<400> 657

aaatgttttt	gaatcaagtt	tgtttgaaga	cacgtgtgcc	tttgtaccca	ttataagatg	60
gtcataagac	ccaagaactg	ataagctttg	gttttttttt	gttttgtttt	gttttttgct	120
tcattttacc	attcatgcct	agggttccat	tatttgaacc	ctaagcttgt	gggagttatt	180
tctatcctac	tgctcaaggt	catcaccaag	atctgatttt	tcataaaaaa	catttgtgac	240
cttcggcata	aatgggttaa	ggtgccatcc	ctgaaactgc	aagcagatat	gttcagaaac	300

<210> 658

<211> 300

<212> DNA

<213> Homo sapiens

<400> 658

ctatgatcag	gactgactag	gtagttggca	tggcccatag	agaacaagga	aagatgggct	60
ggtggattgg	cccacctggg	agccacatgg	ggcaagggga	gccctcaccc	tcagccagcc	120
agacgagtgg	gatttcccc	agcacagcat	accccttca	caaagggaca	actaaagtgc	180
ttcattaagc	aagtccctgga	tctgtgccc	cccaactggg	tgagacaccc	caatgggtca	240
ccagacacct	tatacaagag	catttctact	ggcatcaggt	gggtgccct	caaggacaga	300

<210> 659

<211> 300

<212> DNA

<213> Homo sapiens

<400> 659

gttttggtcg	ggcatgatgg	ttagcgctcg	cagttccagc	tacctgggag	ggtaagccca	60
gttcaaggct	gcaattaact	atgatggtgc	ccctgcattt	cagcctgggt	gacaaaatta	120
aatcctggcc	caaaaaaaaa	aagtagccag	gcatggtggc	gggagcctgt	tgtcccagct	180
gttccgtagg	ctgaggcacg	acattcactt	gaacctggga	ggtggaggtt	gctgtgagct	240
gacaccacgc	cactgcactc	cagcctgggt	gacagtgaga	ctctgtctca	ataaataaaa	300

<210> 660

<211> 280

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 660

attcgaacat	atgcagttat	tccactaaat	gatgaatgtg	ggattattga	atgggtgaac	60
aacactgctg	gtttgagacc	tattctgacc	aaactatata	aagaaaaggg	agtggatatg	120
acannaaaag	aacttttcca	gtgctnctac	ctcngnctnc	ngntttatct	gaanagntgg	180
nagtntcnen	ngatangncc	tgntttgcat	cntnntanng	nnntnnannn	gccctttncn	240
tnntgnttgn	cggnnnnngcn	ttgncnnnag	tcancgcgtg			280

<210> 661

<211> 294

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(294)  
<223> n = A,T,C or G

<400> 661  
aataggannn ctaanaggct angtgagnaa tatcaancnc cgcncgtgtt ttnggtggtt 60  
aangnnngtat anngggcntn natgggnagg aatncanatg gtagttggga naggggagga 120  
tacaggtgga tgggactgga ggttgataa ggtgttcttg gaaggaaggg gcaggagtgt 180  
gaattagtgt gtcctactg tccccatga ggttggaac ccctcccca acttttcatt 240  
tttcttaaag gcattttggt tttttaaaat ctgtacagca agagcaactt tttc 294

<210> 662  
<211> 279  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(279)  
<223> n = A,T,C or G

<400> 662  
gaaaangna ngactgnttt atgggggenc caannnncng nnncanttnc annnnggcc 60  
cnanaatggc caatgctcgt ttagggaacc gccattctgc ctggggacgt cggagcaagc 120  
ttgatttagg tgacactata gaatacaagc tacttgttct ttttgagga tcccatcgat 180  
tcgcaggaat cgatctcgtg aagcccgcaa ggaccgaaca cccccaccc gatttagacc 240  
tgcaggtgct gccccacgtc cccacacaaa gcccatgta 279

<210> 663  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 663  
gctaagtatt ctaggatcta cagttatggt cattcatgct ccaaaggaag aggagattga 60  
gacttttaaat gaaatgtctc acaagctagg tgatccaggt tttgtggtct ttgcaaccct 120  
tgtggtcatt gtggccttga tattaatctt cgtggtgggt cctcgccatg gacagacaaa 180  
cattcttgtg tacataacaa tctgctctgt aatcggcgag ttttcagtct cctgtgtgaa 240  
gggcctgggc attgctatca aggagctgtt tgcagggaag cctgtgctgc ggcacccct 300

<210> 664  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 664  
tcgttttaggg aaccgccatt ctgcctgggg acgtcggagc aagcttgatt taggtgacac 60  
tatagaatac aagctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 120  
catggtaatc ctgctcagta cgagaggaac cgcaggttca gacatttggt gtatgtgctt 180  
ggctgaggag ccaatggggc gaagctacca tctgtgggag gaaggaggca ggctgtggtg 240  
ggactgggta ggggtatagta tcactcctga gttccactgc tctagaatct aaccagaaat 300

<210> 665

<211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (298)  
 <223> n = A,T,C or G

<400> 665  
 cccgaggagc ggagcagagg caccagga gcctgcgcgg agaaattgga tcggcgggga 60  
 cggcctgcag ctcccgcgcg cggggaaagg gaagaagtcc tcccctacaa agcaaattca 120  
 caaacttgga agaagcaatt tacacaggat gtgcagatct caatggaagg acacgggaaa 180  
 cgtgaaaaag caaggaagtg ggacgcctcc aaaggnnnnn nmtaattctc cagcancaga 240  
 tccccatcca aaaganattc aagaantgtc atatagagaa ttgtggaaac tgatttta 298

<210> 666  
 <211> 272  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (272)  
 <223> n = A,T,C or G

<400> 666  
 gacagcccca atccgggagc aggagggcct cctgccttgg catatagacc cctgggcgcc 60  
 tccttgggat gccaccagg cccagggatc cacctaggtg ggtttggcta tcctggtgat 120  
 ggnnnnnnnn nnnntnaac ctntcttnt ntacnncnnt acnnetcatn tattntcctc 180  
 tanngntaan tntgnnnnnn tnncttntn ccaantagnn nntttngnnn ncnntcnnt 240  
 naatntanat tnntntnnt ntttnntna tt 272

<210> 667  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 667  
 ggaacgcagc tgctcaccag caacggaaca aagctggacg gagaatgact ttgaagagct 60  
 gagagaaggc ttcagacgat caaattactc tgagctacgg gaggacattc aaaccaaagg 120  
 caaagaagtt gaaaactttg aaaaaataa atgtacatta attaacgtgg aatctggtga 180  
 acagtaacaa actttggtga aatttcagga accatagcca ttgaagtgga tgagggaacc 240  
 tatatacatg cactcaacaa tggcttttt accctgggag ctccacacaa agaagaatcg 300

<210> 668  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 668  
 attaaaccgg tttctgtggg cacctctgtc cttgctgctg gtggggaagg gaagccagat 60  
 ccagcaccoc ctggggggcc atcgggagtg tggctggggg tgaagggggc tctgtggcaa 120  
 tatggggttg ggtagtgtgg gtggcaggcc atcccctcta atcttgaac ctctgaatat 180  
 gggacctccc acagcaaagg gtgacttttg tcattaagaa agactggggg ggggtgtggtg 240  
 gctcacgcct gtaaccccag cactttggga ggccaagggt ggcagatcac gaggtcaaga 300



<210> 669  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 669  
 agaggaccct gcagttaggg ggtgttactt tgtcgcccag gatggcctgg acccccaggt 60  
 tcagggattc tcccgcgct gcttcctgag tagctgggac ctcaggcttc cgctcgtgc 120  
 ccgcacccct gctgtgttta ggcagcaggt ggtgacctca ctccctccctg gcctgagctc 180  
 tccgtcccgc atcccaggcg gaggccctag ggaacacttt gaagctgagc acggggtgga 240  
 ccctccctcc tgagtgaatg gagaatagaa agggagagga tttctgttct gttctgtggg 300

<210> 670  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 670  
 acccgaggct cgggtgtacta ggtgcgaatg ccgccttctg tggtgaccac tgtcttctca 60  
 tcctttgcac ctataggagg tgagtgcctt tggggaagac ggcgaggcg acgacctgga 120  
 cctatggaca gtgcgctgct ctggacagca ctgggagcgt gaggctgctg tgcgcttcca 180  
 gcatgtgggc acctctgtgt tctgtcagt cacgggtgag cagtatggaa gcccatccg 240  
 tgggcagcat gaggtccacg gcatgcccg tgccaacacg cacaatacgt ggaaggccat 300

<210> 671  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 671  
 ataatttggg gcatttccnn acantgtctt nncaaganta aaatgtgngc gccaaaattt 60  
 ngnattntan tnggagantt nttatccaaa ntaangctgc cntaggaagt ctaaggaatt 120  
 agtagngttc ccacnccttg tttggagtgn gctattctna aagaataagc aatgctcggt 180  
 tagggaaccg ccattctgcc tggggacgtc ggagaaagct tgatttaggt gacactatag 240  
 aatacaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc acgagcagga 300

<210> 672  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 672  
 ggctctccct gagtgtcgag gaggacatga gtgaaatgac cagcgaactc attttttata 60  
 ggactcgggtg aagccggatt ctgcatttcc ctactttagt actcattttg tggaatagag 120  
 ttgatecgtg tctcctccgc aaagcatttt aactcgaata agcaaagcc gcctctgttt 180  
 gaacgttttg gtatttataa gagagaaatc attttaccta agagaactaa ttgaattggc 240  
 agcatccttg aaatacctcc ggacaaggat ctgggggtgg ggggtggaaa gcaactgcga 300

<210> 673  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 673  
 gtgagacagg ttagtttttac cctactgatg atgtgttggt gccatggtaa tcctgctcag 60  
 tacgagagga accgcagggt cagacatttg gtgtatgtgc tacgtcgccc tggacttcga 120  
 gcaagagatg gccacggctg cttccagctc ctccttgagg aagagctacg agctgcctga 180  
 cggccagggtc atcaccattg gcaatgagcc gggttacgctg ccctgaggen nnnnnnnngc 240  
 cttntttact ggcattgntgt tctgttntn cngnngagta cattc 285

<210> 674  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 674  
 gtcaatggtg tacaagcaat gctcgttttag ggaaccgcca ttctgcctgg ggacgtcgga 60  
 gcaagcttga tttaggtgac actatagaat acaagctact tgttcttttt gcaggatccc 120  
 atcgattcga attcggcacg agggggattc ataattccag acaggtagag aacggtttta 180  
 tttatgtaga gacagagtct cgctctgtcg ccaggctgag gcgggagaat cacttgaacc 240  
 tgggaggtgg aggttgctgct gagctgagat cattacactg cactccagcc tg 292

<210> 675  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

<400> 675  
 canaccnatt ctcnnttggc aacnangatc ganggggnac ctagnnnann nnnnnnnnaa 60  
 tgacgcaaat gggcggtcca ttgacgtaaa tgggcggtag gcgtgcctaa tgggaggtct 120  
 atataagcaa tgctcgttta gggaaccgcc attctgcctg gggacgtcgg agcaagcttg 180  
 atttaggtga cactatagaa tacaagctta ctttgttttt tttgcaggat cccatcgatt 240  
 cgaattccgc acatgaatct cccctcctca c 271

<210> 676  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 676  
 aaatgatgac agagagaacc ctgttgaaag agcgttacca ggaggtcctg gacaaacaga 60  
 ggcaagtgga gaatcagctc caagtgcaat taaagcagct tcagcaaagg agagaagagg 120  
 aaatgaagaa tcaccaggag atattaaagg ctattcagga tgtgacaata aagcgggaag 180  
 aaacaaagaa gaagatagag aaagagaaga aggagttttt gcagaaggag caggatctga 240  
 aagctgaaat tgagaagctt tgtgagaagg gcagaaggta actgatgtta agaataaaaa 300

<210> 677  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 677

gcgagccagg	attccccgatc	cagagacaat	ggccccgatg	ggatggagcc	cgaaggcgtc	60
atcgagagta	actggaatga	gattgttgac	agctttgatg	acatgaacct	ctcggagtcc	120
ctttnnnnnn	ncttntangc	ctatggtttt	gangaactnt	tnngttttat	ttttntgttn	180
antnttngtn	gnctgntntg	ntnntgtngg	atngaganga	anantttctt	tntgngccat	240
gtgctgatgg	angnntnntn	ttntcnnttt	tntnnntttt	natgtttttt		289

<210> 678

<211> 300

<212> DNA

<213> Homo sapiens

<400> 678

ggaccatgac	atctagggcc	tctgaacttt	ctccggggcg	cagcgtgacg	gctggcatca	60
tcattgttgg	agatgagatc	cttaaggagc	acactcagga	caccaacacc	ttctttctgt	120
gccggacact	gcgctcccta	ggggtccagg	tttgccgagt	ctcagttgta	cctgatgagg	180
tagccaccat	tgcagctgag	gtcacttctt	tctccaaccg	cttcacccat	gtcctcacag	240
cagggggcat	cggccccact	catgatgatg	tgacctttga	ggcagtggca	caggcctttg	300

<210> 679

<211> 300

<212> DNA

<213> Homo sapiens

<400> 679

ttcaccaatg	acatgatctt	atagcgattc	tataaaaaca	gaataattaa	caaattcagc	60
aaagttgtca	aatacaaaat	caacacacag	aaatcagttg	cattttctata	tagtactagc	120
agtgaacact	tcatgaagga	aattagcagt	ttcattttaa	tagcatcaca	tagaataaaa	180
tacataggaa	ttaaccaagg	aggtgaaaga	cttgtagaca	gaaaactaca	aaatattgtt	240
gaaagaaatt	aaagaagaca	taattaaatg	gaaagacatc	ctgtgttcaa	ttatatccat	300

<210> 680

<211> 300

<212> DNA

<213> Homo sapiens

<400> 680

tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccgggtcacg	aacaaaacgg	gcctggagcg	ctcgcccctg	gccgcagata	120
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	180
gcttcaggcc	cggctaactc	tggcaccocg	gatcgaggac	aagtgagaga	gcaagtgggg	240
gtcgagactt	tggggagacg	gtgttgacga	gacgcaaggg	agaagaaatc	cataacaccc	300

<210> 681

<211> 300

<212> DNA

<213> Homo sapiens

<400> 681

gggagactgg	ggtctatttc	acccctgcag	tctcgaccat	aagagatggc	tacacccagg	60
ggggccagtt	cagagaccca	ctcccagggtg	tgcattctct	ttctcaagga	tgttccttgc	120
tgagaaaaag	aattcagtga	tattttctccc	atttgcttgt	gaaagaagag	aaatgtggct	180

ttgttccacc	tggctcaccg	g	cagaa	tttaagggtta	tctctcttgt	t	aaaca	240
ttgctgttat	cctgttcttt	t	aaagggtg	cccagatttc	atattgctca	aa	ccacatg	300

<210> 682  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 682								
gatcagccca	cctcggcctc	acaaagtgt	gggattacag	gcgtgagcca	ccttgcccag			60
cccacatcat	acagtttgaa	atgaaacttt	gccacaacca	gcctttgctg	tagcacacac			120
atatactact	gaacctgttt	gaaataaagt	tttttttctt	tttcctctgg	tattctgggt			180
tctgaagtct	ggtattctgg	tattctgggt	tcaaaagtat	gacttgagag	tggtgctctg			240
gtattctgag	agttgctctg	tattctgggt	tctgaagatt	atttgaaaaa	taactcctac			300

<210> 683  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 683								
ggtacaccaa	agaagaaagc	tgttgtccag	gctaagttga	caaccactgg	cccgtgact			60
tctccagtga	aaggcgctc	atttgtcacc	agtaccaatc	cccggaatt	ttctggcttt			120
tcagccaagc	ccagagtggg	tttgggcata	gtaatcagca	aaagctacgg	aataattcta			180
agaattagat	gtttccatat	cattaaaacc	aaggatccat	gaggggcaga	agggaggatt			240
caaagatttt	aaaaaaatca	aatttttagac	cttggttaaa	tattaactgg	aatgggatct			300

<210> 684  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 684								
agactccctt	tcccggctctg	ctcagtaacg	ggtgccttcc	cagacactgg	cgttaccgct			60
tgaccaaggg	gccctcaagc	ggcccttatg	cgggcatgac	agaaggctcc	cctcttgctt			120
tctattcact	tctcacaatg	tcccttcagc	acctgacct	atacctgccg	gttattccta			180
ggttatatta	ttaatgcaac	agagtaatat	taaaagctaa	tgattaataa	tgtttataat			240
aatgatggat	aattgttcat	gatcatcgct	gtatctaatt	tgtattatga	ctattcttat			300

<210> 685  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 685								
ggagagaaac	cttatggatg	cattgactgt	ggcaaggcct	tcagccagaa	gtcttgccct			60
gtagcacatc	agagatatca	tacaggaaag	actccctttg	tatgtcctga	atgtgggcaa			120
ccctgttcac	agaagtcagg	actcattaga	catcagaaaa	ttcactcagg	agagaaaccc			180
tataaatgca	gtgactgtgg	gaaagccttc	cttacaaaga	caatgtctcat	tgtacatcac			240
agaactcaca	cgggagagag	accctatggc	tgtgatgagt	gtgagaaagc	ttacttctat			300

<210> 686  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 686

gggccgctca	gtttttacgt	atccacagtc	catccaggaa	tgaatc	60
tgtccatggt	cctggccaat	tcacacagtc	tctgcagcag	cagctcgaag	120
tgattttctgg	ctacgaagag	cctctagaac	tatagttagt	cgtattacgt	180
atgataagat	acattgatga	gtttggacaa	accacaacta	gaatgcagtg	240
tttattttgtg	aaattttgtga	tgctattgct	ttattttgtaa	ccattataag	300

<210> 687

<211> 300

<212> DNA

<213> Homo sapiens

<400> 687

gtctgccttc	aagaagccag	acaggaaggc	cctgcctgcc	ttggctctga	cctggcggcc	60
agccagccag	ccacaggtgg	gcttcttcc	tttgtggtga	caacgccaag	aaaactgcag	120
aggccccagg	gtcaggtgta	agtgggtagg	tgaccgtaaa	acaccaggtg	ctcccaggaa	180
cccgggcaaa	ggccatcccc	acctacagcc	agcatgcccc	ctggcgtgat	gggtgcagag	240
ggatgaggca	gccaggtggt	ctgctgtggt	ttgggagcct	ataaagttag	actaggctgg	300

<210> 688

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 688

gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	120
gagagagaga	gagagagaga	gagnnnnnnn	nnnnnnnnnn	cncacnctct	tntntcncgn	180
nnnnnntctc	tctntgtntc	nctctnngtg	tnnganatnt	ntctctctta	tatntntntn	240
tntttntctc	ctcnanannc	tctctctctc	tntntgtgtc	tctntcacnn	ccctctctct	300

<210> 689

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 689

gtggtctctc	cccctgtacc	tagaaagcta	tttgagctgg	atccgtccct	ctgatcgtga	60
cgccttccct	gaagaatttc	ggacatctct	gccaaagtct	tgtgacctgt	anctgccncg	120
ttttgaagag	cttganctgg	ttncctntg	gnnnntcgnt	ntgtntntct	cntnntgtnc	180
nntcnanant	nntnantttn	natngntgna	tnnntaangc	ntnatnnttn	ctnnatnntn	240
tnngagnctn	ttnnnnnttt	nnnntnatnc	ttngtnatgn	tcatta		286

<210> 690

<211> 272

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 690  
 aaannnaana agnnnnaagn aancnnttaa gagangaang atngangnna gnntntnaat 60  
 ngnaaggntn natnncnaca nntgntantc tcggatntaa tgtannccna tgaagnaaga 120  
 aaaccttgga ccttgatgat attcacacac attcaggaac ctgttttgat gtattatagg 180  
 caggaagtgt ttttgctacc gtgaaacctt tacctagatc agccatcagc ctgtcaactc 240  
 agttaacaag ttaaggaccg aagtgtttca ag 272

<210> 691  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 691  
 ggcacgaggc actaagcagg ctagtgctct cagcttcccg gcctcccctt ccaggccgct 60  
 gccgcctgac cctgtgtcca agagactcca ggctgagctg gctgaccgac ccaatcccc 120  
 taccgcctt ctgcccgtg acccggtggt gagaagcccg aagtctcagg ggccagccaa 180  
 gccccaccc ccaaggaagc cactgcctgc cgacccccag ggccggtgcc catcggtga 240  
 cctgcccggc ccaggggctg gaatcccgc cctagtggta ccctccagac cagcgccacc 300

<210> 692  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 692  
 aaaatgcctt cattttcctt tttactttat catgagacat aagatttatt ggcttcatat 60  
 caacccttaa gtattgttaa ctttatgtaa tagcatttgg gttggggatt ggtgtgtttt 120  
 cggttgtaga tagcatagtt gaattatggt aggcataatt atgaccttat tattgtcttt 180  
 atttgaaaat tatatatgat ctcaggaaat gtgtatgagt tcaagttgac aaggagtgga 240  
 tttgggatgg ttgatactga gtgtcaactt gattggattg aagcatgcag agtaataatc 300

<210> 693  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 693  
 ggctgtcgct gaccacaggag aagctgcctg tctacatcag cctgggctgc agcgcgctgc 60  
 cgccgcgggg ccggcagcca tggccaagga catcctgggt gaagcagggc tacactttga 120  
 tgaactgaac aagctgaggg tgnnnnnnnn nnnnnntatt cagcttatcc taaacctgaa 180  
 agaagagtga gtagacttta aggatcaaga taatctgggg cttcccagtt gtgtcggcca 240  
 aggacctgag acctgaaggg ttgactttac ccatttgact gggagtgttg agcatctgtc 300

<210> 694  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 694
ccccggtgtc cccgcgaggg gggggggcg ggggtccgccg gccctgcggg ccgctcgggtga 60
aataccacta ctctgatcgt tttttcaatt gaccgtggag gcccccatgc ccaagctagc 120
cacgcagtc caccgagatca ccatcccagt caccttcgag tcgcggggccc agcttggggg 180
cccagaagct gcaaaatccg atgagactgc cgccaagtaa accccttagc ccggatgcc 240
accctgtctg ccgccactgg ctgtgcctcc cccgccacct gtgtgttctt ttgatacatt 300

```

```

<210> 695
<211> 281
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (281)
<223> n = A,T,C or G

```

```

<400> 695
caggcgtact gacaggtgga ccaacggact gatttagaag agaacaagca tgcgctccct 60
acattccagc cacatatcac aaacgactac ggtctggaca actttgacac acagttnacc 120
agngagcccc tgcanntgac cccanacgat nangatgcca tatagaggat ngaccagtcn 180
nagttcgaag gntntganta tatccatcca ttattgctga ncnncnnanga ncnntntnc 240
atntacntnt agtcnntntt ttngctntct cccnncact c 281

```

```

<210> 696
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 696
tttcggccaa ctagaggagt ctgaaggacc agacaattgc tcagaaacag aaggctgttt 60
agaattttct aaattcatta agggcaattc tgggtacttt ctggaaattg gctttaagag 120
ctcatcctgc atttttaaaa tctctccaac tggatcaa at ttttatata ctggtttgat 180
aggttttttt aaaacacatg actcttcagg actacaagca gtattagtct ggtttcctac 240
agaagcctgt cctgaggaag aatttgact agctggtctg gaacttaagt tagaaccac 300

```

```

<210> 697
<211> 262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (262)
<223> n = A,T,C or G

```

```

<400> 697
gtcagggctg gactgtgagc ctgtgcttgg gtccctggagg aggtgagggg ggtatacatt 60
gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt 120
tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac 180
aattgcattc attttatggt tcaggttcag ggggaggtgt gnnnnnnnnn nnnnnnnnnn 240
nanntnnnnn tanngmntna tg 262

```

```

<210> 698
<211> 295
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 698  
 gggcgaaaaa gatgaccgaa attcaaactc ctgaaaatac tcctcgttta tttgatttag 60  
 taaaagtaaa agatgagaaa attcgccaag cttttttattt tgctttacga gataccttag 120  
 tagctgacaa cttggatcaa gccacaagag tagcatatca aaaagataga agatggagag 180  
 tggtaacttt acagggacaa atcatagaac agtcaggtag aatgactggt ggtggaagca 240  
 aagtaatgan nggaagaatg ggtncctcac ttgntattga aanctctgaa gaaga 295

<210> 699  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 699  
 agaaagtgtc agcacagttt gtgttggtga tttgctactt ccatagttta cttgacatgg 60  
 ttcagactga ccaatgcatt tttttcagtg acagtctgta gcagttgaag ctgtgaatgt 120  
 gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacattatct 180  
 gaccaatagt acacacacag acacaaagtt taactggtag ttgaaacata cagtatatgt 240  
 taacgaaata accaagactc gaaatgagat ttttttggtg cacctttctt tttagtgtct 300

<210> 700  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 700  
 aagtagagga ggaagttcag acaatttcat aagtgtctaa aaagagacag ttatgcgacc 60  
 attgacgagg agtaaaagtc gtctattgag catcttattc actacaaata gaagaaagaa 120  
 ataccagttt cctgacaagc cccaccccat gcttggccag ttcctgagta cacttaatat 180  
 atttttagagg aaaagatgct agaaccacag gagaatggcg tgattgacct accagattat 240  
 gagcatgtag aagatgaaac ttttctctct tccccacctc cagcctctcc agagagacaa 300

<210> 701  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 701  
 gtggtcttca gtctgtcgtg caccgatgag aactctcctt attgctgtga agggcagaca 60  
 atgcatggct gatctactct gttaccaatg gctttactag tgacacgtcc cccggtctag 120  
 gatcgaaatg ttaacaccgg gagctctcca ggccaccac cgggagagac gtcgcgctgt 180  
 ggctgaagt ggcgcaagct tgctttgtaa atatctgtgg tcccgatgta gtgccagaa 240  
 cgtttgtgcg aggcagctct gcgcgccggg tccagcccgga gcctcgccgg gtcgccgtct 300

<210> 702  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 702  
 ggcgtgccta atgggaggct tatataagca atgctcgttt agggaaaccgc cattctgcct 60  
 ggggacgtcg gagcaagctt gatttaggtg acactataga atacaagcta cttgttcttt 120  
 ttgcaggatc ccatcgattc gaattcggca cgaggaagga ggacctaggc acacacatat 180



ggtggccaca cccaggaggg tggggag ttagatttca gaggccaggg cgggttg	240
gaccactcc aaataatctc cgggtgtggtg gtggtggttc tatagaggga taagaataa	300

<210> 703  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 703	
ccaaggcgca gcccgattct gccccctacg attgggttcgg ggacttctcc tccttccgtg	60
ccctcctaga gccggagctg cggccccgagg accgtatcct tgtgctaggt tgcgggaaca	120
gtgccctgag ctacgagctg ttccctcgag gcttccctaa tgtgaccagt gtggactact	180
catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgccgcag ctgcgctggg	240
agaccattga tgtgcggaag ctggacttcc ccagtgtctc ttttgatgtg gtgctcgaga	300

<210> 704  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 704	
gagaagctga ccttggacct gacggtgctc ctgggtgtgc tgcaggggca acagcagagc	60
ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc	120
atgaaaacc tgggagtcca gcgccccaa ttggagaaga aggatgcca ggagatcccc	180
agtgccacc agagcccat cagtaagaag cggaagaaa agggattctt gccagagacg	240
aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca	300

<210> 705  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 705	
agtccacatt aaaaagaaaa caaaacaaac cctaactaac ttccaaatgg gtctcctgg	60
gcggggggcgt gaggggccgt gccctgggtg tgctgcctgt ctgagcaagc ttccctagct	120
gaggaacccc gggccccctg ctgcgggctc tgccttggtg tcatgcctgc tgcacccccg	180
tttacctga tgtgccannn nnnnnntgg nggtttggag cnnacatgct actggtcnan	240
nnacacangt nccggggcat catgagaaag gntngntctt ggnaccttgt cctccccagt	300

<210> 706  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 706	
ccgcagaggg cctggaagag gtgctcacca cgccagagac tgtgctcaca ggccacacgg	60
agaagatctg ctccctgcgc ttccaccac tggcagccaa tgtgctggcc tcgtcctcct	120
atgacctcac tgttcgcatc tgggaccttc aggctggagc tgatcggctg aagctgcagg	180
gccaccaaga ccagatcttc agcctggcct ggagtcctga tgggcagcag ctggccactg	240
tctgcaagga tgggcgtgtg cgggtctaca ggccccggag tggccctgag cccctgcagg	300

<210> 707

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 707  
 tggaggtctc ctttcgcccc agcccagggtg gccaaagccca tcctggcctc agaacatgct 60  
 gagcacatth ttaggggtgg caccttttta tccaagttac tagctacaca tcagtgttta 120  
 aagagaaaaa agtgaccttt catttttttt tcttgaaact tgaggaaaca agatacatac 180  
 tactgatttt ttttttctta aaactaaatg catgactgca gagcggtaga ggtgtatatt 240  
 tttcatactg tggggcaaag tattttgtgt gctttttgga gatggactgg aacgtctggt 300

<210> 708  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 708  
 aaaaacagtg cattagcaat ttcatagcaa gtgcatgcac taggaaaaga aaactctgtc 60  
 tacaagttta ttagcagaag tgggtggtctg ctagacaaat aattttgcaa aatttttcta 120  
 catctaagtt acctcatcag taagtgccat gtctctacca tgccatcaga ggctaatttc 180  
 ctgtaaaagt tgtggaaatt gttagaacaa tagaaaaata gagcagtgtg tgtgtgccaa 240  
 aactcatcat tactcaaagg agaactgtgt taggcacatt taagaaagtt tacatctgac 300

<210> 709  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 709  
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60  
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120  
 gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nggtcttctc 180  
 ntgcntgatg cctcttntca ctgcctggan ccctgntnna ngccctcgna tctcccntgc 240  
 tnccgngcct ttnttngan cctggtgggtc tcctctccca ttgct 285

<210> 710  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 710  
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60  
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120  
 gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nnnngngngcn 180  
 ctcccgcgcg cnnngctnnc ncnctntnn tctctctctc tcgngcnccc ccnccncccc 240  
 cnncacacnn nnnccagagng nnnctctctc tntnt 275

<210> 711  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 711  
 ataacacaga ctttcaagga ccaaggattg gaggttttaa agcaggaaac agcagttgtt 60  
 gaaaacgtcc ccattttggg actttatcag attccagctg aggggtggagg ccggattgta 120  
 ctgtatgggg actccaattg cttggatgac agtcacgac tgaaggactg cttttggctt 180  
 ctggatgccc tnnnnnnnnn nnnntngtgt ggngtgnnnn nntanctnnn nnnnttttng 240  
 nncctnnnt gnnnttntnn nnnct 266

<210> 712  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 712  
 gtgtggaacc tgcagggcct ctatgtgtgc tgggccccag tctccaaggg cgagaatgga 60  
 ccctgatgga cttggacatg gagctgtcct tgatgcagcc cttggttcca gagcgggggtg 120  
 agcctgagct ggcgggtcaag gggttaaatt ctccaagccc aggtaatggt tgtgatgact 180  
 cctacctggg aggacgccgt gattgggctg agctaccttg attgagtga ggggcaatct 240  
 gcaatttgca gggaaatcct gagttcaggc tgcactgcag agcgttcctt gagccacca 300

<210> 713  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 713  
 tgttgagaag ctttcttttt ctatgggaaa tcaacttctgg agttggcaag aatggagaat 60  
 ggtgtgttgg gaaacgcctt ggaaggtgtg catgtggaac atcattctca ccaccagtct 120  
 cttctctgtg ctttctttcc tgacgtgga g tgtggtgaac tcagtgcatt gggccaatgg 180  
 ttgcacacag gctctgccag ccacaaccat cctgctgctt ctgacggtt ggctgctgg 240  
 gggctttccc ctcaactgtca ttggaggcat ctttgggaag aacaacgcca gccccttga 300

<210> 714  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 714  
 gttttgctcg tttagggaac cgccattctg cctggggacg tgggagcaag cttgatttag 60  
 gtgacactat agaatacaag ctacttgctt tttttgcagg atcccatcga ttcgaattcg 120  
 gcacgaggtt atgtctggct gtagctgttg gtcacgtgaa gatgacagac gatgagcttg 180  
 tgtataacat tcacctggct gtcaacttct tgggtgcatt gctcaagaaa aactggcaga 240  
 atgtccgggc cttatatatc aagagcacca tgggcaagcc ccagcgcta t 291

<210> 715  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 715

tctctcangg	ccgtgggtgt	gaaaaaggtc	gaggcccctg	atgggaagct	ggtgtctgag	60
tctctgacg	tctgccccca	gtgcacaagt	tcggcagccc	ctcccagcct	tcccctcctg	120
cgctgccccca	gagcctggga	aggaggccgc	tttgagggtt	agcactggga	acagggaacc	180
cccctgaggc	tccgccctag	cccttagccc	gcctggggag	tttacttcct	ggggaccccc	240
cttgcccatg	cctccagcta	caacaccatt	ccattgcttt	tttttttggt	ccag	294

<210> 716

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 716

ggtagttaag	ccccccc aaa	acaagacgga	aagtgaaaat	acttcagata	aacccaaaag	60
aaagaaaaag	ggaggcaaaa	atggaaaaaa	tagaagaaac	agaaagaaga	aaaatccatg	120
taatgcagaa	tttcaaaatt	tctgcattca	cggagaatgc	taatatatag	agcacctgga	180
agcagtaaca	tgcaaatgtc	agcaagaata	tncgntnaan	gganctgttn	atgctanttn	240
ananataatc	nnagctggan	agggagcttt	ttaagcttaa	nnnaatggt		289

<210> 717

<211> 300

<212> DNA

<213> Homo sapiens

<400> 717

cgacggcaag	gtggtgctgt	cccggcagta	cggctcggag	ggccgcttca	cgttcacctc	60
ccacacgccc	ggtgaccatc	aaatctgtct	gcactccaat	tctaccagga	tggctctctt	120
cgctgggtggc	aaactgcggg	tgcattctga	catccagggt	ggggagcatg	ccaacaacta	180
ccctgagatt	gctgcaaaaag	ataagctgac	ggagctacag	ctccgcgccc	gccagttgct	240
tgatcagggtg	gaacagattc	agaaggagca	ggattaccaa	aggtatcgtg	aagagcgctt	300

<210> 718

<211> 300

<212> DNA

<213> Homo sapiens

<400> 718

gggggggattc	cactcctggt	ttgtgagtag	gagacccatg	ggctgcccag	ccttaaagcc	60
agaacaagggt	tgtcccctga	cctcggtcca	ctgcctcctc	cccgttccca	tctttccccc	120
ctaccttccc	cttaggcacg	tctgagaatg	gtggatgtgg	tggagaaaga	agatgtgaat	180
gaagccatca	ggctaattga	gatgtcaaag	gactctcttc	taggagacaa	ggggcagaca	240
gctaggactc	agagaccagc	agatgtgata	tttgccaccg	tccgtgaact	ggtctcaggg	300

<210> 719

<211> 300

<212> DNA

<213> Homo sapiens

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<400> 719
gtcgggtctc caacctcatt aaccaccaca ggggttcacac tggagagaag ccataaagt 60
gcagtgcactg tgggaaagca tttagtcaga gctccagcct tattcagcat cggagaattc 120
acactggaga aaagcctcac gtgtgtaatg tatgtggaaa agcctttagt tatagctcag 180
tgctccgaaa gcaccagatc atccacacgg gagagaagcc gtacagatgc agtgtctgtg 240
ggaaggcctt cagccacagc tcagccctca ttcagcacca gggcgtgcac acaggcgaca 300

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```

<210> 720
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

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<400> 720
gtggctatcc atcaacataa gtaaaaaaaaa aaaacacttc aactccctcc cccatttann 60
nnnnnnntta acatatttta aaaatcanat gagttntata aataatttaa anaagngaga 120
gtattttattt ttggcatgtt tggcccacca cacanactnt gngtgtgtat gtgtgngttt 180
atatgtgtat gtgngtgaca naaaaatntg taaanaanag gcncatntat ggntactgnt 240
caaatnctta aagataantt nattttcaca cagtccacaa ggggtatatc ttgtagtttt 300

```

```

<210> 721
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 721
gtttgtgcat cacttgggtca ccattggggt tatctccttc tctacatca acaatatggt 60
tcgagtggga actctgatca tgtgtctaca tgatgtctca gatttcttgc tggaggcagc 120
caaactggcc aattatgcca agtatcagcg gctctgtgac accctttttg tgatcttcag 180
tgctgttttt atgggttacac gactaggaat ctatccattc tggattctga acacgaccct 240
ctttgagagt tgggagataa tcgggcctta tgcttcatgg tggctcctca atggcctgct 300

```

```

<210> 722
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 722
acaacattca gcatgcagac ccgccagtgc agatccttta caaccgcacc atggtgcagc 60
tgggcatctg tgcttccgc caaggcctga ccaaggacgc acacaacgcc ctgctggaca 120
tccagtcgag tggccgagcc aaggagcttc tgggccaggg cctgctgctg cagccccagc 180
taaggttgaa gccaaggaag agtcggagga gtcggacgag gatatgggat ttggtctctt 240
tgactaatca ccaaaaagca accaacttag ccagttttat ttgcaaaaca aggaaataaa 300

```

```

<210> 723
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 723
gcaaggcgcc gggggacacg ttggctgcgt tttcggcgga ctggccgggt aaaaaaatgg 60
ctgtggctag cgatttctac ctgcgctact acgtagggca caagggaag tttgggcacg 120
agtttctgga gttcgaattt cggccggacg gaaagcttag atatgccaac aacagcaatt 180

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acaaaaatga tgtgatgatc aagagg cttatgtgca caagagtgtg aagaac	240
tgaagagaat tattgatgac agaaatta caaaagaaga tgatgctttg tggctcccc	300

<210> 724  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 724	
agaaaacaac ttggcatttc tatactttac agggaaaaaaa attctgttgt tccattttat	60
gcagaagcat attttgctgg ttgaaagat tatgatgcat acagttttct agcaattttc	120
tttgtttctt ttacagcat tgtctttgct gtactcttgc tgatggctgc tagattttta	180
tttatttggt tccctacttg ataataattag tgattctgat ttcagttttt catttgtttt	240
gcttttggtt ttttctcat gtaacattgg tgaaggatcc aggaatatga ctcaaagggg	300

<210> 725  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 725	
tgtagaggag gtgaggaaat actttaatgt gttggaaacc atgggtttga acagaagata	60
cgcataatgga gtggggaatg gaaagaaaac ttgtgctac atttactgta aattatatct	120
tattgattca gtaaattcag gtggaatacg gaagttcaaa tttaaagatt acccatggac	180
tcctgacctc aggtgatcca cccgcctcag cctcccagtg ggctgggatt acaggtgtga	240
gccaccatgc ccagcctcat cattcttatt aactgggtta atcctttcaa taatcctatt	300

<210> 726  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 726	
tcggcacgag ggcaagggac ttctgtaac aatgcatctc atatttgga tgacccagtc	60
ctctcccaag tccacacagg ggaggtgata gcattgcttt cgtgtaaatt atgtaatgca	120
aaattttttt aatcttcgcc ttaatacttt ttattttgt tttattttga atgatgagcc	180
ttcgtgcccc cccttcccc tttttgtcc cccaacttga gatgtatgaa ggcttttggt	240
ctccctggga gtgggtggag gcagccaggg cttacctgta cactgacttg agaccagttg	300

<210> 727  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 727	
cgtccgctct cattggctct gctggtccag aaagcagccc aggcctttta ctccgggctg	60
ctgtgtgtgg catgtggttc ataccgacgg ggaaaggcga cctgtggtga tgtcgacgtg	120
ctcatcactc acccagatgg ctggtccca cggggtatct tcagccgcct ccttgacagt	180
cttcggcagg aagggttcct cacagatgac ttggtgagcc aagaggagaa tggtcagcaa	240
cagaagtact tgggggtgtg ccggctccca gggccagggc ggccggcacc gcgcctggac	300

<210> 728  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 728

atagtcagaa	aacaacctgg	ctctata	ctttacagga	aaaaaaattc	tgttcca	60
ttttatgcag	aagcatat	tggtttg	aaagattatg	atgcatacag	ttctagca	120
atcttctttg	tttcttttta	cagcattgtc	tttgctgtac	tcttgctgat	ggctgctaga	180
ttttaattta	tttgtttccc	tacttgataa	tattagtgat	tctgatttca	gtttttcatt	240
tgttttgctt	ttgttttttt	cctcatgtaa	cattggtgaa	ggatccagga	atatgacaca	300

<210> 729

<211> 300

<212> DNA

<213> Homo sapiens

<400> 729

gtccaggctt	ccttctgatg	gccaaaccac	ctttaatgct	ggccagtcta	tctcacacaa	60
agttctaagt	tttccagggtg	tcatagtaac	tccatagctt	cccttaaatac	cctttttgaa	120
atctttcaac	atagttccta	gtgggatggg	cttactttgt	gcctgaccca	tgttttctca	180
agacaaaaca	ccatggcagg	aacagccact	tgcattctgg	cccggtgcca	cactgcgggtg	240
cttggtgtgg	ttgtggagcc	tgctcctgcg	cgccttgctc	ccgttgagcc	acgctgtctg	300

<210> 730

<211> 300

<212> DNA

<213> Homo sapiens

<400> 730

gataaatacc	tcagccctc	gccttctca	acccacctgg	caagtcttct	taggatctga	60
tcccagtttt	ctggaagcaa	tctacccca	gcccaagctt	cccagagtgc	agccttaatac	120
cttctcactt	ctcagtgtca	gagcagaaat	gaatcctggg	gttgactgtg	tccattcggg	180
ttattagcag	ctaagaagcc	cagacgagta	gtgtgagctg	ccttgggagc	ctcagtggag	240
gcactgggac	tggcctcact	ctcttgcccc	cagcctagtg	ggctttctcc	tctgtctctc	300

<210> 731

<211> 300

<212> DNA

<213> Homo sapiens

<400> 731

gtccatacat	ggagctccct	ggagcccgtg	tgctctcgtg	tgactgaacg	ttttgtgatg	60
aaaggaggag	aggctgtctg	cctttatgag	gagccagtgt	ctgaattgct	gaggagatgt	120
gggaattgca	cacgggaaag	ctgtgtgggt	tccttttacc	tttcagctga	ccatgaactc	180
ctgagcccga	ccaactacca	cttctgtctc	tcaccgaagg	aggccgtggg	gctctgcaag	240
gcgcagatca	ctgccatcat	ctctcagcaa	ggtgacatat	ttgtttttga	cctggagacc	300

<210> 732

<211> 300

<212> DNA

<213> Homo sapiens

<400> 732

cactgggttc	caagttgctt	tgctgaataa	ggatttgaag	ccacagacat	ttagaaatgc	60
ttatgacata	ccaagacgaa	atcttttgga	tcacttaaca	agaatgagat	ctaattctttt	120
gaagagcact	cgcagatttc	tgaaaggaca	ggacgaagat	caagtgcaca	gtgttcctat	180
agcacaaatg	gggaactacc	aggaatacct	caagcaagta	ccttctccac	taagagaact	240
tgatcctgat	cagccacgaa	ggttgcatat	atttggcaac	ccctttaagc	tggataagaa	300

<210> 733

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 733

ggcgccctgg	ccccgctgct	gagccacggc	caggtccact	tcctatggat	caaacacagc	60
aacctctact	tggtggccac	cacatcgaag	aatgccaatg	cctccctggt	gtactccttc	120
ctgtataaga	caafagaggt	attctgcaa	tacttcaagg	agctggagga	ggagagcatc	180
cgggacaact	ttgtcatcgt	ctacgagttg	ctggacgagc	tcatggactt	tggttccccg	240
cagaccaccg	acagcaagat	cctgcaggag	tacatcactc	agcagagcan	caagctggag	300

<210> 734

<211> 300

<212> DNA

<213> Homo sapiens

<400> 734

ggcgccctgg	ccccgctgct	gagccacggc	caggtccact	tcctatggat	caaacacagc	60
aacctctact	tggtggccac	cacatcgaag	aatgccaatg	cctccctggt	gtactccttc	120
ctgtataaga	caatagaggt	attctgcaa	tacttcaagg	agctggagga	ggagagcatc	180
cgggacaact	ttgtcatcgt	ctacgagttg	ctggacgagc	tcatggactt	tggttccccg	240
cagaccaccg	acagcaagat	cctgcaggag	tacatcactc	agcagagcaa	caagctggag	300

<210> 735

<211> 300

<212> DNA

<213> Homo sapiens

<400> 735

ggcacaagga	ccctcctgcc	aacctgtttg	aagacatgga	cctcaacaag	gatggcgagg	60
tccttccgga	ggagttctcc	accttcatca	aggctcaagt	gagtgagggc	aaaggacgcc	120
tcatgcctgg	gcaggaccct	gagaaaacca	taggagacat	gttccagaac	caggaccgca	180
accaggacgg	caagatcaca	gtcgacgagc	tcaagctgaa	gtcagatgag	gacgatgagc	240
gggtccacga	ggagctctga	ggggcagggg	gcctggccag	gcctgagaca	cagaggccca	300

<210> 736

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 736

ttcaagcccc	cagcctacga	ggatgtggtt	caccgcccag	gcacaccacc	cccccttat	60
actgtggccc	caggccgccc	cttgactgct	tccagtgaac	aaacctgctg	ttcctcctca	120
tccagctgcc	ctgcccactt	tgaaggaaca	aatgtggaag	gtgtttcctc	ccaccagagt	180
gccccccctc	atcaggaggg	tgagcccgnn	nnnnnnntga	cccctgcctt	cacaccccc	240
tcctgcccgt	atgccgttta	actggcgact	ccggtattga	gctctgcctt	tgtcctgcct	300

<210> 737

<211> 300



<212> DNA

<213> Homo sapiens

<400> 737

agaaccatca	tgggctggac	attggacttc	ctccgggagc	ggctgttggg	ctggatccaa	60
gaccagggtg	gttgggacgg	cctcctctcc	tactttggga	cgccacgtg	gcagaccgtg	120
accatctttg	tggcgggagt	gtcaccgcc	tcactcacca	tctggaagaa	gatgggctga	180
ggccccagc	tgccttggac	tgtgtttttc	ctccataaat	tatggcattt	ttctgggagg	240
ggtggggatt	gggggacatg	ggcatttttc	ttacttttgt	aattattggg	gggtgtgggg	300

<210> 738

<211> 300

<212> DNA

<213> Homo sapiens

<400> 738

gaatgacatt	catgccagtt	cttccctgaa	tggcagaagc	actgaagaag	taaggcccat	60
tgatgaaaac	ttggggcaaa	ctggaaaatc	tgctgtttgc	attcaccaag	atataaatga	120
tgatcatgtt	gaatatgtta	caggaattca	gcatttgaca	agcgattcag	acagtgaagt	180
ttattgtgat	tctatggaac	aatttggaca	agaagagtct	ttagacagct	ttacgtccaa	240
caatggacca	tttcagtatt	acttgggtgg	tcattccagt	caacccatgg	aaaattctgg	300

<210> 739

<211> 300

<212> DNA

<213> Homo sapiens

<400> 739

cgggactggt	accaccgcat	cgaccccacc	gtgctgctgg	gcgcgctgcg	cgttgcgga	60
cttgacgcgc	cagctggtac	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gctgcggctc	agcacagtag	acatgactgg	gatccccacc	ttggacaacc	tccagaaggg	240
agtccaattt	gctctcaagt	accagtcgct	gggccagtgt	gtttacgtgc	attgtaaggg	300

<210> 740

<211> 300

<212> DNA

<213> Homo sapiens

<400> 740

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actgaatgga	agaataaact	atcctcgctt	gcggggaactt	gaccggaatg	aactatttga	120
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccagggtta	caccaaaca	180
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	240
catctacctt	ccagctgcgc	agaccatgaa	ttcaggaact	tttaacacca	cagtgatgat	300

<210> 741

<211> 300

<212> DNA

<213> Homo sapiens

<400> 741

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aatgagttgg	gaacagctta	cgtttctgca	acaactggtg	ccgtagcaac	agctctagga	120
ctcaatgcat	tgaccaagca	tgtctcacca	ctgataggac	gttttggtcc	ctttgctgcc	180
gtagctgctg	ctaattgcat	taatattcca	ttaatgaggc	aaagggaact	caaagttggc	240
attcccgtca	cggatgagaa	tggaaccgc	ttgggggagt	cggcgaacgc	tgcgaaacaa	300

<210> 742  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 742  
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 tctggagttc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120  
 aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180  
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240  
 taggggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

<210> 743  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 743  
 ggatcctttc cagacagaag accccttcaa atctgaccca tttaaaggag ctgacccctt 60  
 caaaggcgac cegttccaga atgacccctt tgcagaacag cagacaactt caacagatcc 120  
 atttggaggg gaccctttca aagaaagtga ccattccgt ggctctgcc a ctgacgactt 180  
 cttcaagaaa cagacaaaga atgaccatt tacctcggat ccattcacga aaaacccttc 240  
 cttaccttcg aagctcgacc cctttgaatc cagtgatccc ttttcaccc c cagtgtctc 300

<210> 744  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 744  
 agaaaatgtg ggatcaagaa aaggaccatt tgaaaaagtt caatgagttg atggttatgt 60  
 tcagggtccg gccaacagtt ctgatgccct tgtggaacgt gctgggggtt g cactggggg 120  
 cggggaccgc cttgctcggg aaggaaggtg ccatggcctg caccgtggcg gtggaagaga 180  
 gcatagcaca t cactacaac aaccagatca ggacgctgat ggaggaggac cctgaaaaat 240  
 acgaggaact tcttcagctg ataaagaaat ttcgggatga agagcttgag caccatgaca 300

<210> 745  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 745  
 attcatgcc a gttcttccct gaatggcaga agcactgaag aagtaaagcc cattgatgaa 60  
 aacttggggc aaactggaaa atctgctgtt tgcattcacc aagatataaa tgatgatcat 120  
 gttgaagatg ttacaggaat tcagcatttg acaagcgatt cagacagtga agtttactgt 180  
 gattctatgg aacaatttg acaagaagag tcttttagaca gctttacgtc caacaatgga 240  
 ccatttcagt attacttggg tggtcattcc agtcaacca tggaaaattc tggatttcgt 300

<210> 746  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 746  
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gctgctagt tcatcttgta aatccttggc ttttaagctcc aacttagtcc tctgcttaat 120  
ctgctcttgt ctttcagcac taagctgttc tttttcttct ttcatactg aaatttttgt 180  
tttcaattct ctaacttggc gttcgatctc ctccatttta tctcttgcat cctgctgagc 240  
atctcttaat tgtctggatt tttctccact agtctctcgc ttagcagaaa gctcatcaag 300

<210> 747  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 747  
ccgaagaaat ataacacatt ttggacctac aactctttaga tcaactcttg cctatgggat 60  
gctcaggctc tgtgatctc taccttatga tataatagtc gatccaatgt gtggaactgg 120  
ggcaatacca atagaggggg ccaactgaatg gtctgactgc ttccatattg ctggtgataa 180  
taatccactg gctgtgaata gagcagcaaa taacattgca tctttattga ccaagagcca 240  
aattaaagaa ggcaaacctt cctgggggctt gcccatagat gctgttcagt gggatatctg 300

<210> 748  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 748  
attctctcaa taatggccag ccgaaaagta cgcgctgcc ggcactctgcc tccgcggagt 60  
cattaaactc ccacagtggc caccctactg ctgatgtaca gactttccag gcaaagcgcc 120  
atattcatca acaccgtcag tcttactgta attataacac tggagggtcag ttagagggca 180  
atgcagccac ttctatcag aagcagactg acaaaccag ccaactgtagc cagtttgtga 240  
cacctccgcg gatgaggaga cagttctcag caccatctt caaagctggc cgagaaacca 300

<210> 749  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 749  
tttacaatca ggaacttaac gagactcgtg ccaaacttga tgagctttct gctaagcgag 60  
agactagtgg agaaaaatcc agacaattaa gagatgctca gcaggatgca agagataaaa 120  
tggaggatat cgaacgcgca gttagagaat tgaaaacaaa aatttcagct atgaaagaag 180  
aaaaagaaca gcttagtgct gaaagacaag agcagattaa gcagaggact aagttggagc 240  
ttaaagccaa ggatttaca gatgaactag caggcaatag tgaacaaagg aaacgtttat 300

<210> 750  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 750  
gacagacctt acttccagca ttcccaaacc tctgcttcca gttgggaaca aacctttaat 60  
ttggtaccca ttgaacctgc ttgagcgtgt tggatttgaa gaagtcattg tggttacaac 120  
cagggatgtt caaaaggctc tatgtgcaga attcaagatg aaaatgaagc cagatattgt 180  
gtgtattcct gatgatgctg acatgggaac tgcagattct ttgcgctaca tatatccaaa 240  
acttaagaca gatgtgctgg tgctgagctg tgatctgata acagacgttg ccttacatga 300

<210> 751  
<211> 300

<212> DNA  
 <213> Homo sapiens

<400> 751  
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 attcctttgg atgatattga atttgctaag ggtagaggaa catttccctg tgatatttct 120  
 gtccttgata ttcacgaaga tttagactgg aatcctaaag tttctaccct gaatgtctgg 180  
 cctctttata tctgtgatga tggcgcggtc atattttata gggataaaac agaagaatta 240  
 atggaattga cagatgagca aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag 300

<210> 752  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 752  
 aaagaactgt ctcacgcaac cattgattct aaaactggcg atttagggga catcaatgct 60  
 gagcagcttc ctgggaggga acatcttaac gaacctggta ctagagaagg acagactcgt 120  
 ctaatcagag atggggagaa agtcgaagcc tatcagtggg gtgttagtga agggagggtg 180  
 ataaaaattg gtgatgttgt tggctcatct ggtgctaata agcaaatac tggaaaagtt 240  
 ttatatgaag ggaaagaatt tgattatgtt ttctcaattg atgtcaatga aggtggacca 300

<210> 753  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 753  
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 aaggagggtg gataaaaatt ggtgatgttg ttggctcatc tgggtgctaac cagcaaact 120  
 ctggaaggtg tttatatgaa gggaaagaat ttgattatgt tttctcaatt gatgtcaatg 180  
 aaggtggacc atcatataaa ttgccatata ataccagtga tgacccttgg ttaactgcat 240  
 acaacttctt acagaagaat gatttgaatc ctatgtttct ggatcaagta gctaaattta 300

<210> 754  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 754  
 cagagatcaa acaattgtag atcccttcag ttcaaaacat aatgtgattg tgggcagaaa 60  
 tggatctgga aaaagtaact ttttttatgc aattcagttt gttctcagtg atgagtttag 120  
 tcattctcgt ccagaacagc ggttggtctt attgcatgaa ggtactgggc ctcgtgttat 180  
 ttctgctttt gtggagatta tttttgataa ttcagacaac cggttaccaa tcgataaaga 240  
 ggaagtttca cttcgaagag ttattggtgc caaaaaggat cagtatttct tagacaagaa 300

<210> 755  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 755  
 cagcggatgg ccgaaaatct aggcttcgtt gggcctttga aaagccaggc tgcagatcaa 60  
 attacgaagc tgtataatct cttcctgaaa attgatgcta ctacaggtgga agtgaatccc 120  
 tttggtgaaa ctccagaagg acaagttgtc tgttttgatg ccaagataaa ctttgatgac 180  
 aacgcagaat tccgacaaaa agacatattt gctatggagc acaaatcaga gaatgagccc 240  
 attgaaaatg aagctgcca ataatgatcta aaatacatag gactagatgg gaacattgcc 300

<210> 756  
 <211> 191  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(191)  
 <223> n = A,T,C or G

<400> 756  
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 tgagccgaga tcgcactgct gtaccagcc tgggccacag tgcaagactc catctcaaaa 120  
 aaaaaaann aaaaaaaaaan ccctgttaan nncannggtn taagngaata gttnangnct 180  
 ttaaannagg t 191

<210> 757  
 <211> 179  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(179)  
 <223> n = A,T,C or G

<400> 757  
 caaataagtt aaatgtatat ggcattggat tgggaattgga ggtatcagtg tgaactcatg 60  
 gttttgggtt ttttgttttt tgcctttttt gttttgtttt tgttttttga ggcaggggtg 120  
 cactctgttg cccaggctgg agtgcattag ncaccatnac agntnagcac annctatgc 179

<210> 758  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 758  
 caacagtccc aaccagtcga attagaccca tttggtgctg ctccatttcc ttctaaacag 60  
 tagatacttc tgatggattc tcggcattaa ctctgtttc ataaaagtgt gaacagtttt 120  
 atgaatttga aagaaaattt ggtagctctt tatagcattc attcttaaag atcagtccta 180  
 ataggtgatn tntaaatnnn ccanntanaa gaatgaagcn tctctacngg gtagtaactt 240  
 gatnctctt nagganaana ggnggctaaa tngcaagctc tnactaatgg ttctgctact 300

<210> 759  
 <211> 62  
 <212> DNA  
 <213> Homo sapiens

<400> 759  
 ggggtatcag ttactggatc taagcatgtc cactctacac gctttttttt tttttttttt 60  
 tt 62

<210> 760  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 760  
 cacaaggtca ggagttggag accagcctgg ccaacgtggt gaaaccccggt ctctactaaa 60  
 aatacaaaaa ttagccgggc gtggtggcac atgcctgcag tcccagctac tgagaagggt 120  
 gaggcaggag aatcgtttga atctgggagg tggaggctgc agtgagccaa gattgcgcca 180  
 ctacacttca gcctgggcaa cagagtgaga ctctgtctaa aaaaaaacac taagcatgta 240  
 gtttctatat aactagaagc ataggatatt ctgatctgca atccatcaat cagtgccaat 300

<210> 761  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 761  
 tttgaatatg gactatagtt agataatagt cttaggtaat agttaaatgt cctggggtttg 60  
 attattgtgg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 120  
 atttagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 180  
 tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 240  
 caattggtgg gccaggtagt gtgggtggct catgcctgta atcccagccc tctggggaggc 300

<210> 762  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(284)  
 <223> n = A,T,C or G

<400> 762  
 cctttaaaag gcagctgcaa atgaccatt tttgtgataa aactaactca gagtacagggt 60  
 gcaacccac tgatgtaaag agcttttgag gctttgagggt tttagatgac agtcatctaa 120  
 aacaccagct tctcaaatac atcagcttca ggcctgggct gagcctgagg agcctcctag 180  
 gaagttagag atttttgagc tcaaagggt caggagaggc ccaatagttt tcatgcttca 240  
 ttaacccgaa ggcttcccga caatcgncca aggggttncta aaag 284

<210> 763  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<400> 763  
 caaagatact ggatactaga aggcagtgga ggaaggctctt ccaagtgagg atgaaacatt 60  
 ttaaactag gatccattaa atccgaaggc taaagaaagt caccacacat caggactaaa 120  
 atgttgactt ccataaaaca ctattttatt ttatttttat tttattattt tattttattg 180  
 tatttttctt agactgagtc ttgctctgtt gccaggctca agttgcagtg agccaagatc 240  
 acgccactgc attccagcct gggcgacaga gcaagattcc atcttaaaa 289

<210> 764  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 764  
 ccagcctggc caacatggca aaacactgtg tacactacaa atagaaaaat tggccgggca 60  
 tcatggtgtg tgcccgtagt cccacctact caggaggctg aggcaggaga atcgcttgag 120  
 cctggagggc ggagggttgca gtgagacgat accgtaccac tgcactccag cctgggcaac 180  
 agcaagactc cgtctccaaa aaaaaaaatt taaaangatt tttnttatgg nggtttcana 240  
 aatggttgtg nggcaggctg gntgnantgg cacangcctg nantnccagc acttt 295

<210> 765  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 765  
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 gngcagctta nccanttttg aatatgcaat tcagtggatt aagtacattn tcantgttgt 120  
 anagccatcg ccacatcca tctccagaag ttgtgcatct taccaaattc tgtgcccagt 180  
 gaacaataac tccccacctc cccttccctt agcaacagcc accccttttg tctctatcat 240  
 caacttcact actcatattt ctcatgtaag tggaatcata cagtatttgt ccttttg 297

<210> 766  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 766  
 ctctcatgga gctccagagt gacatccagc attgttagca tgcgatcaac atcatagacc 60  
 atcagtgtgc aacacgagtt accaagaggg gctttcttag tggaaagaga gtgataaatt 120  
 ggtaacatgg aagctacttc ctgtgttctt tttctgagaa ctagaagaag gaatacaagt 180  
 tggcccatg ctaatgtgta tatacctttt ttacatacca atcactagtg tgtttagaaa 240  
 ttaggaaagg tcagtaagtc tccagtatat ataaacatct atagtgtatg gaaaggtctt 300

<210> 767  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 767  
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 anttancnng nngnaancct aaangaacca anttnaaccn aaanagttcc ggnaaaaata 120  
 ncaaaaaancn gaaantnta aaagggaagn cccctaaaa ncnngaaaat tcacnttcn 180  
 ttagggttnc ntnttcant tngatngncn ctngaggctn gcaanttttn aancaanctt 240  
 tnaaatcnng angnctntn tgaaaanatt tcancccan cnctaaaatt 290

<210> 768  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 768	
agggacaagg ctataaatat cattaatacc aggttcagga gtttgactg cactaaaaat	60
caactcagct atttgagcac cttttataga gtggaaatgg gggtgggcag tagagaagag	120
cactttttaga gaggttttc tgcagtagtc aggggttaca cctgttaacc agccataatt	180
tttttttttaa gcggtgtgtc tgaggatgag ccccatgtag ttggtgcagg tggggacaca	240
ctgcctgtgt aactagaaaa actaggcatg gccgggcacg gtggctcaca cctgtaatcc	300

<210> 769  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 769	
ctgcaatttc tccaaagctt gccactttcc agcctgtttc cccaattcct ctgtgctctc	60
ctagagctct gtctgaatcc tgcagccac acctaggtct gagaactcag gctttgagtt	120
actgatcttc cttggattag gagaacaggt gttcctcctc ccctctccta gcagccctaa	180
tgtctgacct agcctatcaa gccttaggcg ctggaagaac ccttctcaga cacgcaggac	240
ccaggtaaag tcaaagcttt gcccttttgc ccactgtctg ctaccagggc tcacccactg	300

<210> 770  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 770	
aggggcctta cattactttc ttgcagcact gatggctttt gtttgaggct gcacaaattc	60
ctgcatttcc cttgggttga atggtaggga tgcgggcagt tggtgactgg gtgaaccacc	120
tgacttgagc agggctacga ctctctctgc aaacgaaacc cagagacatg aacagtgtctg	180
agatttctca gtggtttccc atgtaggctg ctttccaagg gcagcaagca tggcttcac	240
actacccag tgcttctgat tcagcactgt gatgtctcgg taagttttta tgaggtttta	300

<210> 771  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 771	
caagattgag cacacggaga cagatactgt ggaccccaga agcaatggac ggccccccac	60
tgctgctgct gtccccaat ctgcgaaata catcgctcag gtgctgcagg actcagaggt	120
ggacggggat ggggatggg ctcctgggag ctcaggggat gagccccat catcctcatc	180
ccaagatgag gagttgctga tgccaccga cgccctcacg gacacagact tccagtcttg	240
cgaggacagc ctcatagaga atgagattca ccagtaaggg gagggagggg ccctggaggc	300

<210> 772  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 772	
gagtatttgc tgggtgcattg gagagtttca cgtaattctt gtgcagattc agcaagagag	60
tttgccggca tgctttgcac agcccctgg acccagtaag gcgattatta gcattggtgc	120
ttgctggaat cagatattcc agaatattct gtcacagctc atcgttgccc tcttcttttc	180



tggtgggtaaa	ctgaggcaga	a	caggct	gggtggaact	ctgcagcctc	a	ggagac	240
ctcgtctggc	caaggactgt	g	acacag	gccctctagg	ctgccacctc	a	gtcccag	300

<210> 773  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 773	
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caacaaagat	aataaagtgc ctgatgttta tatcaaatag gatatggcat gtttctgagt 180
gtttctaaag	aaaaatactg aatgaacccc tcgcctaacc tagtgccctgt ggtaacaata 240
actgacatgc	attgagcgtc tactgtgtgc caggtgcttg ttcgaggtac tttaccggta 300

<210> 774  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 774	
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gagctttata	tctggagatg tgggatcata aaaacgtctt tttaatctga tgatcattaa 120
aacacccgga	gatgaggcac agctgctaata cggaatacat ttccatttct gcggggattg 180
agcatgtctt	cggaaccctc tgcaatagct ttagaaaaca acgttccttt tatcagggtga 240
gaaaactacc	ctatggcatg cctccggata tgtagttctt cctaggctac aaaatatcag 300

<210> 775  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 775	
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taaggatgag	gttagtagga gggctgcttt ccctcagcct ggattactgc tttgtcctag 120
aagatgaaga	tgccatattg ggttatgcct tgggcactgt agatgtgacc ccctttatta 180
aaaaatgtaa	aatttcctgg atccccctca tgcaggagaa gtataccaag ccaaagtgtg 240
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<210> 776  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 776	
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gaaactgctc	tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180
caactgcttg	gagctccaca cttccctttc gcgactcagg ctctgggtgt gttgccaatc 240
cttgcttggc	aaagactgtt cgatcatgtg gggtccttat ttacaagg 288

<210> 777  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 777

tgaaactttg taatttggac ctaattt tgtacatgtt gatgatagga a gggctt	60
cgttttatatt cactgcatgc tcttatgga aagaggatgt gctaagcaaa caggcattgt	120
aaacaatatt tcagaggcaa ggttttggcc tgctttaaaa aaataaaatg tttgcaagta	180
caattaaaaa ccagtataag ggacaggggt gggatgaaaa cctgtctcta agattacgaa	240
gcctgcgtta tttcccctaa atccccttcg aggaagattt gaatccctca tcaacaaatt	300

<210> 778  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 778	
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aaacggggat tttaatcatt ttaagtgtct tagaatgata ttttgggaaa aagcactcct	120
tttctaagg actgcgactc ggtgaacaga aaggaggcta tgcggtgtgg ccagccaact	180
caaggaggac gaagcagcct ttgcctctaa actgcctgga accanangcg tattnttctg	240
anccntcnna ggnagtgtcg agtactgatg cagtctgtag ggantaactn ccttcccctg	300

<210> 779  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 779	
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ctgggcttcc ctctgccttc acgtttcatc tctgacctga ggggcctggc tagatggctc	120
ttctggcttt gacacatttc tactggggcc caggctcaag tctcgggtggc cctgggtggg	180
cactggagac tgttctctgt gaggccactt caaggctgcc ccggaggtcg cccaacctgc	240
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<210> 780  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 780	
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gaggcaggag aatggcgtga aaccaggagg aggagcttgc agtgagccga gatcgtgcc	120
ctgcaactcca gcctgggtga cagagcgaga ctccgtctca aaaaaaaaaa atntaattat	180
caaatgcntc ccattngat agtcctacnt tatgngacat taacctatat tcctgggtcc	240
ttttaattcc caactactgc tnttanaggt cttanccttt tatgttaatt tttta	294

<210> 781  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 781  
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taacttttac aaagaagtat ttttaaactg atcattaatt ttatgaccac agaaatgaga 180  
tgcaaaatatt atgctattgt cagtggcaca ggctcacagc accactgaca ttttgtgtga 240  
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<210> 782  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 782  
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ttcaggatgt ttaggtggct ccacatgcgg atgtacagct ttcccctgct tgttttcccc 180  
atggcatatt aacagcgaga tctgcaagaa tacatcattt tgtacagaac aggatgtatt 240  
tcttttaaac tacgttctg tgtggacaag tggatcata tgcaaagggt taaggaccgt 300

<210> 783  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 783  
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ccccaaagtgc tgggattata gatgtgagcc cctgcaccag acaattatat ttatttttaa 120  
aaacgcccct catgaagtct gggtaattct ctccagattt ctccttatca acaaatttat 180  
aagagttagg aaaaaaatga tgtaaataaa gcacttaaat tgcgacagtg gttctattct 240  
taacatcata atgcttatga ctaaggagca ttcttttttt tataaattaa atgtattctg 300

<210> 784  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 784  
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gaaatacaga acatttcctg aaaccgtgtg gttgagggtga aacaggcatt ttgcagtctt 120  
atattttgag taaggccaaa cctgcctagt gttataaaac tagacaaaaa acccaggtac 180  
ccggtcttgc aggatagaaa tgtgtgacta aaatgaagca tcatctgag aagactacaa 240  
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<210> 785  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

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acgagatgca tcatgccacc attttcctgg agcccttcag gaagcttcca ctcatggcag 180

aaggtgaagg	gcagccagca	tacagtgga	tcacgtggtg	agaggggaagg	agagag	240
aagaggggag	ggtcaggctc	tacatacaa	ccagcttttg	tncgtnnca	tgaggtgaga	300

<210> 786  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 786						
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ccaaaaggag	tgtatttttc	cagtgatact	ctcatatcac	cttttctaac	cttcacagca	180
tagatgtgga	cataggattg	gtgcctccat	attgagagtt	gaagcatctg	tggtcaaaata	240
ctgtgtcatg	cttggtgcta	ccacttgaaa	cagtgtctgga	acttagattg	ccctcgtgct	300

<210> 787  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 787						
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ctttctgact	atcctataga	cacagtaatt	ggacctgtgt	ttttttctaa	tcttttatatg	120
acagcacatt	tcctaattca	gggaccatcc	cctatcccaa	attccatcct	gtgagatgtg	180
aaacctgtga	gttcatgtga	atgagtgggt	gaagggcttg	acgccatgta	gtctcttagg	240
aaggcttcag	ggtgctctta	tggtgttgct	ttgccattat	caaatggcat	tgattgatcc	300

<210> 788  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 788						
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gagccttggtg	caattcccgg	accaaagtgt	gaaactgcaa	gagtgccctt	taaaagacct	120
tcttaggcct	gtgacttggt	ctctaccaga	acctttgggc	aacatgaagg	aagtcaaagg	180
catttactgg	cttgctgttg	ctgcctgcac	agcacctgac	cctcaaccag	cgtgtttgct	240
cctgcttcag	tcaactttat	atgctttggt	cctgtcagat	aatctcggct	caatgagcat	300

<210> 789  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 789						
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tctctgacct	cagtccccca	catagctggg	actacagggg	cacaccagct	aatttttgta	120
ttttcagtag	agttgggggt	ttaccatggt	gaccaagctg	gtctcaaact	cctggcctca	180
agtgatccgc	ccaccttgac	ctctcaaagt	gctgggatta	caggcatgag	ccatcacgcc	240
cggccagctg	ttggttctta	atgacacagc	ttaactttat	tgtgaaaaga	ttgcagcaac	300

<210> 790  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 790

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atgcataatcg	gtgcactgta	tttattcaa	aatgcctttc	ctatgattgt	caagtccctcc	120
tttaaggctt	ttccctcaaa	tttattacaa	atttagtatt	tttagtactt	gatgactcta	180
attacatgaa	tgcacctgga	atgacatttg	taacagaaga	cagtctgact	tgctttcagt	240
attcacaagt	tctttccagt	ttccaagtct	tttcctagca	gtaatttagg	ggagacagag	300

<210> 791  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 791	
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tcagcagtc	gagtgcacca agaagggtgc tttagtttgg agtttcaaaa ggccatactg 120
taatagtga	ccagaaatca agcagccctc agaaagactg aaacgcatct acggatcatc 180
tcaatctgat	tgcataaagg tgggtcaaga tttattagtg ctttttactc gcctctccaa 240
tttttcatat	ataatgtcca gcaccacatc aaaaataacc cagcatagat ggagataaga 300

<210> 792  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 792	
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ctttgactct	gccacctccc actactcagc tcaactcatac ttcctgccat ctttcatctt 120
cccaataagt	atatcatttt cattacatta gtatcagact ttacattatt atgacatgt 180
aaatgctatt	tctaactgag ccatgtagta tactctgatt acttttcctt tcttgacaaa 240
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<210> 793  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 793	
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aattacctct	ttaaaggacc tatctccaaa tagtcacatt gtgggttagg gcttcaacat 120
atgaataatg	gagggataca gttcgggtcca taacatacac taactgtctt tgtataactaa 180
tcctcatttt	gacagattgt catttaagaa aaaattatc ttaagtagaa tcattgactt 240
ggaccaatt	ggaagcattg ttgtcacctc tcttttggtg cttccttttt acctttggat 300

<210> 794  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 794	
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aacatttgtg	caatgctggt gggaatgtca acccgtgcgg ccctctggaa taagcctggc 120
agctcctcca	agagttaccg tgtgaccag caattccact cctagctcca cccacaggaa 180
ttgaaagcaa	agacgcaaac agatgcctgt gcaccaaagt tcacggcagc atccttcgcc 240
atagtggcag	catccgtcgt cacagcggca tcaccttcca tcatagcggc agcatccgtc 300

<210> 795  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 795

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aaggacaccc	aagaggaccc	caagtttgga	gcctctagag	ccctgttggt	ggctctgcca	120
ctggggagtg	ttagcgttgc	tagctctgct	gaggttgaaa	tgaacgtgga	aaaaataaac	180
tgatacacat	atgatgtctt	gtaagtctct	ttcaccacat	ctgctttgac	ctacaacact	240
gctgtgttta	tatcaggttg	tttataaaac	cttggaact	tcgctttcca	ctccatttgc	300

<210> 796

<211> 300

<212> DNA

<213> Homo sapiens

<400> 796

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ctccccattt	gttgtagtct	gtatgtgcta	tacccaacct	agagcagggc	gccatgcctg	120
gctaattttt	tttttttact	ttttacagag	atggggcttc	actatgttgc	ccaggctggt	180
cttgaactcc	tggcttcaag	tgatactcct	gcctgagcct	cccaaagtgc	tgggattata	240
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<210> 797

<211> 300

<212> DNA

<213> Homo sapiens

<400> 797

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gactaatggc	ccagggacac	acagtcaccc	tctgcaggca	acagtcaggc	ttctacttgc	120
tgaagccgtc	aagggttga	ctgtcacact	cagtgttctg	gaaaacaaat	cagtaaagca	180
atttagagga	tcttttgcaa	atcagagaaa	aagaatcaat	acaaggcgaa	agaattctga	240
tcagcacttt	aaaacgtgct	tatcagaaac	ttttcttctc	tcttttaagc	tttggttcta	300

<210> 798

<211> 300

<212> DNA

<213> Homo sapiens

<400> 798

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gtatcatcca	cattacagac	ccggttgtag	aaaactgaaa	ttctgactgt	aacgccatca	120
tgggatagtt	ctgacctgct	tgctagttag	tatgtgaaag	cctgaatttt	gcttcaaaaa	180
agccattcag	gattaacagt	gtattgtgta	ataaagtgga	ctttgtgtga	aagttggaga	240
tcccttgtag	ataattcaga	actactggaa	gtttcacagt	acacttgtaa	atgatgaaag	300

<210> 799

<211> 300

<212> DNA

<213> Homo sapiens

<400> 799

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ctgccatgta	tatccgaggc	tttgggccta	ggggccttat	cagtgtgaaa	ttagtcccca	120
gtgcaaagca	gccagtctcc	caagagacct	tggcagagct	gggagtctct	tgtgctttgc	180
cttttgaa	ctcattcagc	tctgccatgt	ctcctctaca	ctgttttgta	caaccttact	240
gcacacttaa	cactcgcatg	gggatgcagc	agtgccccgg	cataaggatt	ggaggactgt	300

<210> 800  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 800  
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 tgcagtgaat tatgagccaa tgcactccag cctgggtgag agtgagaccc tatctcaaaa 180  
 cagcaacaac aacaagatac aaattgagaa actgttactt gatttgcgat atgtattctg 240  
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<210> 801  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 801  
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 ttggatttct caagtgtctc ttttctactg tccaaaaggc agaattgtat ttttgctcga 240  
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<210> 802  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 802  
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 gaaccaccgt tttgcaactg tcatggctat gttgagttat gtgggggaga agggcatatg 180  
 gtagtaaact gaattctcct gtctgcctac agctgcattt ctcacttggt tctcttctct 240  
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<210> 803  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 803  
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 gacactcagt tgacacttgt tatatcatgg gaccccgga attggagtga agctagaaac 180  
 agaaaaccca tgcagggcct cggattccca caaatgtgac aagagggtata gggagtgagt 240  
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<210> 804  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 804  
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 ttaaccattt ttaagtgtac tgttttgtag tgctgagtgt attacattat tatacaacca 180

atttccagca ccttttcac	ttt	aaaaact	aaaactcttt	acctattaaa	cttactcc	240
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<210> 805  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 805						
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tgtaaataatt tgtcctatgg	accacggtaa	cgtggattag	cattcagagt	agtaaccagt		180
agtgggagtt ggagtcatag	agtattgggt	ctctttatcc	caggagattt	ccaatggggt		240
cagtttctac tgacctttta	gagagaccat	gctatgctgt	cttttttttt			290

<210> 806  
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 <212> DNA  
 <213> Homo sapiens

<400> 806						
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caccatgtac taagttggta	acaaccgctt	agaggaaagc	tttcgttatg	caagggagaa		180
catcaaaaag ggcacttata	ccaaatgaat	gcagcaattt	aaaccaaaga	tgtttacgca		240
gggcaagaac aaagtaaggc	aggagtttgg	ggtcaactag	gctgatgtct	ttgaacaccc		300

<210> 807  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 807						
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ggcgtgaacc cgaggggcgg	agcttgacgt	gagctgaaat	tgcaacactg	cactccagcc		180
tgggcgacag agtgagactc	cgtctcaaaa	taaaaaaata	aaatgggaat	atcaataggg		240
cctatttagt agggtggaag	tatagctcta	atgagatggg	ccatactggg	cccccagcac		300

<210> 808  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 808						
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cttcatggcg gcctggaaac	aaggcaatca	ttatgaagct	tcagcccagt	tcttctgaaa		240
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<210> 809  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 809



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ctgtgaagga	attaacctaa	gtgcttcag	agcatctcat	gtaacctcta	tggagtaagt			180
cactttttct	gtaacatgtg	gcttttgacc	ttgatgaaga	ctttgacttc	tcatccctgt			240
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<210> 810

<211> 300

<212> DNA

<213> Homo sapiens

<400> 810

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tttacataaa	catctactta	gcatagccga	atagttcctg	actacaccag	aaaagaagt	180
tgagcttcca	gtctttttta	ttgtagacag	gaaggtaggc	aggagagcaa	taggaaggct	240
cgacaggaaa	gcagtttctc	agtcggtagc	aaagggaagg	tttaggtcca	gtttgtgcag	300

<210> 811

<211> 300

<212> DNA

<213> Homo sapiens

<400> 811

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cctctgacct	ccaagatggt	aggtggcctt	tctgtgcctc	agttttatca	tctgtaaatt	120
gggtatgatt	gtactagtgc	ctagtacata	aggagtgtcg	caaagattac	atgagtgtct	180
ttaaagtcct	tacaacagta	tctcacacat	agtaagcatg	gcatgtggta	gttactatca	240
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<210> 812

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 812

ggcacagtca	gggagttagt	tagtggtaga	ctcagcagga	gttggttgct	attcagatgt	60
gttggggaaa	gtgacaggca	tagctgactc	ggggtcattc	actaagccag	gagcccagga	120
agacacacag	atgcaagcag	agatcgtgcc	attacactcc	agcctgggct	acagagttag	180
actctgtgtc	aaaaaaaaaa	nnaannaaan	gggccttgng	tggtaccagg	tanaaaattg	240
aatntcngtt	gncatnagnn	acctgtntctg	tatgatcnct	tcccattccc	cagntgacgg	300

<210> 813

<211> 300

<212> DNA

<213> Homo sapiens

<400> 813

ccctccttgc	ccagagcagg	cattgctcat	ccactaggca	cttcttcctg	ccaaggcacc	60
tcttcctgcc	aagtcagtgt	ctcacgatcc	ctttcaacac	agccacgagg	aagccatgat	120
acatcaactg	gcactggcaa	ataaaatcaa	acctatttgc	ctatccagtc	ttatcccact	180
ttgttgtttt	ctctaagtag	ttggaaaaca	acatgtccag	agaaaaatac	cagaacttat	240

tctgagtatg ttcttcagag ccttta gaatcttaat gatgtttaga caggaa 300

<210> 814  
<211> 162  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(162)  
<223> n = A,T,C or G

<400> 814  
ctcggagcca ccccggaaga ccatgcgcag aggggtgctg atgaccctgc tgcagcagtc 60  
ggtacatgac cctgcccctg tggatcgcta agcctgggtga ctagctanna cctatntggg 120  
gctcntcttt gtttnngana ctacatagga cgatcggtga ta 162

<210> 815  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 815  
ggcaacaaga ccaaaactct gtctcaaaca acaaaacaaa caaacaacaaa acaatcacat 60  
tcaaagctta gccaggagaa aaggcgctag gagatacccc actgggatcc ttgaagaatc 120  
ataacctaaa aatagatgtg aacctgaagt agacaagcga tacaaaatct cagtgcagtc 180  
agtctgggat tggtttagct tgatcactcc cattcagctg cctaccagag gactgggcga 240  
acgatcactg aagaaagatg ggagtctcta cctttctcat aagttgtttc aatgaaaaat 300

<210> 816  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 816  
ttgacggcgc gggctctgga ctgcgtgctt ggtaaaaacc ttcctcttcc tccagtgcgg 60  
gacgcactct ctggtatctc ttttgacctc ccggaggctt tcctttgtcg gtgcgggcgc 120  
cactgtacta tggcatacct cgttttatta cgcttcgcag atagggcatt ctgaaaacaa 180  
atggagggtt tgtggcagcc ctgagtccag caattgtatc agcgccattt ttccaacagc 240  
atgtgctcac ttggtgtctc tgtgttacat tttggtaatt ctcaaaatat ttaaaacttt 300

<210> 817  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 817  
cagagcttag acatccaaaa ctaatcaatg ctgaggtggc taaataccta gcctttttaca 60  
tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattggggg ggggttaattt 120  
atcattcaaa aatcttgcac tttcaaaaat tcagtgcagc cgccaggcga tttgtgtcta 180  
aggatacgat tttgaacctg atgggcagtg tacaaaatat gaaacaactg tttccacact 240  
tgcacctgat caaaagcagt gcttctccat ttgttttgca aaaaaatggt tttcatttcc 300

<210> 818  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 818  
gagacctcta acctcccgca g agcaaa tacactctga gagacattag gg tgtggc 60  
aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120  
ccaggaactg tcctggcaga taagacagac tgtgcaaggc catcgtcac ggcatgggaa 180  
gggcattaat taccaaagtg gagacacagt cactgtctcc aagagcattt ggaatcactt 240  
cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300

<210> 819  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 819  
agtgtgatct gcagggagag aaccaattac agtatgcttg gagaggggtga catttattct 60  
gctgaacctc ttctctgctt cacataacgt tggccacttc acctttcctg agatgtctct 120  
gaggatgggc atattttaaa gacttgagct tacatcatcg catcttgaaa gaaccgagta 180  
taattgagtt gctgatacaa gtgggtactt gcaccaggct cgggtcaccc acatctctat 240  
ggaaacacat gtttgcttta aagcccagca atcagaagca gatccttata ggagccagca 300

<210> 820  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 820  
attaaagttg aagcctttct aatttttgaa ggttgagcac tttggttatt catggtttta 60  
tatgacgata atcttttata catcgctgca gttttctatt ttgacttgaa ttggaggcag 120  
agctccacca cccagtggtg tcgtctgatt tcccagacta gagtccagcc tttcctgtgc 180  
ttgcctggct tccctccatg ttgcttccta ccccaccata tatacccttc acatccaaaa 240  
tccaaaacct cacactcata cgagaatccc tgttagggtc ggtttatatt tacacactaa 300

<210> 821  
<211> 272  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(272)  
<223> n = A,T,C or G

<400> 821  
cctcattatc caccacgcac agatggtaca gctggggctg aacaaccaca tgtggaacca 60  
gagaggggtc caggcgcccg aggacaagac gcatgaatgc agaatgaccg cgtgtncctg 120  
nctgatcacc tggggatnac cctgnaccc ntgtnttgnt caggacntct tatagntnct 180  
nnngttntct tttntnant gttgtntga tnntttntn nttntntggn gcttnaagg 240  
ntnatgtntn tngtggtnat tttanntgat tt 272

<210> 822  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 822  
cagatacagc ctagtgtccc tcagttacac aatagtgtgt cccccagtgg taggacagtc 60  
tactactgag tcctctggc atgagtcgag ctgagattag gatagggtaa tgacccttca 120  
gttttgggga aggaccaga gctcggccag tgagaagctt ccagctccgt ctggccatat 180

ccaggctgct	gagggctctg	gctgtcc	ttaaacctca	tactgacat	gagcaa	240
acctcctcaa	gaggaaaaag	ttcttggg	tcaaacacag	cttgtgcagt	tgaggggac	300

<210> 823  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 823						
ctttgccatt	gtggctgtgc	gagctcagcc	tcctggaaaac	ccgccctgag	cttggttaac	60
agcattcact	ccaggtttag	cccagctcca	ggttatcgca	ggcaggactc	ccgagaacag	120
gttcatgttt	gctttttggg	aggtgctgcg	ctaaagtgga	aaaccaccct	gggccgagtg	180
ggacctcccc	agctgggcgg	ctgttaacca	gccaggatgt	ctgaccctga	gaagtcaccg	240
tgcactcttg	ggactcattc	ttctcatcag	caggatgggg	tgatggagcg	ggccttactg	300

<210> 824  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 824						
ggcagagaat	cccttgtaga	aagggtggggg	agaatcatag	gatattataa	ctgtaaggaa	60
catgcaagat	tttcagatt	atacccttga	tagaatagat	aagttcctta	aggctcagat	120
cttgcttaaa	gtcgtccagc	ctgttagaga	caagtagaac	acgaagctgg	cctctggagt	180
ctttattgag	tactttgtac	aattgggtga	gactgggaga	gccctcctca	cttccccctt	240
cttgtgctgt	aatttcctgt	ggggcagaac	acctcagagg	tttctgtgca	tcaaaataag	300

<210> 825  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(269)  
 <223> n = A,T,C or G

<400> 825						
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ttggttctca	gggaaagagt	gaggcaggca	gcactcccct	gactcacact	ggcttctgca	180
tagggtgctc	tggggaagct	tggccttatg	ccataaggca	tctgggcagg	gccactgnag	240
ctgnctgatg	tagcctgcct	atttagnat				269

<210> 826  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 826						
cacagaccca	gaacctgcta	tgcggaacaa	ggctgatcag	caacttgtgg	aaatagacaa	60
aaaatatgct	ggattcattc	atatgaaagc	agtggctggt	atgaagatgt	cttaccaggt	120
acaacaggca	atcaacacat	gcctaaaaga	tcctgtaagg	ggtttcagac	aagacgagtc	180
ctctagcgct	ttgtgttcac	acctttactc	catgatccgt	ggaaaccgcc	aacacagacg	240
agcctttctt	atttctttac	tcaacctctt	tgatgacaca	gcaaaaacag	acgtgactat	300

<210> 827

<211> 179  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(179)  
 <223> n = A,T,C or G

<400> 827  
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 tccatccagg gagtggncct tgatggcgcc aacgttcacc tcatngtncg anaggatgg 179

<210> 828  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 828  
 gcttgaagtc tccttgggaat ctttccttgt ggtgcacatg ttcttttggat tttattccac 60  
 ctttgattgt cccatagcaa aacaaagaac ccacttaatg gaagaacttg acattctccc 120  
 atgtttgttt caaagccaca taggcatgtg tctacgagat gctgctttga taatgagttg 180  
 gttatactcc tgcatactac tcaattgcat aaacattctc taattcctaa tggaaaggct 240  
 gaagaacctt aagcctactc acttggacct gctgttgatg agtgccctggg atgctgagtt 300

<210> 829  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 829  
 ggtaagtaac ctgtgcagag cacagaacta ggattcagac ctacagaccc acaagtcagc 60  
 ctctaaggcc cacttataac tgctcttctg cttgcaaggc cctatggatg aaatccagtt 120  
 ataacctcct tttgctataa ctagacacag agggaggcgt ttctccctaa tctgtattta 180  
 tccagacaag ctgtccagca agatttctga gtgaggggct ttaaggaagc aatctgcggg 240  
 tgtgtagcct tttctccctc agcaaataca gaaggagctt atagcccggg ctcacctgac 300

<210> 830  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 830  
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 cccgggcnncn ccnnggntn cngggntggg ngctnnaccn tccccccctc agggntatnt 120  
 ttncctntnc ccttnctnc ccgncnanan ntttncnngg ggngggcnaa aaaaaaagtn 180  
 aaaagaaaag aaaaaaaaaa aagaaacaaa ccacctctac atattatgga aagaaaatat 240  
 ttttgtcgat tcttattctt ttataattat gcgggaagaa gtagacacat taaacg 296

<210> 831  
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 831

gtgggctctc	ccttaaagac	acatggccac	agacacctcc	ttcggatatg	taatatgcct	60
tcccctgcgg	ccttccgtgg	tcacagcaac	agggactgct	caccccctcc	agctggggct	120
tttctaacaa	gcacagtcag	aaatgcgcag	gcctgggggt	ggggatgaac	agaagttgat	180
tagtgggcac	agaaatacag	ttagatagaa	ggaatagttc	cagcattcga	tattacagta	240
gggagactgc	atttaacaat	aattgattgt	atatttgaaa	acagctagaa	gaataagaat	300

<210> 832

<211> 300

<212> DNA

<213> Homo sapiens

<400> 832

ggcacttgag	aagtctaaga	gaagctctaa	gacgtttaag	gaaatgctgc	aggacagggg	60
atcccaaaat	caaaagtcta	cagttccgtc	aagaaggaga	atgtattctt	ttgatgatgt	120
gctggaggaa	ggaaagcgac	cccctacaat	gactgtgtca	gaagcaagtt	accagagtga	180
gagagtagaa	gagaagggag	caacttatcc	ttcagaaatt	cccaaagaag	attctaccac	240
ttttgcaaaa	agagaggacc	gtgtaacaac	tgaatttcag	cttccttctc	aaagtctgt	300

<210> 833

<211> 300

<212> DNA

<213> Homo sapiens

<400> 833

ctctcaaata	gaaatgggag	ataagaaata	tatctgtgca	atattaaatt	gaaaaaaaaa	60
accataaaa	agtgtcaaag	gcaaataatt	tgctctagat	cacaaaacta	gtagcacaa	120
ggctaggatt	ataaccagg	tctaggaaaa	aatcctgaag	gtgatttaac	tgagtgttag	180
gccctgtcaa	gccacctgct	aaggctcatg	gtctttcaga	ctagcttcaa	cattccaaat	240
caggcaatag	ctacaacgga	aagataattg	gacggggaat	cctgagatca	gagtcctagt	300

<210> 834

<211> 300

<212> DNA

<213> Homo sapiens

<400> 834

cagacaagaa	tcttccctgc	cgctccttag	tatgtgcagt	actggacctg	atggtagagt	60
ttattgtaac	acacatgatg	aaggagtttc	ctatggatct	cfatatacgc	tgcatccagg	120
tagtacacaa	actgctctgc	taccagaaga	agtgtcgggt	acgcctgcat	tacacctggc	180
gggagctctg	gtcagccttg	ataaatttgc	tgaagttcct	tatgtcaaat	gagactgtac	240
ttttggccaa	acacaacatt	tttacattag	cccttatgat	tgtgaacct	tttaatatgt	300

<210> 835

<211> 300

<212> DNA

<213> Homo sapiens

<400> 835

agaccattta	actctacccc	acactttcag	tggtgggatg	tgaggaagaa	agcccatgcc	60
aagctaactg	aaagcttatt	tggctccaat	tcggctgatg	ttccctcact	gcagaatgtc	120
ctggaaacca	agggtttgca	gtccttaaac	ctattgcatt	aggcacaccc	aagaagaaat	180
cctgttcgat	gcacatgctc	cagtttcaat	cagcaacaag	gtcaaaagtt	tccccccact	240
ttctgttcca	cagtgcgttc	cccttgcagc	cagacattag	gcacagattc	atccctattg	300

<210> 836  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 836  
 ctcaccaatt agcactgccca ccgcaggtct gtgaattgca tgtgaaaata gaatttgtcc 60  
 agaagtgtct atgcaaatg tgcaacacaa atgtggcctc catgtcaagt cctttcacgt 120  
 gttctgacag actcatgtct ttccagattt ctctgatcgg cgccccccac ccccttgaca 180  
 gttaccagag ctcataagcc aaaggaaata gttcctgttg ccatgagtac tgtgtctgtg 240  
 gtgaggttta tgagctgtct ttagggctgg gtttttgcct gagaaaacaa tcagatttcg 300

<210> 837  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 837  
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 tcctggcctc ctttgagaac tgatgggac taccctctgt ccacgcggga cagtttctca 120  
 gaactggttc atagaccacc tgtgtcacca acagccagat acctaatccc tgagcctcct 180  
 ttgggaaggt ctggggccga gggctctggga atttttttt tttttttngg nacanagtct 240  
 nnttnngtca ntgcantcca nccngggnaa caaatcgana ntccntttt aaaaaaaaaa 300

<210> 838  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 838  
 ctaagcccca aaacgaactt caaactgggt gtgggtggcac gtgccttttag tcccagctac 60  
 ccgggaggct gcggcaagag gattgcttga gccaggagt tgcagtccaa cctggggcaaa 120  
 agagtgaagc cccatctcta aaacaaaaaa ggtaccttag aagggtcacct ggttggctaa 180  
 ccttttaaaag gcaggggcgt gacacgtagg acacattggg aatgtcttgg ctactacatg 240  
 tagccttctg ggatatatgt gccagaggg agaagcactg agcctgaaga aactagatga 300

<210> 839  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 839  
 atnncnntcg nnaannatnc nagaaattnn naagtnttna ncanananaa naaatnancn 60  
 cgcangnna aaannnnngn nnnncgaccc caccagctct gtataggcct caaaggggct 120  
 gggagtgggc tgccctcgg gtaggtgagc ttggcaacgt gtcttcaggt tggagagagt 180  
 ggataggcaa atgccataaa gcacatttcc agttcctgtg aaactcctct ctccgcaaaa 240  
 agtggagaac aatttgagga ctgaaataag 270

<210> 840  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 840  
 gccacttgac acagtgagtg gcctcttaaa tctctcggtta ctctaccatg tctggctgtg 60  
 tgggtgtcttt ctctgacga cttgggtatgt ctcatggata ctcttcaaaa tctatgccac 120  
 agaggctcat gtgtttcctg ttcaaccacc atttgcagaa gggtcagatg agtgccttcc 180  
 aaaagtgtta aatagcaatc ctccccccat cataaagtat ttagccttgc aggacctgat 240  
 gttgctttct caatattctc cttcacgaag acaagaagtt ttcagcctca gcccaaccagg 300

<210> 841  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 841  
 gttctcaggc cttccaggta gtccccttcc tggacttaag agtgcaaact cttctctgtg 60  
 gttctagcct tgggcagaat tatatcccag agaccacaga gcaactgtca agctgcttac 120  
 cccctcacc agggctacag cctgtgccca gccctctaatt ttgtgcctct cttgtgttgg 180  
 gggaggatga gggagggtttc nttncctttc ctgcnnctgg ctnctanaaa gntcanagna 240  
 cccantgnaa ganancctta angnncagca ttttagtg 277

<210> 842  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 842  
 gagacctcta acctcccgca gttgagcaaa tacactctga gagacattag ggactgtggc 60  
 aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120  
 ccaggaactg tcctggcaga taagacagac tgtgcaaggt catcgatc ggcattggaa 180  
 gggcattaat taccaaagtg gagacacagg cactgtctcc aanagcattn cnaatccttc 240  
 acagagtncn caaggngggg gaagcctatc nnnagctcc ncgcgggacc ggctgcccc 300

<210> 843  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 843  
 cgaggccagt tccaggccca ctttttgccc tgtgagcccc ctgcatttct ggtttctcct 60  
 tttccaggca gctactcggg ggagcttctc tatttaacat ctagtgtgtg attcatgtct 120  
 tttgttgttt ctttcagtga tgttgcttat ttccccaatg acactgttgg gagcttctta 180  
 agaacaggct gtctagggac aaggatgtga agtggtacaa gggaaaagta ggccgtttag 240  
 gacctgtggg tgtgtcatga ctgtgcttgt atctcttgtt agctttgtgg ccttaggttc 300



<210> 844  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 844  
 actgaatggg ctgtatctgg ggaatcaagg tattaggggt gagcaaaagc aagaggaagt 60  
 agagcatttg atctcttttc ctttgattag gttgaggaca ataaagtctc attctctccc 120  
 ttcttcccat gggcagcctt atatatgatt gaagaacatt agtgcaaaga ttcctcatcc 180  
 agaaataaac tcttgtactt ctatactaata taaagattca tgtaaattac taagttcttg 240  
 gaaaactatg gagaactctg tgggggctgt cattcacact ttagtatgaa ttggtttaat 300

<210> 845  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 845  
 actgagtctg ggggcactga gtcagagcca gctccgcctg cccaccatga ctgggtggct 60  
 cttatacaca tgtactcttc ccatctccag gtcccagatg tgcaggcctg tccactctcc 120  
 ttttccccta ggcagggatg gaggggctg tccagtcctgt ataatttga gtgactggag 180  
 ggggtgggggt attgatgcat ggtattccag taaacttctc tgcttgtgtc ctaaaaaaaa 240  
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa a 291

<210> 846  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 846  
 attgaaaaag agagtcatg taaagccgat tattatttaa tctaaagtta tgttcacata 60  
 ggaagcacta gtgtagagaa ataggggtctg agggacaagg agcctgtgtg cccgtgtcgg 120  
 cagccgagta actgccaagg gtcccctgct tggcactctg ctgtcccact tgcttccctgc 180  
 cctctctgga ttctaact tgtgccattg tgcattccgtc tcagggtcatg gtgctgttac 240  
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<210> 847  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 847  
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 tttgtgaatc ctttctccca ttcaaaaatc ttgacaacct tgtgagacag atatgtcac 120  
 cttactgatg agtacggggg cttggcaaag taggtatgtt gttcatatta cacagctagt 180  
 aagtgggaaga gtcaatatca tatactccca gattcagaac tttaaataac cccatgtctac 240  
 cttctaggga aagcttctgc tatgtgtttg gaggggttagg tgagagaaag gtgaatttta 300

<210> 848  
 <211> 181  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(181)  
 <223> n = A,T,C or G

<400> 848  
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 cannatggnc anaatanntn nccttatctt tnttgnctng aanntnnntc tgnngtncn 180  
 t 181

<210> 849  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 849  
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 gtgggagaag ctatgacctg tgcagcagcc tggtaagtcc tgaggagggt ccattgctct 180  
 tctgtgctgt gtcctttgct tctcaacggt ggctcgctct acagtctaga gcacatgcag 240  
 ctaacttggt cctctgctta tgcagagggg ttaaattaac aaccataacc ttcatttgaa 300

<210> 850  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 850  
 cagagatgag tcagaacagt ctctcaatc ctgaaattca acaaggcatc agaagggctg 60  
 gctgtggta agccagctg ctgtcatgtg aggagatgct cactgtggtc ttgttgagct 120  
 gatggccttg gttgagctga tggacaagtg aaggaggcca tggggctgtg ctgtccttcc 180  
 tgccgtacgt gccattccac tctcttcagc tctccctca acagcatgcg agcccatacc 240  
 ttctgcattt ttccaggcct gtgagggata taggcctccc cttggagcac tgagtccgga 300

<210> 851  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 851  
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 gggatcagga gggggattac cctgatgcct gctgcctgct cccatttgat ccacccacac 120  
 agcctctcga ggtaggggct tggcaccocg ttgtccagct gtgtgtggcc tttctgaatg 180  
 acgtgggttct tgggcatctg agccagtcgc cagccatgtg ccctgccccca caggccctgg 240  
 gagttcctgg taggatccca cagctgttgg caagtctgag gtttgccttt gcagatggaa 300

<210> 852  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 852  
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 gggaatctgg acacgtttct tatcctttgg gcctcagttt cctcatctgt agaatgggaa 120  
 tgacaacagt acctacctca tggggttaag gctcaggcca gttaacaccc taaggagcga 180  
 tgccttgat gtcgtaaatg ctgaaaagc atgagttggt atgaataggt cctgggtgcc 240  
 cccaccttcc ttccacaaac caagacaacc aaggagccac acctgccacc tggctttgct 300

<210> 853  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 853

acaagaggag	gcttatcggg	aggaacagct	gattaaccgg	ctgatgcggc	agtcccagca	60
ggagcgcagg	attgccgtgc	agctcatgca	tggtcggcat	gaaaaggaag	ttttatggca	120
aaacagaatt	ttcagagaaa	aacaacatga	ggaaagacga	cttaaagatt	tccaggatgc	180
tcttgatcga	gaagcggctt	tggcaaaaca	agccaagatt	gactttgaag	aacaattcct	240
taaagaaaag	agatttcatg	atcagattgc	tgtggaaaga	gctcaagctc	gttatgaaaa	300

<210> 854

<211> 300

<212> DNA

<213> Homo sapiens

<400> 854

aatgtatttt	ttcagtaagc	acccagaggc	ctccattcag	gctgtttttt	cagatgcccc	60
aatgcatatt	tgggcattag	aaggtctgtc	gcacttagta	gcagcatcat	ttacagagga	120
tagatttgga	gttgtccaga	cgacactacc	agctatcctt	aatactttgt	tgacactgca	180
agaggcagtc	gacaagtact	ttaagcttcc	tcatgcttcc	agtaaaccac	cccggatttc	240
aggaagcctt	gtggacactt	catataaaac	attaagattt	gcattcagag	catcactgaa	300

<210> 855

<211> 300

<212> DNA

<213> Homo sapiens

<400> 855

cttttttaag	caaagcagtt	tctagttaat	gtagcatctt	ggactttggg	gcgtcattct	60
taagcttggt	gtgcccggta	accatgggtc	tcttgctctg	attaaccctt	ccttcaatgg	120
gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgtcggc	ctctcctggt	180
aaacaaaaac	attctaaagc	cattgttctt	gcttcatgga	caagaggcag	ccggagagag	240
tgccagggtg	ccctgggtctg	agctggcatc	cccatgtctt	ctgtgtccga	gggcagcatg	300

<210> 856

<211> 300

<212> DNA

<213> Homo sapiens

<400> 856

ctgacctcct	cctcagagaa	agcactggcc	aaccagttcc	tggcccctgg	ccgtgtgcc	60
accacagcca	gagagcgagt	gcccgcacac	aagacgggtg	atctgcagtc	acgggcgcgg	120
tacaccagcg	agatgcggag	tgagctacta	ggcacggact	ctgcagggtga	gtcaccatga	180
acacaacagg	acttgagggc	cagctgacta	ggacaagaca	tgtatccttg	ctgccccggg	240
gcctccatgc	cgagactcca	tgccttgact	ccaacaggag	catcaccaaa	ctacacctgg	300

<210> 857

<211> 300

<212> DNA

<213> Homo sapiens

<400> 857

ggagggcagg	agagtgacca	agcagctaga	agagaggggtg	cagcacccca	aggagaggac	60
tgggggagtg	ggtgttccag	gaagggtctt	ggcatgtaaa	gctgcacaga	agtcaaatca	120
gataaagcct	gagagggatc	catgggattt	cttggaagag	ggattgttgg	tgataccagg	180
aagagcagct	tcagtggctc	atggggagag	aagccagatt	acaggagatc	agcaactgag	240
agagtgagtg	gagagcatct	tttaagaatg	tcttgagtgc	gggccgggctg	cggtgggtca	300

<210> 858  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 858							
ggagtg	gggga	gagggcccac	acatattgga	aatgcagtgt	ctgtctcctc	ccttgaactt	60
ctggaaggat	caaatctgat	acacacaggc	aggtgtgttc	aaagtgtcct	gggggtgctg		120
atggaagaaa	gtgggagtg	ctgccatggg	ctgggtcagt	taacaccccg	ggtcggcagg		180
ctgatgggtc	aggagagact	gagtcctac	ctccctttgg	agggatcaga	aaaatcagag		240
aaggggagct	gaaggctcca	cagcaggggg	ctgtggactc	aggctgaagg	acctctgagt		300

<210> 859  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 859						
cacttgtcag	gggagagggg	acagcaaggt	gggaggttga	agagctttga	ggctcagcag	60
catgtttgtg	gcattcggtg	gacaccatgg	ccttgggcgg	ctggacaggt	ttttgtgatg	120
tgagggacac	gcatggggca	catggtaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggtttttagga	ccccacccc	catgcctgta	ccagggctgg	cctccagagc	gggtgaggac	240
agagcagctg	tgggcttttc	attctgaggt	cttggccccc	ctggccaccg	caagggactc	300

<210> 860  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 860						
tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggtagca	agaacgtctt	cagcaccttc	cgaacccctg	cagtgtgtgt	120
cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagccag	ttgttcaact	gtatggttgg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctggtc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300

<210> 861  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 861						
ctcggacctt	atcagcagca	tcacgcagga	ctaccacctg	gatgagcagg	atgctgaggg	60
ccgcttggtg	cgcgcatca	ttcgattag	taccgaaag	agccgtgctc	gcccacagac	120
ctcggagggt	cgttcaactc	gggctgctgc	cccaaccgct	gctgcccctg	acagtggcca	180
tgagaccatg	gtgggctcag	gtctcagcca	ggatgagctg	acagtgcaga	tctcccagga	240
gacgactgca	gatgccatcg	cccgaagct	gaggccttat	ggagctccag	ggtaccacgc	300

<210> 862  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 862						
ataacctcgg	ctgtttacag	tgaggcccgg	agcgtcttgg	ctgccgccct	gctccacgca	60
gtctgtttca	gtgcagtga	ggaaccgtgg	agcatgcaac	acatcccggc	actgttttcg	120
gccttctgtg	gcctcttggg	cgccctttct	taccatctga	gccgtcagag	cagtgacca	180

tctgtactca	tgtccttcat	gctgcagg	ctgtttccta	aatttttaca	ttgaatctg	240
gcagagtcag	ctgctgaccc	ttcccaag	aagatgaaag	attcagtgac	gggtgtctta	300

<210> 863  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 863						
ctccaacctg	caggtgcctc	ctccagagcc	agctctgata	ctcattttta	aaaccatccc	60
agccaaccaa	ccgtaggaga	acctcgaagg	catcttggag	gtccctgtct	ctgccaggca	120
ctccctccct	gtcttctcag	caccctgctg	gcatcacaag	gaaatgtggg	ccaaagaccc	180
tcattcccaca	ctaagaatgg	tccaacagaa	accagcctgg	tcccagggtg	ggctcaggct	240
caggccacgt	gccaccaagt	catctatgtg	aatatagtga	taaaaatgcc	caacgttgac	300

<210> 864  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 864						
ataacgcccc	tggtgcccc	tccctatagg	agctggtgag	attgcagcct	gctgcctccc	60
ctccatcagc	cacagctatt	ggatttccca	cccagaatct	ttaggtaa	gagatcatga	120
ttctggaagg	aggtgggtgta	atgaatctca	accccgga	caacctcctt	caccagccgc	180
cagcctggac	agacagctac	tccacgtgca	atgtttccag	tgggtttttt	ggaggccagt	240
ggcatgaaat	tcctcctcag	tactggacca	agtaccaggt	gtgggagtgg	ctccagcacc	300

<210> 865  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 865						
actccatctc	aaaaaaaaag	aaagaaaatg	aaaaatgggt	gagaaagtta	agtaacgtcc	60
tgaggctgga	ggggccccgc	tctcctcac	cttggggaga	aggacagcgt	gaggctagcc	120
tgccctacac	tggttgcccc	cttccccctg	cctgaagtgg	cagcacctgc	aggctaaacc	180
agcacatgca	tgagggctgc	tgggccccgg	ctttggggag	agccgatgct	cctaaaaccc	240
tgctctgggt	ggactcttgg	gatgcagttt	gggtctgtgt	ctggggctgg	cagacaagcc	300

<210> 866  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 866						
ctatggcata	aatgaggaac	aatgccagag	acccatccag	ggcgacggtc	agaatttcca	60
cagacacaat	ggttgatca	aaatattacc	ggcatttcct	gcagatcacc	ctgtgcgtgt	120
gcgagctgta	tggtgctggt	atgaccttcc	tcccagagtg	gtccaccaga	agccccaacc	180
tcaacaccag	caactggctg	tactgttggc	tttacctgtt	tttttttaac	ggtgtgtggg	240
ttctgatccc	aggactgcta	ctgtggcagt	catggctaga	actcaagaaa	atgcatcaga	300

<210> 867  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 867

gggacctcga	tcattgacagg	cttcagcc	tgtgcctgac	ccttctcagc	gctccag	60
acatcctgca	acctgggggg	atctccttt	gtaaaacctg	ggctggaagt	ctgcccgtc	120
ggttacagag	gagactgaca	gaggaattcc	agaatgtaag	gatcatcaaa	cctgaagcca	180
gcaggaaaga	gtcatcagaa	gtgtacttct	tggccacaca	gtaccacgga	aggaagggca	240
ctgtgaagca	gtgaggattt	cttgtgccat	tttcataatg	gtcattagct	ccttttaagc	300

<210> 868

<211> 300

<212> DNA

<213> Homo sapiens

<400> 868

cggctctggg	attgggttcc	ggattgctga	gattttcatg	cggcacggct	gccatacggg	60
gattgccagt	aggagcctgc	cgcgagtgt	gacggccgcc	aggaagctgg	ctggggccac	120
cggccggcgc	tgcctccctc	tctctatgga	cgtccgagcg	ccccagctg	tcattggcgc	180
cgtggaccag	gctctgaagg	agtttggcag	aatcgacatt	ctcattaact	gtgcggccgg	240
gaacttctct	tgccccgctg	gcgccttgct	cttcaacgcc	ttcaagaccg	tgatggacat	300

<210> 869

<211> 300

<212> DNA

<213> Homo sapiens

<400> 869

agtgagtggg	cttaccaaaa	atccagtatc	cttgccatcc	ttgccaaatc	ccactaaacc	60
aaacaggcgt	tccttctgtg	cccagtccta	gtattcaaag	gaaccctact	gccagtgtctg	120
caccattggg	aacaacactt	gctgtgcagg	ctgttccaac	agcacactct	attgtacaag	180
ccacaaggac	ttctttaccc	acagagggcc	catcaggact	ctatagtcca	tcaactaatc	240
gaggtcctat	acagatgaaa	attccaattt	ctgcatttag	tacttcgtct	gctgcagaac	300

<210> 870

<211> 300

<212> DNA

<213> Homo sapiens

<400> 870

gccaggaggg	cctccagggg	ttccttgtgg	aggctcacc	agacaatgcc	tgcagcccca	60
ttgccccacc	acccccagcc	ccgggtcaatg	ggtcagtctt	tattgcgctg	cttcgaagac	120
ctgccccatt	tgcaagcagc	ctgttcatcg	gggtcctggg	gacgaagacc	aagaggaaga	180
aactcaaggg	caagaggagg	gtgatgaagg	ggagccaagg	gaccaccctg	cctcagaaag	240
gacccactt	ttgggttcta	gccccactct	tcccacctcc	tttggttctt	tagccccaac	300

<210> 871

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 871

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gcagccggcg	gcgccaggat	aagctgtggg	tctgtgtgct	gancccccanc	canaagctnn	120
tncagtnccg	anacntggag	gagggcncca	gcccttctac	cctgnagagt	ttntccnagc	180
ancttnnctg	tggccgactt	gaggnntcct	tntgncnngn	ttangattgc	tnccatnttn	240

gggagnatgn cttttnttag c ttnngg tncctttntna tttnnncttt t

292

<210> 872

<211> 300

<212> DNA

<213> Homo sapiens

<400> 872

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accttagata	cttttggtta	gatcaatttc	ttggagaaca	atggaggagg	ccagttttctt	120
ttccctgctg	aacacatcag	ttctaaggga	tggcacgctg	agcttgagac	caacctgacg	180
ggtaccttct	acatgtgcaa	agcagtttac	agtccttgga	tgaaagagca	tggaggatct	240
atcgtcaata	tcattgtccc	tactaaagct	ggatttccat	tagctgtgca	ttctggagct	300

<210> 873

<211> 300

<212> DNA

<213> Homo sapiens

<400> 873

cccaagtcag	tgtgtggttg	cccgaacctt	aggcaaacag	caaactgtca	tggccattgc	60
tacaaagatt	gccctacaga	tgaactgcaa	gatgggagga	gagctctgga	gggtggacat	120
ccccctgaag	ctcgtgatga	tcgttggcat	cgattgttac	catgacatga	cagctgggcg	180
gaggtcaatc	gcaggatttg	ttgccagcat	caatgaagg	atgaccgct	ggttctcacg	240
ctgcatattt	caggatagag	gacaggagct	ggtagatggg	ctcagagctg	cctgcaagcc	300

<210> 874

<211> 300

<212> DNA

<213> Homo sapiens

<400> 874

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aagatatgca	cttatttggc	cattacccag	cacatgacga	cttctatctc	gtagtgtgca	120
gtgcctgtaa	ccaggctcgtc	aagccacagg	ttttccagtc	gcactgctgg	agaaagcaag	180
acaacaggag	aaatgaaggc	atctccagga	gtggaccaga	gagcagccaa	gccatagaga	240
agcatcaggt	gtgagaatgg	aaaacgcaga	agagacgtac	aacttctgaa	agatctcaga	300

<210> 875

<211> 300

<212> DNA

<213> Homo sapiens

<400> 875

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agagctgggt	agtcaggcat	tccagatagt	ggttcttttc	agaacctttt	taaaaggggt	120
ggttaactac	ctcagtagca	gaggattgaa	ctataccctg	tctgtactgt	acatagaaaa	180
tctttgtaga	taaaagcaag	gcttggttaa	tatgatatga	gggtaagatt	ttaatatacc	240
aaatgtaaca	ttcttagttg	ccttttagttt	cagaggcttg	taagacttcc	tcatgacctat	300

<210> 876

<211> 300

<212> DNA

<213> Homo sapiens

<400> 876

cttagttcca	caaataatta	ttgatttgtt	taagcgtgat	gtatgtgctt	gctcaaggaa	60
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ttagaagatg	agtatgacaa	aattcc	ctcagggagt	tgagtgtttc	aattgatga	120
agtaaaagaa	gatttttaaaa	ctcaagtag	agtgtaaagaa	gtatcacgag	aaatcatcaac	180
aaagggctga	ggatagaagg	tgataagtct	caagtatctc	aagatattca	gcagtgaatc	240
ttaacataaa	tttgctttta	ggggaagaat	ttcaagcata	ttgataggtc	ttaaattttc	300

<210> 877

<211> 300

<212> DNA

<213> Homo sapiens

<400> 877

gcttcccgtc	tctgtccccc	ttggttcctt	aatgtggctg	agcatagcca	agtactcagc	60
tctgtctcgg	gatactcagg	aattccatca	gcctcgtggg	gttccttttt	ccctgctcct	120
ggaggcaaat	tatatgcagc	aaaacgtaga	actagtcttg	tggattttct	ttgggtggagg	180
agcatacacc	aatggttcca	tgtaaaggct	ccagaatcag	aactggcgtc	acaccttggt	240
gtcacccctt	cctgctgagc	ctgtctcccc	aggagtgaag	tgagggtaat	attcctccta	300

<210> 878

<211> 300

<212> DNA

<213> Homo sapiens

<400> 878

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ttggctgaga	aatacgtgta	atttctaagt	gtgattattg	caagtaaaaa	tgagtgatgt	120
ttcaacaaga	gggttattgt	aattcagggg	atagcaacaa	ttttaatgta	agcgagaaga	180
tgtttgtaac	acttccaaaa	aaatagtact	gtatcagtc	agtgtccact	ttcctccaaa	240
ccttcgtgcc	cacgcacaca	cacataaata	catgcaggat	tcctgagcag	ggaaggatcc	300

<210> 879

<211> 300

<212> DNA

<213> Homo sapiens

<400> 879

cctagtgggc	catcagactt	tcagcaactt	ttatcatcca	gatagtcacc	aaatgaaata	60
aaatagaaaa	atcccttgag	caatgaaaac	attgtgaatg	aacacaaagt	ccatgaattt	120
aatccttatc	cgtttgctga	gccaaagcat	tgcactcgca	gtgggtggcc	caggctggca	180
gcacagatac	caccatttcc	cttttctttg	ctcagggcat	ggcctgttta	tctcgttgca	240
ccagatgagg	gttggaaagg	atgatggtgg	tgggtgtttc	agatctactg	acagcaatga	300

<210> 880

<211> 300

<212> DNA

<213> Homo sapiens

<400> 880

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gaagtttaaa	taattagaat	ctattgtcgt	aaactattaa	aactggttct	ggtcacttcc	120
tttgaggtga	gtaatagtga	gagtgtctatt	ctttcttacc	tcctgggagc	ctgaggcacg	180
atgcagagaa	gaacctcaca	tatcatgcat	catcagagga	ctagagtga	ctcaggaaat	240
atttgctctt	gtcacatttt	cttcaccgga	gctagagact	ttttactagg	aaaaactgcg	300

<210> 881

<211> 300

<212> DNA

<213> Homo sapiens



<400> 881  
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gcagatagac tgatctcaaa agcctgtcca tttgctgcag caggaataat ggctcggtct 120  
atctattgga cagctgtgac ttatggagca gtgacagtga tgcagggttg aggtcataaa 180  
gaaggctcgg atgttatgga gagagctgat cctttattcc ttttaattgg acttcctact 240  
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<210> 882  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 882  
tctagactct gtcctcagaa gaggtcctgg gggcttccta tattgagagg aagatcattc 60  
gcacaactct gccaggaaac tgccagatag gagtcaggga tcaggcctag aacgcagact 120  
gcagaaagga gcagatgtaa aagcagaaat ttaaaacttg cttttccctg tcctcagact 180  
cttgagggtg gccattgcg taagaagcag ggagccaaga acattcatac tggcctcctg 240  
cttagcctta actgaaatag gccccacgt aggatgtggg cctatgtgaa ctgggctggt 300

<210> 883  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 883  
ggggccatag cctctattcc tgcccagctg tggatcctca gcttgccatg ttaggtacac 60  
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tcctacctgc tggccctgtg gctgtccctg gtggccagcc cagctgcagc aaaacctaca 180  
aagcctccag ccatggtagg cgtcttggac ctgccccagt cagctggggc ttgggctgct 240  
aggggttttg gcacacgtcc atgtttggcg gaggggtgtgc cttcaaacc tgaagggcct 300

<210> 884  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 884  
gtggctctca ctgaagaaag aaacattctt cctaaaagac ttttttccct cagagttgga 60  
gccacagcg tggtcaggaa agagaagtag ccactgggtg ctccctggcat cctcctgctg 120  
ggcagccct tctcaaagtg tgaggggtcc ccttgtgtac aagcaggaag gctctgagaa 180  
agtcaggttt gctcctacca caggataatt ccgatgaacc tgaaaagcgg gttttggctt 240  
gtgtgcaggg actctggtgg aagaaaggtg gacagcacct ggcctgggca tgacacaagt 300

<210> 885  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 885  
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gtggcactgt gtcttcaggg gtgctgccct cttacagaga gacagatctg gaggccatgg 120  
ccgttttggg gagaaatgcc agaaacagct tcagtttcca cctactgctt catatttata 180  
atcacagtaa tctattttct gttttgctat ttctagagca acaaattgtg tgatgcgaaa 240  
ttagtaccag aggaacaatg actccactta acaaaaaaat agcatgggat ctatgaaaaa 300

<210> 886  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 886

gagaatactt	tatacttctc	agcttcttgt	gtatttgact	gtgacctggt	tataccattt	60
gccactgtga	ggcttagctg	tgcattctgt	aatgggagat	tgctcttaga	gattggcat	120
agttgtccac	ctgcctcgga	aactgcaggt	acaaatgcag	cagcaaagta	tttacattct	180
tacttcaggg	ctgatctcct	atttctatca	gtccttttga	aggcagagaa	tgtaatttg	240
gaacaacctg	catatttatt	caaatttcca	gagagatgaa	actttcagaa	tgctgtgctg	300

<210> 887

<211> 206

<212> DNA

<213> Homo sapiens

<400> 887

caaacctgtg	tcaaattgag	aattactggt	tttctgaaag	ttgcaagaaa	ttaccaatga	60
attagccatg	gatagaaatt	gaaggtagt	gggtgaaagt	tttcagtctt	accagtaaaa	120
acaagtgaga	atgcactgac	gtccagggaa	aaaaaaacag	atgggggcag	ctttcattgt	180
ttccccattt	tacaaaacca	aagcca				206

<210> 888

<211> 300

<212> DNA

<213> Homo sapiens

<400> 888

ttttgaacta	tcaactagat	ctgggaagat	agaacaggca	gcatcagatt	gccttgttta	60
caaagtgtca	tcacgaaaag	tgctcctcta	ggaaggcata	atatgtggcc	tgatggattt	120
gatgagtaga	ttgtaaaagg	gttgggattc	tggcagaaca	agaagagata	actaattagt	180
ggaattaaact	gagaaaagag	ttcattagca	tgttggctat	tagactctaa	taaaaatggg	240
tgtgaaaaga	tgggatttgg	acctagaggc	agtcttagag	ccataatcct	ttttttctcc	300

<210> 889

<211> 300

<212> DNA

<213> Homo sapiens

<400> 889

ggtgaacaaa	aatggcccag	attcttattc	agaaaccaat	tcacatttta	aaaatatata	60
ctgtacacta	ccccatctc	ttcctaatag	ctaaagtgat	ctaccctaaa	acaccaagca	120
gtccttctta	cagtttggtc	cctcctgaca	gttcattgat	tacaatgtga	aagcaccaac	180
ctgagctaaa	atgaaatgag	aagcctgatg	tttcaggcac	caagtacttt	aaaaatgtct	240
actggctgtc	ctgcagcatt	ttacttaatc	atttttttaga	ggagggatga	ggactgggtg	300

<210> 890

<211> 300

<212> DNA

<213> Homo sapiens

<400> 890

caaaggccgt	cacaccaagg	tcaggccagg	agcctaggct	aaaggaaact	tcaccaccgg	60
ggacatcagc	tgctgtggcc	agagaagaga	acatgaaagc	ccacatcccg	tgctgcagc	120
caccctcttt	gctgtcactt	cccagctgaa	gtgaggaggg	actgttcaga	aacatcgaac	180
tgagcaaggt	ctctgtctac	ctcatggaaa	acctgatctg	gaaatgacac	ttggaataaa	240
ataagattac	tcttccatta	aaaggaaatc	caccctaaaag	agagaaatag	tggtatattt	300

<210> 891  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 891  
 cggacctcta gtgcctgatg ttcactttct tcaggctctc aatttcctac atttaagctg 60  
 ttcggttaaa cttttccata ttcagcttga gatcaacctc ctttacataa ctgattatgt 120  
 ttgccttgag gagaaaagat gacgctaaac acagcacaca tgtgtttatt atatgttggt 180  
 aatgtggaat tcaaagatga aagagacgtg agctgcatca ctaaaaaaga aacatattac 240  
 ataaatgcaa tgctgatatc atagataata aaattaacac taattttttg atattatcaa 300

<210> 892  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 892  
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 acgttatgac agattctttg aatgcgctaa tctcagactg gactaaagtt gggattaaat 120  
 ttaatttgta cttgagttca gtgcattgct gttctgggca taggaaatcc aggttgctgg 180  
 tgatgaacag ctgaaaagag ctgtgtcacc atgggtgtct ctgtcagtca tgtgaccacc 240  
 cttacccttg taaaatcaag caagggagag attattttct aatgtaaatg aaaataaaaa 300

<210> 893  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 893  
 gaagttgaaa tcctagttcc tggagtcctc tgtgatggca aattctgcct tccttgtttc 60  
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 gacaggtatg tctcaaatec atggaactca caaaaaaggc tcattttcta tcctcaagga 180  
 gctttacatc taatggaaaa cacacagtga agtccagaag gactcactgt ggactggtag 240  
 caccatgagg gctttccatg aagaaggact taagccagac ttagcagggt gggcagggtg 300

<210> 894  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 894  
 atttgctta atcttgggtt actagtaatg ctatctgcgc tgtgctgcta aagcctccag 60  
 aaagattgct caggcatggc ctaatagctt ttatcagttc actcagtggc tcttacactt 120  
 tgatacctga aacctagagt taactgtgta ggaccaagct cttctgaagg agtcaactgc 180  
 tctcctctgt caataatggc tgtttatgcc aaaacagcca agagaacctc cccacccctt 240  
 tccctctgtc aaagtgaat ggaacctaa aatggaagct agtggctatt ttgccatacc 300

<210> 895  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 895  
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 gtaccagcgc cgttctctcc ggggtcggga ctggggctg ctccctcttc tgcagcccag 120  
 ctccccagc tccctgtctc ctgctacgcc gatcccttta ccccttgac ccttcacca 180

gctcactgct gccctgggtgc aattcag ggaagcactg gggtgccata tttacaggc	240
aaccaagaga acgcggtcag aaggaggtgg aactggggag tcctctcagg gaggacaag	300

<210> 896  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 896	
gtgatagaga tcatgccgct tgggttgctg agttctcccc ctcgttgtaa ttcagcaggc	60
ttcccagtgt tccctgcac ctcactctgtg aggccgactt cactatcatt cccacttata	120
gggtggaggag actgaggcac agagctccca aagccccaca gctggcgagt ggcagggcta	180
gcgtgcgatg tccactagac tgggtgtctga cgcagaagct gcgcttctca cccctgggat	240
ctggaagata attctgatgt gtgagatcca ggagaatgca ttgttttagcc agaaaatgtt	300

<210> 897  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 897	
tgtacatggt ccagtgggat gggaagcagc agagaccaac agagtctgaa gaagcaagct	60
tctgagttat gaaagcctgg gttcaggaga ctaacctata tgtaggttcc taggaaagtc	120
cagttaaagg gcctactttg ccaactgctgc ctccctctta atgctgaacc tcatctccca	180
caagggggca gtctcagcag gtgtcagctg agccatgtgt catctgtcca ggctaactgc	240
ccacacatcc ttctgcaaag ggtacctctt gggtatcagt gctcactgat ccctatataa	300

<210> 898  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 898	
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atttagattc attcctctgt ttgttgaggt cattgaagcc agtatatcct ggacattttt	120
taaagaggtc cccattctga gaaaagacag gagttgaatg tcttattgat tcttaccttt	180
ctgttcgtta tagacgacca gaggaaacaa atgcccagca cggattcgac tcagtcataa	240
gtgtgaacca aataggccga tctgggttct ctactgact gaagaggaag agaaaataaga	300

<210> 899  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 899	
aattaagntt tttgggttna ntgccctncn ntnaantttt taaagcagnt ttganttttg	60
nctggnttna aantgngtnt taangnangt gangagnncn taaaattttt anccntgngg	120
nncccccccc tttttttttt gcattgtatg tcaaaagcgc ttgttctttc gtgcatgtgt	180
aagatttaat ggttccattg tattatttga ccatgacatt ttggagaaac attcccagct	240
gtaatgttgt gtatggtagt tctcactgga tgctagagtt ttcaaaacca ctattct	297

<210> 900

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 900  
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 aaataaaaata taaataaaat atgaaataaa ataaaagcca tggggaaaaag gtagggtttg 120  
 attgctaata agaaatttct tggaaaagag actagctctc ttttggtttt ccaaagtcca 180  
 cattttataa catttttagt gcttggtggt tgcttggtgt attacattag ataaaaatgt 240  
 atcacagtgt tggttttatac tggatgttta aataggattc attgaaaggg gtgtgttttc 300

<210> 901  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 901  
 ctggaagggtt actgcaaaga cagcctggtg aaattggttg gagtacagag gctttaatgg 60  
 gttcttttgag gtcaggtaga gggttatggg ggagcactac agtgagcata taccctaaaat 120  
 gaagccagac ttccaaggta cgttctcact ggagagggag cttaatggta aagtttaaac 180  
 tttaagggtt taggttttag attaaggccc aggagatcca aggggaagga ggagggttag 240  
 aaatcagaga taagaggagc tggtgtcatc gcaggatatag taataattaa gatatgttaa 300

<210> 902  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 902  
 attatgaaca gatatggagg ccagagctca tttgggtaaa cttactcctg ctgagtttagc 60  
 aggttggtga gagaagctcc cctgagctca cctgtctctc tgactgcctt ggagtaggtg 120  
 gcataacctt gtgcacagag aactagaaaa ggggcagaac cccggccttg cagttgtggc 180  
 aggtttccac tgtggttaagc taggttcatt cctcatcaag gaatgtgtag cagattgttc 240  
 actgtggagg agttaattat agaatgggtt attgttgnta ttcttactca tgaagttaca 300

<210> 903  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 903  
 caaagcttga tctattaata tattgatcag agttccatga tccttttcta aaatgggtggc 60  
 tttattttgc cagaataatt ctgcagggtg ttttttttgg gacggagtct cactctgttg 120  
 cccaggatag aatgcagagt ggcacaatct tggctcactg cagctcttgc ctcccagttt 180  
 caggagaatt gtgtgaacct ggaaggcgga ggttgacgtg agccgagatc aatcaccact 240  
 gcactccagc ctgagcaaca gggcaagact ccatctcaaa aaaatttttt tttggattta 300

<210> 904  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 904

tttctctttc	ctttctgcac	aaatagttc	taaagccacc	aggcagggca	gaggaaggta	60
aggctttcca	tgggtgcttag	gagcaggggt	ggggttgtta	tcataaccta	agcaaagtta	120
caagggtaat	ccatatgggg	tagcctgggt	tagagagtca	gggcccagc	aacattaagg	180
acatccctgc	aggatggcag	ccaggcttgg	gggtacaaga	ccctaaacag	gatgatgaga	240
gcctcccca	ggagaggtcc	caggtataga	gtgtcagagc	ctgagcagat	gaggaaggca	300

<210> 905

<211> 300

<212> DNA

<213> Homo sapiens

<400> 905

tttgaactcc	cttagcaagc	tacttgtctt	tttgcaggat	cccatcggat	tgctgtctcc	60
tttttcagat	attactggat	catcagctgt	aaaggctcta	tgtttaatta	tgtctagcat	120
ttgaatggta	acagcgcaga	tgttacctgc	ctataatcct	cctcctctct	acagattttg	180
ctttgttctt	gcttcttgtt	tttgagatcc	tgcacacaag	ttgaaattaa	ttaaaaacag	240
tagagcaact	tagtctggat	aagccttcat	ctggcaaata	atgttacact	gccagagatt	300

<210> 906

<211> 300

<212> DNA

<213> Homo sapiens

<400> 906

ccaagatgcc	aatttccatg	aagtcttgat	ttatatatat	gtacacatgt	tatgcacata	60
catgtttgtt	ttctaacagt	tattttttta	gcttttgaga	taattttaga	cttacagaag	120
agttgtaaaa	gtagtagagt	tcttgataac	tctgcaccca	ccttgccctt	atgttaacat	180
cttacgtaac	aatagaacat	ttgtcaaaat	taagaaatta	accttgatat	aataactaact	240
aaagtagaaa	gttttaaaaag	tagagatttt	agtcttttca	ctaatgtcct	tttactgttc	300

<210> 907

<211> 300

<212> DNA

<213> Homo sapiens

<400> 907

ggctattaaa	aatgtaatca	gtgtgaaaat	tcatgccatc	tgaatcgta	gagtatgtaa	60
gggatttgag	ttccttacag	aattttctgt	aatttagtac	ttcaagtga	ttataaatgt	120
atatacttct	ctctcacaaa	agtgttagga	gaaggaaaat	cttaaatact	agcttgattt	180
cttaatttaa	taacaaaaaa	caattctcat	aacatgtatc	acctaacatg	tcactttcac	240
tttaaaagtc	taaagagttg	aggtttattt	cttttctttt	aaagttgatg	tttatgttgg	300

<210> 908

<211> 300

<212> DNA

<213> Homo sapiens

<400> 908

tcaccatggt	gcccaggcta	gtcttgaact	cctgggctcg	aatgatactc	ccaccttggc	60
ctcccaaagt	gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	120
catgagtcac	gcaatgttct	ggctctggat	tccaggagta	gaggacctag	ctttaaatca	180
attagtttca	gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	240
caaaactaga	gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	300

<210> 909

<211> 147

<212> DNA  
<213> Homo sapiens

<400> 909  
gtcttctctgt gcagggtgct ttggtagcca tcagagagga accaagggca acatcttttc 60  
ttcccaggcg ttcttctctg ggtgctttat tctcttcttt ttctttatct cgccccacc 120  
cccatccct gccttttttt ttttttt 147

<210> 910  
<211> 274  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(274)  
<223> n = A,T,C or G

<400> 910  
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aacattcact tacatgcaca gaggtgccaa gggacagcct aatttaagat tcatataaac 120  
acatttatct ggcaacataa gttaatattg tggtaggagt cccaccaagt taaaattcta 180  
aagtgtttga atatgggcat ttttaagaa agaactctgca taccataaat tcacgctttt 240  
aagtgtatga ntcannngna anantggatn nnca 274

<210> 911  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 911  
aacagataga gacttgggtct taaaaaaaaa ggaaaagaaa aggaaacaaa aaattatctg 60  
ggcctaaagg tgtgtgcttg tgctcccagc tacttgggag gctgaggtgg gaggatggct 120  
tgagccctgg aggttgaggc tgcagtgagc catgattgtg cactgctgct ccagcctggg 180  
tgagagagca agactctgtc ttttaataata ataataataa taataaagtg gtcaggaagg 240  
gacccccagg gaggagcata aacctctcca gtggctgtga tttgtcagta aggacatggg 300

<210> 912  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 912  
gcaactcctc tccaatgagc tactcctgac acaaattggag aagtgtgccc tcatggaagc 60  
cctggttctc attagcaacc aatttaagaa ctacgagcgt cagaagggtg tcctagagga 120  
gctgatggca ccagtggcca gcatctggct ttctcaagac atgcacagag tgctgtcaga 180  
tgttgatgct ttcattgcgt atgtgggtac agatcagaag agctgtgacc caggcctgga 240  
ggatccgtgt ggcttaaacc gtgcacgaat gagcttttgt gtatacagca ttctgggtgt 300

<210> 913  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 913  
cagaatccct ttttcttttt tttgttaaaa gtactcatcc ctaatattac attgttctgg 60  
aaggactgaa aataacagaa ctcagcacca tgatcggaacc gggacaatca gattatttca 120

ttcctcagca aacggagatc g	gaaaa gtggaaatat gagctcttct t	ggttg	180
catatggacc ctgagagaaa ga	tttaat tttttctctt ggactgcaat aa	ctatagc	240
tgccataaat acgtttcctg acacttgag	gtttgtccac aatcgggaaa taaaggcaag		300

<210> 914  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 914		
cctaaacaga atcccttttt cctttttttg	ttaaaagtac tcatccctaa tattacattg	60
ttctggaagg actgaaaata acagaactca	gcacccatgat cggaccggga caatcagatt	120
atctcattcc tcagcaaacg gagatcgatc	cgaaaagtgg aaatatgagc tcttcttttg	180
tggtggcata tggaccctga gagaaagnac	tttaattttt tctcttgagc tgcaataaag	240
tatagctgcc taaaatacgt ttcttgacac	ttggagggtt gtccacaatc gggaaataaa	300

<210> 915  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 915		
ggcaaatagc cctaggagtc ccattttttt	aagctgaggg aaataatttt caagaagctt	60
gtcttactag tagcatcatt cttttttact	ggctcacagc ttggaagggg tgatggtttt	120
tcctatgaaa gctaacaaca tttgagcaga	tccagtgtgc tggtagtca cagtgaaggt	180
gtggagtgtc aaggaagcct cctggtggaa	atgtaagttc agagaaggtc tgcagaaaat	240
acagggtgaa atgttatcaa ggagccaggg	tattatttaa gaagaggagg gaggggaaaa	300

<210> 916  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 916		
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actatcttct gcacagcata acttcagtct	ccctttacta attcaaggaa atctcagtga	120
acaaattgta taagggtaga tgagctaaaa	gctcactgag tcattaattt gtcataactc	180
atctaaatac aatgattagg cttgtgtagg	tgtccctagt ttctctttct aaatcatgtc	240
ttagtaggga cagagcaata atggtggatc	gtggcaacgg gaaggaagat gatgtgtcag	300

<210> 917  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 917		
tggtgtgca ttctaagctt aacctcctgg	tctcatggca gtgacttgag cttttgatcc	60
atagaagaaa gccagaggtt ctgcttggtc	ttgtctgcca gccctcgctg ttctttctcc	120
tctgcctctc acctctaccc caaatacctc	tggtcttagt ctcaagggga gaataacatc	180
agggagcccc tcatcttccc cagaaggact	tctcgttcct catgtagtta actccattga	240
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<210> 918  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 918  
 caggaacgca acaaactcaa gtcgcagctc ctggtggtgc aggaagagct gcagtgtctac 60  
 aagagtggcc tgattccacc aagagaaggc ccaggaggaa gaagagaaaa agatgctgtg 120  
 gttactagtgc ccaaaaatgc tggcaggaac aaggaggaga agacaatcat aaaaaagctg 180  
 ttcttttttc gatcggggaa acagacctag atccaaggcc acaagtaagg ctatggctct 240  
 gattctagaa gacaaccttc caagatgcct ggcaaaacca cctccctgtg ccacacagac 300

<210> 919  
 <211> 136  
 <212> DNA  
 <213> Homo sapiens

<400> 919  
 gtaagggagg gggtagggct gggttattaa gatacaggct gctgtatttt acattgggtg 60  
 tgggggaagg ggagcctgga gaaaacaaag tcactattcc cttttttgaa acaggaaaaa 120  
 aaatattttt tgttca 136

<210> 920  
 <211> 135  
 <212> DNA  
 <213> Homo sapiens

<400> 920  
 cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata caccgcatag 60  
 tccatttcat ttcagctcct gatggcatct gaccgccgtg gacacttccc agtgggtctgg 120  
 cttttggagg gagag 135

<210> 921  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 921  
 aagcagaaat gtgggtggtg tgactggggt ttggtgaggg gctgctgtgg ctggaatgga 60  
 gggctgccac aataatggaa atggtaaagtg aggcaagtaa gggttgactg gtggcatagc 120  
 gtcaaggttg ccagctttat taaatcactc ttccaatatg ctagcactgg cctgttgagg 180  
 aaagtaatac atcatgtaat cgaacaaaag acagaggcaa gctccaggaa tgggcactgt 240  
 aaacaggact tgtcccagag tagccagatg taggctttag gtaagttgat gcaagctgag 300

<210> 922  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 922  
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 gggtagacca ccgcgctggg cctggatcaa atctttatcc atgcacattg gaacacagga 120

ttactggggtt gaaatcattc tttgtc atttagatac ttgtacgatg aattttt	180
agcacaaggg ataaataact cgtangnca tctntanntt gtntnntttn gttttgn	240
ntanaccacn ttcangntcn angnaactt tncctnggat	280

<210> 923  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 923	
ggaaagggga cagagcagag ccagttgttc cacacttttg gaagcaggag tagcttttat	60
catcttcctc tggggagcag gcatagagac ataaactgag tgaaaatggg tggaggaaga	120
acttctatac ccacgaacaa catgtgaaga gagagaacca aacataaagt aaggagggtg	180
agttttattg tatgttgctt gctgacaact gttttggggg cgcttcagt atatacattc	240
atagaaagac tttgttttat ggcagattag tttacaaaga gtattctgca agtgggatta	300

<210> 924  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 924	
ctcaaaacca aatctcaact cagctacaga atctactgtg gtccttgtct gaaaaaatta	60
gttcaactcg ttggaatctt gtctcagagc atcctcatct ctttctcaa agcccctacc	120
ccaacaccgg cgtgttggtt gtctattgaa acttacaagt ggatggacct tttctccga	180
ataaactggc ctttgaaagc tctaatacga atggtttggc aaaatccata ctgcaggaga	240
ttagggagga caagaatgat gtgccttttt gtactgctga gcctgatggt ggtgccacta	300

<210> 925  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 925	
ggaaacagct ggactagaga tacacatttg ggcataatata tatatatata tatacagtat	60
atatatgcac gctgatttta tatatatata tatatatata ataattatgg aagtcagtga	120
gattgtccag ggcaagaata taatgtcata tgagagggga gtccagactc tcaaggaacg	180
cggacattta aggggagagt ataataggat gggccgtcaa agtctaagtc agagcatcct	240
gatgttggag gcaaagcagg agagtgtgga ttaagcagct agacattggt tactggggca	300

<210> 926  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 926	
atttcagcct gggcaacata gtgagactcc cgccctaaa aaaaaaaaaat cccacaatcc	60
tatcacacag agatggcaac acttaccatt tgttctggtc acctttggaa ggaactttta	120
aatcaatgtc ttgcttctct gtgggttctt ttgtgactca cacctgcttc tgggtatagt	180
atgactataa agttgatttc ttgggtaagg tatgatctat gagaggaagc ttctaatttg	240
atgagcatca ggganatttt anctgggtata ccttttnttt gccctctcca atcaa	295

<210> 927  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 927  
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 gatggaggca ttattaccaa ggcattgatag aagccatggg atctgataag tggtgagaac 120  
 tggaaagaga gggacaactc tgaaatttgc ctctgattgc agttaaatga tagcatgcta 180  
 atgacagagg tagcagtagg ttggggagag tgtagtagta tttctgtttt cagtacactg 240  
 ggttttaagc attgacaagc caccaaatgc aaatatcaag caaagagtgg cacatctagg 300

<210> 928  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 928  
 gcgatttatt tcacagagtt aaggggccag tacacttcat ggtataaaat tatctttttc 60  
 aggggatgaa ggcacaagga gaaaattact tgaagcttgg agatcttctc tggcaagcaa 120  
 tttacaaatt ctggtgttct ttgatctggc tccccgccca gacaaccagg gagttcttca 180  
 tgttctagcc tcatgtgttg cactataggc agtaatttgg catcagccat agaggagggg 240  
 tccgatagtt gtcattgctg cccgccacat atactccaca tggaatgata ctcataatgc 300

<210> 929  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 929  
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 caagtgtttg tatttttctg agttaatatt tttgggtgta atttacatgt aggaaaatgt 120  
 acacattttt agtgtacagt tcaccaagct ttggcaagca tgtatagcct ggtaaccac 180  
 aagccaatgg agacctagaa cattcccgtg accccagatg ctgggttctg tgtgccttcc 240  
 cagggcttgt ggctgggcac atcaggcatg gcgggtacca tgcctgacag ctctgaacca 300

<210> 930  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 930  
 gaatgggtag gaacaagcat tagcctgggc tgggttcctc cagctcttag gacaagttgg 60  
 aacagatttg ctgttctgat gattcatctt tctgatcaca gggatagcag aactcagctt 120  
 tgaagaaagg catctgcaga gatcatggca gttccatttt gcgttctgag tttgtctcct 180  
 taggtaaggg aactagaatg cagatacagt tagaatcagt ctctctctct ctgtttgtct 240  
 gtctgtctgt cactctctct ctcttattg cactgagggc cgggcgcggt ggttcacacc 300

<210> 931  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 931  
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 acagctttct ggatcagttt ttgcctttaa gatgcattct gactcatcaa acccagaaag 120  
 tgtagagcaa atattcctat tcccatgtcc ttggcagaca ttgctaactc atctcagggc 180

tccaacagag ttgggtctca g	accag cctggcagcc actagacttg a	tgaga	240
tgaaacctct tgaccacaca gg	ctccat gatcttgaag ctcccttctg g	ataaac	300

<210> 932  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 932		
ccaacatggt ggtctcaaac tccccacctc aggtaatcca cctgcctcag cctccaaaag		60
ttctgggatt gcaggagtaa gccaccacac ccgtccctcag tgctgggact tctgcagtgg		120
acttccttta aaaatcctgg aatatacact gcagtaaaag aacaaagcat acttcagtcg		180
tttaaggctg aggtatgctt tggtctttta ctgcagtgtg tattccagcc ttaaaccgact		240
gaagaagaat gtcaagtggg gaagtggctt tggttttcag tttgtgggtt ctgaatccac		300

<210> 933  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 933		
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ctcggggggcc agtctgcac ccacctctac ccctcgccga cagccagacc acaacaccag		120
attgtaccca gatagctggg attggaagtg aggaggtttc tcaccccaca gataacccaa		180
gacacaaatg tgcaattaaa agttttatctt agaccacaaa aaaaaaaaaa aaaaaanntg		240
ngccnttnaa anttntgggg ggnc		264

<210> 934  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 934		
gatgtcctgc tatacaccat ccaactgcct gccctttaag cctcacatct ttcattcttc		60
ctagttccaa cccatgggtct ccagacgatg actctgcctc cctgtttctgg tagcattcac		120
agattgcctt gtttagtagc ctttcacatg agatccactt gacagcccct gtcctcacc		180
ctcctcaaac tcctcaccac actgaaactc ttccagctcc atgagtaggt tcttgggtgg		240
tttcttcacc tgcaggttca ggtcaatgct cagccgggga ctgcagaggg atgctttgca		300

<210> 935  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 935		
accaaagctg ctggagcctg aggcagagaa ccagaggccg gaggcagact gcctctttac		60
agccaggaat ctgagaggat ttgaaaaagg tgaaggacag gatgggcatt gacagtagtg		120
ataaagtgga cttcttcac ctcctggaca acgtggctgc cgagcaggca cacaacctcc		180
caagctgccc catgctgaag agatttgac ggatgatcga acagagagct gtggacacat		240
ccttgtagat actgcccgaag gaagacaggg aaagtcttca gatggcaagt aggccattc		300

<210> 936

<211> 300

<212> DNA

<213> Homo sapiens

<400> 936

gagccatggc	agaaaaatcag	tgatgtcatt	gaggactctg	tagttgaaga	ttataattca	60
gtggataaaa	ctaccacagt	ttctgtgagc	cagcagccag	tctcggtcc	agtgcccatc	120
gctgcccattg	cttctgttgc	tgggcacctc	tctacatcca	ccaccgttag	tagcagcggg	180
gcacagaaca	gcgacagtac	aaagaagact	cttgtcacac	taattgccaa	caacaatgct	240
ggcaatcctt	tgggtccagca	aggtggacag	ccactcatcc	tgacccagaa	tccagcccca	300

<210> 937

<211> 300

<212> DNA

<213> Homo sapiens

<400> 937

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tcaggactcc	aagaggctgt	gtggagccac	cactcctagc	cacagctgcc	atgataagtc	120
cttccatgaa	ggactgagga	gggagagtgg	gggtccaggg	ctgggtgctgc	tcttccctca	180
gctctgccgg	ggctctaagg	tccctctatt	tattttctcaa	ccctgggtgg	cctctcacca	240
ggagtttagg	ctgaatgcct	tccacgtgat	ggaggaaaag	gccaactctg	tcttgggtctt	300

<210> 938

<211> 300

<212> DNA

<213> Homo sapiens

<400> 938

caaagtactg	ggattacagg	catgagtcac	tgagcccagc	ctaataaaga	actttctgac	60
agtgaaaatg	gtctgtgcat	gggtgtgggtg	gggtgagggg	gaggccgggc	gtggatggag	120
cagcagggag	gttgtagaca	atgtccagac	atcagagaga	gggctgggct	ctgatcctgt	180
gccaccctga	aaggctttga	tcctatgggt	tgggtcagaaa	cagagcctgt	aaaacccatg	240
tatgcagctg	ttgctaaggg	caaccacaag	atgctcaaag	gaccttaaag	atgtagatgc	300

<210> 939

<211> 300

<212> DNA

<213> Homo sapiens

<400> 939

wcgtgtgtgt	gcacaaagcc	cctaaggttt	catgtgtaca	caccgggtgct	aagtgttttt	60
tacacccttg	agcatctctc	ggcctggggc	tcctgtgcag	gttgccctga	gagttgggtt	120
tttagttcaa	aaagaaggaa	cacagatgac	tactctgctg	gcgacacggc	cactctgctg	180
gcacgcacat	agcatggcgc	ctcctttttt	gggggactct	ccttgggtggc	atctctggca	240
ggctgagtcc	tctccagctg	cagttctgga	ccctgtctgg	gttggggagg	ggcatttggt	300

<210> 940

<211> 300

<212> DNA

<213> Homo sapiens

<400> 940

gctacaccca	gttctcccag	ttcaacaagg	acgactcgct	actgctggcc	tcggggggtgt	60
tcttggggcc	cgcacaactc	ctcatccggc	gagattgctg	tcatcagcct	agactccttc	120
gcgctgctgt	cccgcgtgcg	gaacaagccc	tatgacgtgt	ttggctgttg	gctcaccgag	180
accagcctca	tctcggggaa	cctgcaccgc	atcgagata	tcacctctg	ctcggtgctg	240

tggtcaaca atgccttcca g      tggag tcagagaacg tcaacgtggt g      ggctg      300

<210> 941

<211> 300

<212> DNA

<213> Homo sapiens

<400> 941

ggcttccagg	aaaccaggca	agggtatgcc	cagggctttg	cctcctgggt	ttgtttcacc	60
tgtccactc	tactgtgaga	tagagcttcc	agagttgttc	acagggttga	gatttttcgc	120
tctgaatttg	agaggcaacc	gtatctggcc	ttctaaggag	gcagggagct	acctgggagg	180
caacactgac	aggtcatttt	gcttcagtgt	caagcatttt	tttcctctcc	ttttgttggt	240
gcagctcagt	gttgacaggg	ctccacacgt	cttctttgag	tagtgggagt	atgtgcccaa	300

<210> 942

<211> 300

<212> DNA

<213> Homo sapiens

<400> 942

cctcgggggg	aggccagccc	ctggctcact	ggctcagggc	aggtgggctc	tcggggaagg	60
tgtcgggggc	cccctaggag	ggagcgctgg	ggacattgcc	atgggacgga	agtctgcttg	120
gcagtggctt	tgataagcga	tgcttggggg	tcagaccacc	ccctagagga	gccacgtgcc	180
gcccagccac	cttcaatgcc	tgccaccctg	cccagggatg	tacagagccg	tgcccacaca	240
tttccttgca	acttgatcaa	atttcttaaa	gcaaacaaca	aaaatgtaca	tttctgtttt	300

<210> 943

<211> 300

<212> DNA

<213> Homo sapiens

<400> 943

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gtgagtgaac	tccgaccgtg	gcaggtgagg	cttctgcact	tagctggctg	tcttcatgtg	120
ggccgattct	gtggtttagt	attctgattt	ctcatctgaa	aagtgggtgca	tcacttagcc	180
cctccacac	ttggagggtt	ctactagtgt	gcctgcgtgg	ctgggttctg	cacactcagc	240
tacttttagt	tcttttagtct	atccttaaaa	agattcctag	gtgtgttctc	gattttgagg	300

<210> 944

<211> 300

<212> DNA

<213> Homo sapiens

<400> 944

cccagcagag	cagcctcatc	agagaggaca	agagcaacgc	caagctgtgg	aatgaggtcc	60
tggcgtcact	caaggaccgg	ccggcgagcg	gcagcccgtt	ccagttgttc	ctgagtaaag	120
tggaggagac	gttccagtgt	atctgctgtc	aggagctggg	gttccggccc	atcacgaccg	180
tgtgccagca	caacgtgtgc	aaggactgcc	tggacagatc	ctttcgggca	caggtgttca	240
gctgccctgc	ctgccgctac	gacctgggcc	gcagctatgc	catgcagggt	aaccagcctc	300

<210> 945

<211> 300

<212> DNA

<213> Homo sapiens

<400> 945

gcttctgct	ctttgtattt	tggctaaagg	cggtgaagtg	agaggcggag	ggggatttaa	60
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aaccagcaga	aaaaggcttc	tgggct	gatggtgttt	gtgcgagaag	cggtggg	120
cagggaggag	agcctaggag	aggtaggg	ctcatgggca	ggccgttggt	gagccttg	180
gccctgcctg	tccccagtcc	caccactgtg	gactccaggc	catcctcagt	ccaggtggtc	240
actgtggcct	gggccacatg	ctggcgatga	cggggatggc	cttccacatg	cctgtttctt	300

<210> 946

<211> 300

<212> DNA

<213> Homo sapiens

<400> 946

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tcatgagcct	cctacatgat	gacctgcag	ctgccacttg	ctcctgtatg	cctattcacc	120
accacctacc	tgtgtttgca	agttccatga	ggaagggccc	atgcctcctc	ctgcttatca	180
cagtgtgtcc	aaatcagtgc	ctggttcagg	gcctgtgtgt	atgggacatc	tcctaggcac	240
cacttcacac	cctctcagcc	ctaccttcca	ctccagccac	cacctcagca	accagttctg	300

<210> 947

<211> 300

<212> DNA

<213> Homo sapiens

<400> 947

ctccgcagca	ggccccctgct	gtccccccac	ctgctggctg	agctcctcct	ggcctcgctc	60
cctctcagct	gtagctgcac	cacccccgct	ctggctacca	ggctctcccg	gctggggcact	120
gcgtggcctt	gccccctctc	cgctggcagc	tcctcagggg	aacaggggct	accagaggct	180
gatttctccc	ctctcctggg	ccaggggagg	gggtattatc	ctgcctcctg	cccccgatgc	240
ccaaagcagc	atcttccagc	actttccatc	gaggacttgg	gtggcagagt	gtgggtgcag	300

<210> 948

<211> 300

<212> DNA

<213> Homo sapiens

<400> 948

ggtgagggga	gatggcaaga	acctttccag	ttatgtcagt	ttgaagtgc	tggccaggca	60
ttcctttatc	atcaagtccg	atgtatgatg	gctatcctct	ttctgattgg	ccaaggaatg	120
gagaagccag	agattattga	tgagctgctg	aatatagaga	aaaatcccca	aaagcctcaa	180
tatagtatgg	ctgtagaatt	tcctctagtc	ttatatgact	gtaagtttga	aaatgtcaag	240
tggatctatg	accaggaggc	tcaggagttc	aatattaccc	acctacaaca	actgtgggct	300

<210> 949

<211> 300

<212> DNA

<213> Homo sapiens

<400> 949

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tttattggat	tatttgttta	ttttctctc	tctagactgc	aagctccttg	agcagaccat	120
gtttattttg	tctaccacag	gtgctcaata	aatatttttg	actatttatt	acatgagaag	180
gtttccatgc	aaacacccat	tgaatacgat	tgaacttgaa	ccctaagaga	tgggctgtga	240
cctttgttgc	cctcaaacta	atcaaagggg	agtgatattc	accatccaga	atctagaata	300

<210> 950

<211> 293

<212> DNA

<213> Homo sapiens

<400> 950  
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tgagaccatt tagagaatga ttagggggcca aaggttaagg gtggactgtt aagccaacag 120  
ggactcagag aaagcaaggg tcaggggtgac cagaaataga gaaaaaaaaag ccttacagag 180  
gaagaggacc tggacctgag ccacagagga tgggtagaac ttagaaggag ggaatgagcc 240  
cagtctgaat gatatgtcta caaagtatac aatatgcaat gatgattaac tga 293

<210> 951  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 951  
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ctgtgatcag cttgctgcag gaggcagaaa gttaaactga acttagtcag aacatctctg 120  
cccgggaaca ttttgtatct accgatattg atggccaagt gtatcatctc actgttgaag 180  
gaaactcagt aaaagacagt gctcggattc caccagatgg aagtatgggt agtattacct 240  
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<210> 952  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 952  
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ccttctccac cccaatttcc aacatccctt cctttgtaga gagagcactc tggaagccac 180  
tgagcccat agccctaggg cctagaccac tattccaaaa gggaagactt ttccattact 240  
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<212> DNA  
<213> Homo sapiens

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agcttgatga catggaattc agggaaaaga ctatgatggg gtcacttgta actgcttttg 180  
tgctgtaaaa ttgtcatgga ttaagaagag agttggctgg gtgcggtggc tcacacctgt 240  
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<210> 954  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 954  
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agtccctcc cactttgctt cttgtatgca ttgtgaccga cccacttcc tcagaatgta 180  
acggggccag agggaaactt ctacaaaact tcgtagagcc tcctcagggg aagctaggaa 240  
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<210> 955  
<211> 300



<212> DNA  
<213> Homo sapiens

<400> 955  
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gactgcacag agccgtgtcc cagacacgct gtcagtgcct tcaacacgga gccggtttgt 180  
tcattcggtg ctttgtttca ttaaataata gggaaatata catttaaac aggtatatca 240  
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<210> 956  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 956  
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cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg tttgggcttg 180  
ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc actcttggtc 240  
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<210> 957  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 957  
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gctgcctagc agatgccccaa ctgacccaaa aagcataaga cataaacatt tattgttgta 180  
tacctctga agttttgcat gtgttacacc atattactat agtaatagat aattgatata 240  
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<210> 958  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 958  
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gtgccagact ggcaacttgg ggattgtgtg agtgaggag agattgtgca gagctaatcc 180  
taacattgct gatgagtgga cagaaacat aggcctcatg aatagtatt tctgaagtca 240  
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<210> 959  
<211> 273  
<212> DNA  
<213> Homo sapiens

<220>  
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<222> (1)...(273)  
<223> n = A,T,C or G

<400> 959

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ataaacccct	tcttaagtgc	atgagatggt	ttgatggttt	gctgcattaa	aggtatttgg			180
gcaaacaaaa	ttggagggca	agtgactgca	gttttgagaa	tcagttttga	ccttgatgat			240
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<210> 960  
 <211> 181  
 <212> DNA  
 <213> Homo sapiens

<400> 960								
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gcttcctctc	ttgtgttatg	gaaataaaaa	caaataaaaac	tacaaaaaaa	aaaaaaaaaa			180
a								181

<210> 961  
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 <212> DNA  
 <213> Homo sapiens

<400> 961								
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aaccagggtcc	ctgaggacca	ccacgtggct	gcaacacagc	aggagtccac	agtccagagg			180
agaagcccga	tgctgaacag	agaatcacat	ccgtgagcaa	cacaaaagggt	ctcaatcaaa			240
aacctctgaa	agccactggc	ctagagttag	aggaagagtt	agccatgaga	aatgggtggtg			300

<210> 962  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 962								
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aagcctgaca	aaccctgccg	cagtgggtgtg	gccccatgtg	tccccagggc	ctggggccca			180
cctctgcccc	agaagtccct	ttagtgtctg	tagacagggtc	ccatttccac	caggtcaacc			240
agggtgtgtg	cagtggacct	ggatggcagg	cagagcagag	gaccgctgtt	ctatttgttg			300

<210> 963  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 963								
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aaccagggaac	atttcctaga	atcccccttc	cgttatgatc	ccaagttagg	atatgccagt			120
gagagggtgct	gttttagtcc	cttttgcttg	ctgtgacaaa	atgacacaga	ctgggtagct			180
tataaacaac	agaaatttat	ttcccacact	tctggagggt	ggaaagtcca	agatcagggt			240
attggtagat	tctgtgtctg	gtgagggtct	attttctgat	tcatcgatgg	caccttctca			300

<210> 964  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 964  
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ttttggtttt gatcaaagat tacagggtgtg agccaccgca actggcccac tgtgttacga 180  
tttgaaataa aaaggaacct gtcaagtacc cagagaatat cagaactgct gtccgatctc 240  
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<210> 965  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 965  
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tcagtatctc aagttctgtg tagattcatc taaacactgc tggtatccat gctatacttt 180  
accatgttat cccaaaaggg aatcatcagc aaattttacc agaaactgct gaattcaaga 240  
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<210> 966  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 966  
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gcagagagac agcacagagg ctgttggaat aaattcactg ggctcatctc acatgtatgt 180  
cttctagtct acatgtcttc tatttccttc tgtcttctcc tcatccccac cattaatctg 240  
tcagatgcac acatgggcaa agggctctgt gtaccaaagt tgctcagtga taaaagcagc 300

<210> 967  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 967  
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cccacctccc ttccagggat ttgaatagtg gtttttctct agctttttgc cagaacaaag 120  
gagggtacat tacttaaacc cagggcatca ggatgtgctt gggctatggt ggccataaac 180  
cctgagccca gagagcttgg gtcactgtca cctgagtgca gctgggctgc ctcaggcagc 240  
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<210> 968  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 968  
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aaccgaagcc tggaccgagt cataaccaag cagcaaatga cattgtcaac ccagatcag 120  
agcagaaagt catcatcttg gaagaaggta gccttcttta cacagaaagc gatcctttgg 180  
aaactcagaa ccagtcatcc gaagactcag agacagagct gttatcaaat ctaggagagt 240  
cagctgctct agcagatgat caggccatcg aagaagactg ctgggttagat catccttact 300

<210> 969  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 969

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gaacaggcac	gtgcatttgt	ggcacactca	gagctgctgg	ccactagtgt	gctttggaga	180
atcagttgtc	tcccaggcgg	ggaagggtccc	tcagacataa	aatactcacc	catttagagg	240
aatgacaaca	gcaaaggaaa	ctatattctg	ctaatttact	ggtaagagag	gaaaaactct	300

<210> 970

<211> 300

<212> DNA

<213> Homo sapiens

<400> 970

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gccgggccct	cattcagcag	atgtccccct	ctgcctttgg	tctgaatgac	tgggatgatg	180
atgagatcct	agcttcgggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaaagt	gcacagagac	ccgccccag	acaagagttg	atggagaccc	agggattgga	300

<210> 971

<211> 300

<212> DNA

<213> Homo sapiens

<400> 971

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tacagtaaca	gggatggagg	gcataaggct	ccagagcaat	gctggcgccg	tcagtgtgtg	180
ctctagaggt	gcaaccgggg	tggttggtgg	tcagcctggg	tgacacagca	ggtagggccat	240
gctggctgag	gcctgcttct	ctccttttgg	agctctgggt	ttaccccagc	ttccatgctt	300

<210> 972

<211> 300

<212> DNA

<213> Homo sapiens

<400> 972

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ggcactgagg	tagaggccat	ggctgcctct	gatgccaaaga	atcataggga	gcttgaggat	120
gcctactgga	aggaccgacg	acaaacacgt	catgaggaag	gagcaacgca	aggaggataa	180
ggagaagcgg	cgctcgcacc	agctggaacg	taggaatgag	actctgcgct	tactggagga	240
ggaggactcc	aagctcaagg	gcggtaaggc	gcctcgtgtg	gccacgtcca	actcggtcac	300

<210> 973

<211> 300

<212> DNA

<213> Homo sapiens

<400> 973

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agccctccgg	ggcaccagct	cggggcaggt	tctcacgtgg	gagggcacag	ggcttcctgc	180
aggctcggag	gcccagggcg	gattgtggcc	agtggaaagg	aaagatgttt	ctggcagggg	240
gacttggtgtg	ggccacggct	gtgcggctgc	ggcgttgagc	acggcctcac	tgtccacctg	300

<210> 974  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 974  
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 ctctccaca gactcctccc tggtcaccac tagtgatcca ccttatggat ctcccaaggc 180  
 cacctctgcc tctgctctgt gttgtattat ttggggacct gtggtctggc atgcattgta 240  
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<210> 975  
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 <212> DNA  
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 <222> (1)...(197)  
 <223> n = A,T,C or G

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 ggcttctgct ttganngtgt nangacacgc tatgacnccc gncagngnta atgncccccnn 180  
 ntgtnatnct gtttttg 197

<210> 976  
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 <212> DNA  
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<400> 976  
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 gtttccccag cagatatcac aaatatgact ttgtttcttc tcagattggg tgtacttaaa 180  
 aatacattgt ccagagtcca ctgtaaggca tgaccaataa aagcatctcc atttagttgt 240  
 ttaactgact cgtgcacatg cctcttcatg aggcgcttac ttctgtaggt ggtaagattg 300

<210> 977  
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 <212> DNA  
 <213> Homo sapiens

<400> 977  
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 gtcatttccc atttgtccag agagtgtcca acacaaaata cccctaagat cttggccaat 240  
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<210> 978  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 978  
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taaattttat ttccctttaag ggcaaaacca acctccaagc acatttatgg cccatgtttt 180  
aagagctggc cgccctttct atcctgtatc tctggttaaa cgtgttttct ttttcttgga 240  
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<210> 979  
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<212> DNA  
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gttcagtatt tcaatacttt gtattttact tgaaattacc cttagtagca tctttttttt 180  
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<210> 980  
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<212> DNA  
<213> Homo sapiens

<400> 980  
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cttttaagtt actggattat tctgcttgag cttgtgagaa cctcaatgta ctccagtcct 180  
ttctgaaata aggcaagatg taaataagaa ttgtgtgaag tgtttaagat ggacacttag 240  
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<210> 981  
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<212> DNA  
<213> Homo sapiens

<400> 981  
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<210> 982  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 982  
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aaaaagcctg atctcatgga gacctgcatg gccctgttag agatggcgta gaagtgaag 180  
tcttaaaggg agcattagag atccttttaa tacacgactg agtgccagct tatttgtgat 240  
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<210> 983  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 983

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ctggaactag	aggccagagg	gaaactatta	aactcacgtg	ctggcgtgag	gaggggatgg	180
agccaggagc	tcagactctc	cctcatctca	cgggcatttt	gtaatactga	catttccaga	240
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<210> 984

<211> 136

<212> DNA

<213> Homo sapiens

<400> 984

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gatcattggt	aattagtgac	atagtaacat	ctgtagcagc	tggttagtaa	acctcatgtg	120
ggggagggtg	gggagg					136

<210> 985

<211> 300

<212> DNA

<213> Homo sapiens

<400> 985

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gaaaaagaat	atgttggaat	tgctcagtgt	aggatttttag	ttcatgagtg	gcctatgaca	180
tctggttcca	gtttgcaact	aattgtcatt	caagaagagg	tagtagagat	tgatggaaaa	240
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<210> 986

<211> 300

<212> DNA

<213> Homo sapiens

<400> 986

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ggtgactggc	agatgaattg	acttagccgt	ggtcctgcag	gtgatgagtg	gcagcactgt	180
gctcttatca	ccagctcttg	agcgtgctgc	atcctctcat	ttgtcgttgg	tctcccctag	240
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<210> 987

<211> 300

<212> DNA

<213> Homo sapiens

<400> 987

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gtagacagag	agcagatcaa	tgtgtacttc	agacaccaga	aagtctgggtg	gctttgggtc	180
caagtgggtg	aatcacctga	ggtcaggagt	tcaggaccag	cctgaccaac	atggggatac	240
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<210> 988

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 988  
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 ccaggttcag tgctttctcc tcctcctcct ccaccacttc ctctcagtt ttcattcttc 180  
 cagccaccgt gttttcctcc cgtacaacca ggatctaata atatttgatga ctcagataat 240  
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<210> 989  
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 <212> DNA  
 <213> Homo sapiens

<400> 989  
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 taggattatg ggcattgagcc accacaccta gccaggcttt ttatattgag ttggttatat 180  
 atgcttcata gccacacttt ataattattgg agtatagtat taaattacag cttgttgtca 240  
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<210> 990  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 990  
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 tgtttatagg ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata 120  
 caaaactctc ttcttttagg gctactgaga cttgattcct gatcatcaga aatttcacca 180  
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 cactg 245

<210> 991  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 991  
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 gatgtatgtt ggagcccatg gtgtatgggg gtgggggtgg ggggaaggggtg gaggggtacct 180  
 accccttgag gcttctccag aggggtgtngg gaccanattg gacctgggtg aggaagggcc 240  
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<210> 992  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



<400> 992  
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aagctggagc tttaggatat ggagtgtcca tcacttggca tctttctcat agcccaggtg 180  
gcatctgaga attaggtttag ggttgatttg gaccctatgg tttggtaaat catgtccctt 240  
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<210> 993  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 993  
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cagggtgttg ggcccatata cttcaaagac cagagccctg cactgggaga gtgctcctgg 180  
cccaggctgg gaatcacctt tcgaggccct tcagactctg gcggggcttg ctgtggcctc 240  
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<210> 994  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 994  
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gggtgtgggg taactgcctt gcttctgccc cgggcaactg ccatgttcca gtggggggca 180  
gatcctcagg acttcacggg tatggttgcc agctgtgttc ctggcccctg gacacacagt 240  
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<210> 995  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 995  
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ttttccaact cagtaattaa aaaaacattt acttctgcc tactgggttg tggaatattg 120  
tcaggatctc tgggttccag gtgagggatg cagaatgcag ggaaagacag gtcccctgcc 180  
ctccagaagt cgggtgggcc ttttcagagt aacacacact ggagcagacc cctggaaaag 240  
gacagtccac tgggtggacca tgaccttggc caaaagaggg accaggtctg gcttgctcac 300

<210> 996  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 996  
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caaggagtat gtggcagctg tcctcaagca tatcgagaac aagaacctca tgccacctct 180  
tctagtgggtg cagaccctgg ccacaaactc cacagccaca ctctccgtca tcagggacta 240  
cctgggtccaa aaactacaga aacagagcca gcagattgca caggatgagc tgcgggtgag 300

<210> 997  
<211> 300

<212> DNA  
<213> Homo sapiens

<400> 997  
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ccctcccctg agaagaaggc aaaaagttcc tctgggggca gctcccttgc caagggccgg 180  
gctagcaaga aacagcagct cctagccaca gcggccaca aggattctca gagcatcgcc 240  
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<210> 998  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 998  
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tgccaccccc acaaccctg aggaggtgta gaccagctc gagagccgca agcactgagg 180  
cagggcctga gactggacct ggggtgagcgt gnnctgtgga ggntggcgag gtgcggagac 240  
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<210> 999  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 999  
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gttttaggag aacattttaa tataaattca aaccttggtc caatgagaaa aatacctgat 180  
aaatatgact tatgtataat gaacgtgaat tatatttcag aattaattgt tagtaataga 240  
aactcctttg gaaggaagct tgatgagctc agtgcacatg cgaaattgct ccttcatatg 300

<210> 1000  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1000  
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atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggtcat gctccggaga 120  
cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180  
ttacctgatt aacattcctg acaccatctg tgggtcatcc tttccctgga ccgttcagtg 240  
gacagctttc aagcagtgct tgttgtgagg tcccatcttg gccaaagaact taccttcaga 300

<210> 1001  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1001

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tatgccttct	gctgtagtaa	tactttgatg	cttgtaattt	tcttgaactt	acgtcatttt	180
gtgtctctgc	ttttgtcagt	tctcctgact	cttagttttg	cctgactctg	tcttcataga	240
cttgtgtgta	ggcattatta	tctcctgtga	agtcttctct	gacagttact	tactccctcc	300

<210> 1002  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 1002						
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gaatcttgca	cgatccttca	atcataagaa	atcacatgtt	agtgcagaag	gtccagcgtg	120
aaatcctcta	agtggccaaa	tctaggagtt	cttctctggc	ttggttggct	aaagcagtga	180
tctgtgtcac	ccccagggcc	atcact				206

<210> 1003  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1003						
gttacctctc	aattttaact	tttttttct	tttttaatta	atgtttttta	cccatggcaa	60
gctgtaatag	cttttttgag	gggaggtagg	tgcttgataa	agaacagtag	gtgctgctta	120
tcaacagatg	aaaggagggt	tctttttcag	gcaaccatct	cattttgtgag	tgaatggact	180
ttctctttta	agtgtctggg	ttgttagtgc	catttttatt	gtaaatatca	aaattgttat	240
tttttgtctt	ctacctaaga	attctgtctc	ttaggctttc	tcttcccaga	tttccc aaag	300

<210> 1004  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1004						
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acagttttga	gaatctttga	tttcagggat	gttgagagct	gtcctgtca	tctggagttg	120
agtctacccc	atgggctaca	gtgtacacag	gagtgggacc	ttctgttctt	gaacttaggc	180
tgtggtgtga	tcaccctttt	ctctgcatcc	acctgacagg	ctgggacttg	ggctatgctc	240
tggacaaggc	tggctggtgc	aatgatgccc	tctagaggat	ggatcaggcc	cagtcaccac	300

<210> 1005  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1005						
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gtgattccaa	gaaagttag	atctttccac	atggaaaccg	tcatgtaaga	acagaaaaac	180
tctaaggttt	atctgctgtg	ctgctcaact	ggatccagac	caggtattct	tattttaaaa	240
gctatatttg	atagatgtta	tattctactc	ttgcttcaaa	acaaatcact	ttcgacacag	300

<210> 1006  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1006  
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taggacttga gtctttcttt ttctgtttt agttggtgag tgagtgatag ggtaacatgg 120  
gccttcagga tgaccccttg gaactgtgcc gagttcctta aatctcagct gggatcctgg 180  
acctgggagg cccctgtgag ggccagctct ggaaaaacct gggagttgat gccggaggct 240  
gtggaagaac tctgctcgag ggcaggggtg cctggaacac tggtagttct ggggctggga 300

<210> 1007  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1007  
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ggagctccaa gagaaggcca ttgtccttgt agcagcaggt gccccccaa gctgggttct 180  
cactgcaggt gccagcgggc tctcagtagg tatgacctgg atgtgagtgg tgagccagga 240  
ttgaggcact cagcaccttc gaccacactt cccactctcc ctgggggttc aaggcaggct 300

<210> 1008  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1008  
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tgatgtgcaa gagtctatcc attttttggg gtctgaattc agtagaggaa tttcagacaa 120  
ttatactcta gcccttataa cttatgcatt gtcacagtg gggagtccta aagcgaagga 180  
agctttgaat atgctgactt ggagagcaga acaagaagggt ggcattgcaat tctgggtgtc 240  
atcagagtcc aaactttctg actcctggca gccacgctcc ctggatattg aagttgcagc 300

<210> 1009  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1009  
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ggttctagtg gggaaacaagg cagatctctc tccagagaga gaggtacagg cagttgaagg 120  
aaagaagctg gcagagtcct ggggtgcgac atttatggag tcatctgctc gagagaatca 180  
gctgactcaa ggcattctca ccaaagtcac ccaggagatt gccctgtgtg agaattccta 240  
tgggcaagag cgtcgtctgcc atctcatgtg agcccttggg tgtggggtaa ctgccttgct 300

<210> 1010  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1010  
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tagtttttca tctacaccag ttatctcacc tgctcctaac agtacaccag ctaacagtaa 120  
caccaacagt aacagtagcc ttataacaag tcaggatgct gtggaaaggg ctccagcagat 180  
gaagaaagac ctgcttgata agctagaaaa attagctgaa gaccttcccc ctaataccct 240  
ggatgaactt atcgatgaac ttggtggccc tgagaacggt gctgagatga ctggccgcaa 300

<210> 1011  
<211> 300

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1011  
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aggctgaggc aggagaatca cttgaacccg gaggcagagg ttgcagtgag ctgagatctt 180  
gccactgcac tccagcctgg gtgacagagc aagactccat ctcaaaaaaa aaaanaanan 240  
gganttacnt nantttaatg gntgnttgnn aggtttttttg caaacaaaaa ntcctttttt 300

<210> 1012  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1012  
cctctgcaaa agtgaaaagg caacgaaagg caggagagga gataatcaag catggctgggt 60  
cccctcaatg tgtagagtag gggagcttga gctgagggtg cagttgggtgc ccagatgctc 120  
agctgcccac ctggcttggc ctggcttcct ccacagtcca taccctacct ccaggtgctt 180  
cagggtccac agccacccca gtgggtgttt gggctgaagt agatcatgtc atgtggatgg 240  
gcctgtttac gtgatgtgcc atggaagggg gtggcaggtg ggcagcttgg agtgaagagc 300

<210> 1013  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1013  
ctgtgaagta tatgtaacat gagcgagcgc taggggaacg cttcaaagca gtaggcagac 60  
atcattgtgg agctaaacta agcacagtgc ctatagacca ggggtgctatg aacaggcgga 120  
aagagtgttg acaatcagaa attgtcaatg gtaattgcaa ataggaagac gcaagggcag 180  
aatggcagct gcaagcactg atttgcaatt atgccacttt cactgggaac tctgagtact 240  
ccagggtggg tagctgctgc agcttgcttt cttctaataga ggattaatga ttactttgag 300

<210> 1014  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1014  
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cctggaatta gtacagtcga agcggcacgt acaggacaag aattcaagat gcttgacagt 120  
ggagcacaag ggcattagct tgagggacag ccagaataaa tggaaacttc attatccatg 180  
gattatgcac ttggaactta ggtcctaggc aactctgata ttagtaattt ggccagcagg 240  
ctcattaagc tcttaagaaa agtgggccta gttaatgaat taacacaaga tgacatttta 300

<210> 1015  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1015

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cagagagcaa	gactcttgct	tttacagaac	acatattctt	gtggaatgag	aggggctatc			180
atcaagtaag	caaatcattc	catggagtgt	gttagtctat	tttcccattg	ctttaaagaa			240
atgcctttta	ctgggtaact	tataaagaaa	agaggattaa	ttgggttatg	gctccacagg			300

<210> 1016

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1016

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gaagagccta	gcggggaatg	tcatgaatcg	acctccatcc	tgagctctcc	aggcctggga	180
caatggaaag	tggatagggg	gctgtcttcc	cagaaggaag	ctgggtcaga	ggttggtgcc	240
ccatgggctc	caccagagc	cccattggcag	tctccatcca	ttggtgccag	gacctgctgg	300

<210> 1017

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1017

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tcaactcagt	tggatttctg	ggatgagaat	tagaggagtc	ccattgaaaa	actggaatga	180
gagatgagaa	gtttgctgaa	aacagaacat	ttttttgtgt	gtggattgat	ttgcctcgta	240
tacctgcctt	gtactttaac	cacatctttg	cagtttaaaa	tagaacacat	tatttcttca	300

<210> 1018

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1018

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tttctctgcc	cagtaatgtt	gatgcagttt	gcataaatag	ccttggaagt	aaggaggcag	180
gacagaaagc	caaatatcga	aatctctggc	cttgatttag	tgacagttta	ttctaattggg	240
gaccataggt	gttattagta	aaaagatagt	gtacaaggcc	taagttcagt	ttacattgtt	300

<210> 1019

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1019

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ccataaaggt	cttcagagtg	ccttggccct	agacctccct	tcattctttg	tagagatgga	180
atctaagaat	gaaacatctc	cactcagtc	tgcaaatatg	gaagttcttg	agataccttt	240
ttttggtaga	tacttgtgct	ggtattctga	gagtcacttt	actctgatgg	tttgcaagat	300

<210> 1020

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1020

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cagactgttt	attccatggc	tccgttcctt	ttcccacaat	tggcagagtt	gagggaaaaa	120
tacacctaca	acattacacc	gttcccagcc	acagttaaac	ccacctcagt	ttctggacga	180
catagtaagg	ccagagacag	tgatgaagag	aatgaccag	acgatgagga	tgctgtcgtt	240
aatgcagtgg	ggtgtcttgg	accttttagt	gggttcctgg	ctcctgaact	gcagaagtac	300

<210> 1021

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1021

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gagaacaagg	acatcatgga	tagttaaggc	aaccagatag	gtgcttatcc	tctaggtctc	120
catccaaaat	ggagtaatga	cacctacttt	cgtgttttaa	gatttaaagc	cagtaacata	180
tgtaaagtgc	agagtctgat	gttcgagtcc	acaacgatgt	aaataatgca	aaaccagtgg	240
attactcatg	cttaatttat	atcttacttg	gaaatttatt	tcctttttct	tggttatctc	300

<210> 1022

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1022

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ttcttagtcc	agcacagaca	attctcaaac	agattagcaa	accaccctct	tgaaattgca	120
agaattgtta	ccatgtgatc	aaggcatcat	aattaatgca	aaccctagtt	tctagttggg	180
aaagagatta	agatggagac	tttgtagtaa	aagatggaca	tatatattat	tcacatagct	240
tattttattt	tgaatgaaag	agccaagcaa	actctagcct	tggcctgttc	ctgaggaggt	300

<210> 1023

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1023

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ctcgatctac	cagaccccag	gcctgggttc	caagggaaaa	attgcccaga	ccactcacca	120
gcagtgtctc	agctattcgt	aaacttatgc	ggaaagcaga	actcatgggg	atcagtacag	180
atatctttcc	agtggacaat	tcagatacta	gttctagtgt	ggatggaagg	agaaaacata	240
agcaaccagc	tctcactgca	gattttgtga	attattattt	tgagagaaat	atgcgcagta	300

<210> 1024

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1024

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attaaaagta	atggcataaa	ccattacttc	tattaataaa	accctcaatt	ttcattttca	120
tagcctttca	gaatgggagt	aagctttgca	atcaacctgc	tccttcatct	tatctgtaca	180
cttgataaat	ctgattcagt	ggttggaaag	gaatctgctt	ttcctgtatt	ggttacaagc	240
aagcactttg	cctgggtgag	tgtagctgca	gtatagcata	gaattaagac	tacagtttca	300

<210> 1025  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1025	
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cacccatatac tatgggttttg cattccatgg ttccagttac cacagtcagc ctctgtctga	180
aaatattaca tggaaaattc cagaaataaa caattcataa gttttaagtt gcatgccgtt	240
ctgagtagct tgatgaaatc ttacaccatc cccctccatc caggctagta catgactcat	300

<210> 1026  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1026	
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gtgacttaac gcagttctaa tgcctacat ttttatgctc ttatcctgca gttacaggat	120
aagtcaagat acacggtcta caaagaaatt ttgttctaatt ttataatag tagagatggg	180
gtctcactat gttgcccgagg ctggtcttga actccagggc tcaagcaatc cgctgccta	240
ggcctcccta agtgctggat tacaggcatg agccactgaa cctggctgta caaagaaatt	300

<210> 1027  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1027	
cagatatcag ggaccgggac taggtgtgat ggctcagctc cccactaccc agacctgggt	60
gagatttttaa aatgtattgc tcaaacattt atatggtgtt tactatgtgc cctgcactac	120
tctgttttat aaatgttact taatccctat gatagcgcta taaggctact actataatta	180
tccccagttt tacagaggag gaaactgagg catggagaga ttaagtcatt tgtcaaaaat	240
cagatctggg aatcctgcct ctgggggtcca tgctttaaac caccatacca tggtccttg	300

<210> 1028  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1028	
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agatttcaat tttcctcttc agtttgaatg tggagtatta ggagagcctt ttgcatgtca	120
aggtacagga agcagagatc acccctgcac tgctacctac atttacctgc tagaagtaaa	180
aattagttaa gtggaaatga ttatcatata tattttctct ctcccttttg aatgtacaca	240
atgtaacaag agtgacagac ctgaaattac aatcaccaaa caaacccaag atagttgttg	300

<210> 1029  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1029	
gaaaatatag gcctttattg tctttaacat tgaagtaact ttgtagtttt attcaattat	60
gagccagcag atccttagtt taggccctta tattgcatac ctaattagaa ctttccccaa	120
agttcaactg catgacctta atgtattgga gcacgtctta caggtggact taaaactcta	180



gaatttcctg agtcgttggt a	ccact gaaggtcttt ccactgtaca g	tcagg	240
catcatcact atgattcttt t	ctgact gttgcttggt ttccactgc t	ctcccc	300

<210> 1030  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1030		
tacaagttgg attactatga tgtgtctcaa gaagttttgg ctgtttacct tcagcaaatt		60
cctgatagta ccacgcact caatcttaaa gcctgtaacc attttcgcct ttacaatggc		120
agagcagctg aggtattgat ggaagtgtgt ttttaatgta cttcattcca atttgaatta		180
ctttatactt tccaagttat tcatgaaact ctgttatctg taactcttga ttaatatccc		240
tttatcattg ccactgtgat tctataagaa cctaattata tgtttatcag gtattctaaa		300

<210> 1031  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1031		
aagaggtctg ctcacctact gctgccacc ctgggctggg cagcaagagg tctgctcagc		60
ccaggggtggg tggggcgcac acctgtcttt gtgcatgcaa atctgataca cctggcgcat		120
cctctggaga gcacaacgca tggaaaggctc tggaaagctct gtgtagccat tccttctgca		180
gtcatcctac ccaagtaaaa gtaaccttgg ctatgttacc accgttttgg tcacccagga		240
ggacatctta gcaaggggtgc ctgcgaggga gtgtgggact gggcctcatc ctgcgcggcg		300

<210> 1032  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1032		
atctagttag ggcaaagctc atttggctat agagtaaattg taagacttgt tacaacagaa		60
atttaagtgg ccagttcaat gtcctttggc tatatttgac ctacctttaa aacctagccc		120
atttcataac agcctcttct gtgcctgggc ttgaaatgtc taaagctgcc ttcgtgtctg		180
ggattacacc atgtagggtca gtataaagag ggcagtcact cctccatttc tcccagcgtg		240
tccagttcag cagatttcta aagctgttaa gcagcctctc tttttgaccg tcctaaactt		300

<210> 1033  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1033		
tttaaagtct tccccatcat atcactgac tcaaaagcta gatttgtctt catttttagtc		60
gtatccctaa aaccatgcat tggctctggac aggagtgtgc ccatattccc ttgcagactg		120
gtcactccat gttctctgtt acagtaagga ccagccaagc ttcagctgtc ccattcctcc		180
ccctacaaca cacacacctt tcaggcaggg aggagatgag cttccagccc caagagtgga		240
ggctgccaca tcctaacata gtatctattg aaaaggaagc agtgtgtatc tatgattata		300

<210> 1034  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1034

gtgaggaacg	cctagaagtg	tgtttt	cagcctctta	tcattctgccg	gtacccc	60
tggtcagagg	atcagattct	tttagaggc	agtttctttc	attcagcctt	ttcttgagt	120
gaagcaggct	tggtgggcat	cagtgaatat	catgctaaga	gttccgtagt	tcaaggagac	180
ctagaataag	ggggaaagca	ctttgtgaat	tgcccaagtt	attgcctagg	gatatgcata	240
ttggggagccc	tgaggagtgg	ccaaggcacc	acagaacaga	gactcacact	cagtacctga	300

<210> 1035

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1035

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tttacggaaa	acagagcgta	tttgtgaagg	cftgtgatgc	attatagcta	ttgccattcc	120
ccaaaagcaa	aaacaaagtt	gcttttaggt	tgttctgtgg	catttctgtt	gggtactaac	180
aaagaaatca	cctgttaagc	ctgataatga	ctgtttgcaa	aattttattat	aagagaaaag	240
gcagggtatt	gagggttgct	tttagaagtc	tgatcatgata	tgaacacaga	ccccagaaac	300

<210> 1036

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1036

aacgcttcaa	ttgttttgta	gaaattttaa	taggaacttc	aagaagtaaa	cctttataac	60
attgtaaatt	cttacgtaca	gcatcacaaa	agacaaggaa	tactgtcata	tccttttagc	120
aaaatgatat	tgcttaggtt	cttggtgcaa	aataccacat	aatgaaatcc	ttcctgttgc	180
atgattaact	gggtgagaat	atcatctttc	cttttggtcc	gtagaaatgt	attattcact	240
actccattct	tgagggttgt	tttttaattt	ttttggagac	agtctcactc	tgttgcccag	300

<210> 1037

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1037

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tatctttcta	ccctgctgta	ccatcttttag	ctttttatct	ttttattctc	atgcttttgt	120
ttcttcatga	tgtaggatg	gctgccataa	ctccagggta	tacaccaatc	ctctaaacaa	180
gaaacaaggg	gttgagacaa	aacactctga	gaagggtttc	tggaacaaa	agacctccaa	240
gctgactttg	cttcataact	cattggctca	aactgagcta	tatgcccata	cttagagcaa	300

<210> 1038

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1038

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tagattctgt	tgttacgtgc	aacactgtat	atctctccat	agcacttaat	cagagtttgt	120
aattaggcat	ctttttgtgt	gattatttgg	taaatgtcca	tatcccctac	tagcctataa	180
gctccatgac	ttctaggtac	cctgtctgac	tacgtgtatc	actgtttcta	ccgcctaaca	240
ttgcctagca	cattcattgc	ttcacaggca	tctgaatatg	gtttttataa	atacattgct	300

<210> 1039

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1039

gccatgtttg	ccaggttggt	cttgaacttc	tgacctcaag	tgatctgcct	gcttcggcct	60
cccagagtgc	tgggattaca	ggtgtaaact	actgctcctg	gcctggaatc	catttttaat	120
gggaagcaca	atttcatagt	taatagttgg	gggcaggagc	ttaagttata	attgcagctc	180
cactaattct	tagaatgaat	atagattgaa	gtcttggggg	ttttggcatg	atttgtgaga	240
tgaaattatg	tgatagcaga	aggaaggcct	cctgcacttc	atgtttacag	tagagtccta	300

<210> 1040

<211> 134

<212> DNA

<213> Homo sapiens

<400> 1040

gtaaaagtca	ctctgaggaa	ggccagaaca	gtgcagtggc	tgctgggttt	gatgaaccgt	60
actcctcaga	gcattctaggc	ccgtgggttt	tcagctggag	ctcatctgag	cccctgtggg	120
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<210> 1041

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1041

gtggaatcag	aggtttctgg	ctgactcggg	gggtgctttg	aaccaggaaa	ggacaagaaa	60
gaggtgagtt	gcacttggca	gttatagtag	agctgcctgc	ctgtggctct	tcttgctttg	120
aggtttgctc	cttcttcagt	gcaacccttt	gccagacat	ccctaattgc	cccagctcag	180
agcagcagtt	ggcaggcagg	agctttgcag	ttagccatcg	gagagcccca	cagacagggg	240
tttaataagta	caaacagtca	tcacaattaa	ttcaggccag	gctgtgtgct	cctggctttt	300

<210> 1042

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1042

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attgggaatc	atgggtattct	cagagctttg	gtttacattt	ttccttgaga	gaagaacagt	120
ggcaagaaga	ctgggcattt	atactctctc	ttgctagtca	gcctggagca	agcttgagag	180
agacgcacat	ttttgtactg	gcacatattc	ttagacgacc	aattatagtt	tatggagtaa	240
aatattacaa	gagtttccgg	ggagaaactt	taggatatac	tcggtttcaa	ggtgtttatc	300

<210> 1043

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1043

ggtagaagaa	gaaatgatta	cgaaaatcct	ggataagcca	gctccctttc	aaggggatca	60
gtgtcctcag	tccccaccc	ccacctaaaa	agcagggtccc	attcagccca	gccagctcat	120
ccttgacagt	ccatccagga	cctacagggt	tcgcccctcg	catggcgagg	cccgggaagg	180
cagctggctg	caggaggcag	aggagtctgg	accgcctaac	ctgagcatgt	ggaaataata	240
tatgtcttca	agtgaactgt	ctggtcctgg	agaaataaaa	taggacattc	ataagcagtt	300

<210> 1044

<211> 300

<212> DNA  
<213> Homo sapiens

<400> 1044  
cccaaagtga aaagactgct gtcagatagc acttgccctc cccatattat tcagctactg 60  
ctgacctttg accctatcct tggtgagaag gttgctatct tggtatacca tatcatgcaa 120  
gataacccac agttaccccg cctttatctg agtggagtat ttttctttat catgatgtac 180  
acagggttcca atgtgcttcc tggtgctcga tttttgaaat acacacatac caaacaggct 240  
ttcaagtcag aagagacaaa aggacaagat atttttcaga gaagtatact tgggcacatt 300

<210> 1045  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1045  
aaaaggtgaa tgcagaggcc tggcccagac cccagccctg tgtgtcaata caacttttca 60  
cggttggtaca tacacatttt ccagtctgtg tctccctctg aaagaaaccc tgaaattcag 120  
gttgctaata gattgtttgt tgcaagtatg aaggacagag gaggtaaag aggaggcaac 180  
ttgctaattgc aaaagcagtg tactgaaagt cacttttatt tcttatttat aatctacatg 240  
cacactctgg ataatagatg acactgctca ttcagtactt taacttcaaa gcagagagaa 300

<210> 1046  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1046  
gactgacaga ggtgcccaaca tggcattctg tttttgaaaa gttacatgac actattaagt 60  
attgaaaatg ttctaactag aaaaacgatt ttcttaataca tagtttttat tgtggggtgt 120  
gtatgtaagt tttaacgtgc aaattaacat atagaagtca ctttgtgagg tttcatttaa 180  
atgtatttct cagattttgc tgaatctgta atagccattg aaatatttaa gtaccttggc 240  
tgttcctggc atcaataaac agatttttct ttcctctctc atgccataca aaagttgaca 300

<210> 1047  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1047  
cactctttta tattagggac ttgagcatct ggagagtgtg gtatctgagg gagttcctgg 60  
aactaatgtg cagatgccaa gggacaactg tactattgta cttggaagta ctcattgggt 120  
catattgcat tgtttctttg agtcttaatt ctgccaacat ggcctgggtgc ttgcattaat 180  
cagcttttcta atctctgagt aacaaggcac agtaacaagg agcagtaaca aggcacaagg 240  
cttggcacct gagagtggag gtacccagga ggcagacacc ataaggcggg aaatggacat 300

<210> 1048  
<211> 229  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(229)  
<223> n = A,T,C or G

<400> 1048

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tctatcctgc	tggaataacc	gg	agactc	agaaccacaa	aggcagggtgc	tg	agcctg	120
gcgccttctc	ctctgcttag	gctggaatga	gcttgtagac	gcctgtgect	cacccttctc			180
ntcttctagg	ctcanngnat	gcttaancng	ggcnnggtnc	acggcacct				229

<210> 1049

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1049

cccagagaag	agctttttcag	agaaaggtag	agacaagaag	ctagaaagag	tggaaggagc	60
agcagtcttg	caaggaagca	gggcagagac	acagcccatg	gcccctcact	gccctgctgg	120
aagggtgat	ggagctcccc	gcagcatggt	tcctgcctgg	gtgacagagg	ctcctgtggc	180
cacttttagaa	gtgcgggttta	ctcctcatgc	nganattgga	cnttgggcat	ntcagttctn	240
nnagatgttg	gtttggcgnt	atntcttttn	tt			272

<210> 1050

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1050

ctgggtgacc	cgaacacctt	cctcatcacc	acccatcact	ccacctgctt	cggagaccaa	60
gatcatgtct	ccgagaaaag	cccttattcc	tgtgagccag	aagtcacccc	aagcagaggc	120
ttgctctgag	tctagaaata	gagtaaagag	gaggctagac	tcaagctgtc	tggaagagtgt	180
gaaacaaaag	tgtgtgaaga	gttgtaactg	tgtgactgag	cttgatggcc	aagttgaaaa	240
tcttcatttg	gatctgtgct	gccttgctgg	taaccaggaa	gaccttagta	aggactctct	300

<210> 1051

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1051

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agtcgactcg	aggcacaact	agggtttggg	gttccggata	tcgcctaggc	ccaacatcgg	120
accgcgctct	cgattttctg	cgcgtcccg	ctctaggacg	cggagtccgt	gtgcgggtcc	180
gtgaggctgg	agggtagatc	ttaaggatca	acaaacagta	ataatgactg	aatgtacaag	240
tcttcagttt	gtcagccctt	ttgcttttga	ggcaatgcag	aagggtggatg	ttgtttgcct	300

<210> 1052

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1052

attagtata	agatatatatg	gacatctaag	ggaacaaaga	aactaacaaa	agacaagaat	60
tttcaagaag	gaaaacaaag	aaaaaaaggt	aatcagggtg	tggtacatag	tttagctgct	120
tatatgtttt	ctttggttct	gctcatggaa	acacaatgac	tatcaatcta	agtaagacta	180
taatataatta	gaaggatggg	tgatgagaag	tgtagaagtgt	tgcaaaggta	aatccttatc	240
ttccgctatg	aagtatcaat	aagcaatgcc	caaaaaaatg	aactattaag	aagtaactgt	300

<210> 1053  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1053  
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 tgaagtagtt ctttttggat ttcagttggc cttttagtag agcctttctc ctaaaggatt 180  
 aaaacgtgag actgcgggct tgagccaaaa agcagtcaga gggacaaaata ctgggtttta 240  
 cttagaataa cccacctgcc tagtgccagc ctaccactct tgaacaaaac ttgtatgatt 300

<210> 1054  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

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 actaaaaata caaaaattag ctgggtgtgg tggcgggtgc ttgtaatccc agttactcag 120  
 gaggtgagg ctgcattatc gctttaacct ggggggcgga ggttgcatg agcctngatg 180  
 ggggcaataa nagnaaact ttggctcaaa aannanaaaa taaatanncn atanaatatg 240  
 cnaagccct tntcttceng nnnctctcg g 271

<210> 1055  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1055  
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 tgactcaatg tcatgtggtg ccttgatgg gatccaggga cgggaaaagg acacttgga 180  
 aaaactggtg aagttcacgc aaagtgtccg ggttagttca gcatcagaag accaatgatg 240  
 gtttcttggg tgtgacgaaa atgttccatg gtctgaaagg tgtcaacacc aagggaagct 300

<210> 1056  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1056  
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 gccaagattg tgccagcctg ggcgacagg tgaggctctt gtctcaaaaa aaaagtccac 120  
 atcttcatga accctcagac tctggagttg ggtgtcggct tttttagcca gcttttgttc 180  
 cgttttagtga gaacctatta aagaaggaaa gtgggtaatg gagtcccagc cactcaagag 240  
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<210> 1057  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1057  
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 caggatggtc tcatctcct gaccttgaat cacaagagtc ttaacaggga atgtttcagg 180  
 aaacaaatag gataagacaa tgccagagga aggatagaaa catgggaagt ttctatcatt 240  
 tcattttctg cgtttccagc atgcccttgg aaaagactcc ctttagtccc tttttcaatt 300

<210> 1058  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1058  
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 catttttgac aaaagggtc agtgcaggga ggtggaggcc tctgaggtt gaagggtctt 120  
 gtgagttaga gttgtcacat gttctcctgg ttcttgaatt tgcagcaggt cctgaaaagg 180  
 aaggctctgc tggccccgtg ccttctctgac cttctctctc cttccctccc ctctcttttc 240  
 ttgccaagtt tgctttgggt tctgagcagc ccagagagga ggagggttcg tccccaggga 300

<210> 1059  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1059  
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 agaagaaaaa gaagcaatat ataaagaacg ttggccagat tatgtaaggg aactgcgaag 120  
 aaggatttct gcaagtactg tagatgttat agaaatgatg gaggatgata aagttgatct 180  
 gaatttgatt gttgccctca tccgatacat tgttttgga gaagaggatg gtgcgatact 240  
 ggtctttctg ccaggctggg acaatatcag cactttacat gatctcttga tgtcacaagt 300

<210> 1060  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1060  
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 ttctctaatt gccaatatga ttctaggaat tatcattttg aagaaaagat acagtatatt 180  
 caaatatacc tccattgccc tgggtgtctgt ggggatattt atttgcactt ttatgtcagc 240  
 aaagcaggtg acttcccagt ccagcttgag tgagaatgat ggattccagg catttgtgtg 300

<210> 1061  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1061  
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 gctgtttcca gttcgaagcc attattaata aagctgcaag gaagaaatat ttttatggat 180  
 gtgtgttttt atatctctga taaatatatt caactggaat cattgggtgt attgggcat 240  
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<212> DNA

<213> Homo sapiens

<400> 1062

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ctgttttagtg	atgtagatga	gatcacctgg	gaaggcatga	atgggcgggc	tgagtggggt	240
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<210> 1063

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1063

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tgttagccag	gatggtctcg	atctcctgac	cttgaatcac	aagagtctta	acaggggaatg	180
tttcaggaaa	caaataggat	aagacaatgc	cagaggaagg	atagaaacat	gggaagtttc	240
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<210> 1064

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1064

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agtatggagt	gcctatcgca	ctaggaaatc	tgagggtcac	aaaagaaagg	agatgtgagg	180
ataagaaact	ttgtttttcc	cttgttggga	actctttagg	cctcggtttc	tggtgacagc	240
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<210> 1065

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1065

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accagcgccc	ccacatggcc	ggtctgagag	caagtggaga	gtcacagtca	cagtcacagt	180
gcccacgcc	tccacctggt	cctgacgggt	ccccagggga	caccatataa	ccttagtc	240
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<210> 1066

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1066

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<210> 1067  
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 <212> DNA  
 <213> Homo sapiens

<400> 1067  
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 ttgccattcc atctctgtgt taacacttca tatttttatg aaattcagat aatttgtgag 180  
 aggctggcat ggatctaagg atttattatt tttattctag tccatcagtt cagtcgcagt 240  
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<210> 1068  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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 gtaaatgcag gcagacctta acctacatta tagcatcggg gtgtttattt ggagagtgag 240  
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<210> 1069  
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 <212> DNA  
 <213> Homo sapiens

<400> 1069  
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 ttttgatcat ggaggtgttt tcacagagtt tatccccagt agtaaattac attccaattc 180  
 tgtgagtcag aacaacgttt taacatgcac accaacgtcc gggttgctgt tttgctacca 240  
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<210> 1070  
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 <212> DNA  
 <213> Homo sapiens

<400> 1070  
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 ctgaagccat tccagagaga agacagtcac ccaagaggct tctgtaagca tccccttgcc 240  
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<210> 1071  
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 <212> DNA  
 <213> Homo sapiens

<400> 1071  
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&lt;210&gt; 1072

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1072

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agacatggac	cttcacaaa	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	240
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&lt;210&gt; 1073

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1073

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cctcctaagg	aggtgcagcc	tccactaccg	gacacatttt	ttgaccattt	taaccgggtg	180
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&lt;210&gt; 1074

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1074

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tatctggtat	gtgatcgctg	tagagaaaaa	tacctccgcg	aaaaacaggc	tgctgcaagg	300

&lt;210&gt; 1075

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1075

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caacaagatt	cctgttctct	ccccttcaag	gctttgtttt	ctggaacttg	acattctcaa	180
atcattgccca	gttattttta	gtacgtgatt	agtctccctt	cctcagggtat	gttttcccca	240
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&lt;210&gt; 1076

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1076

tgctaattca	gccctaaacc	ccatcctcta	caacatgaca	ctgtgcagga	atgagtggaa	60
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gaaaatTTTT	tgctgcttct	g	ccaga	aaagggagcc	atTTtaacag	a	ctctgt	120
caaaagaaat	gacttgTcga	t	ctctgg	ctaatttttc	tttatagccg	ag	ctctcac	180
acctggcgag	ctgtggcatg	cttttaaaca	gagttcattt	ccagtaccct	ccatcagtgc			240
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<210> 1077

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1077

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cctctcatgt	gtcatctttt	cgtagacatt	ttcctgtgct	gtttgtctct	gcttgCctgt	180
ttattcttcc	tgtcttactc	agttatgttc	tttggcatca	ctatgcacta	aatacatgg	240
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<210> 1078

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1078

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aagtcacaag	gtcagggaga	ggagaagaag	cgtgctggat	gagtcaact	gtaggactca	120
agccagtagg	ttcttgttag	cccggctact	gacctggagc	caggcactga	tagcaacgtg	180
tcctctgagg	gaaggcaa	gggaaatcca	agcaggcact	gggatctgcc	tgtgacactc	240
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<210> 1079

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1079

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cctcacattt	ctgcttgtgc	acatgagaca	ggcaa	atgta	cactggggac	caccatgttc	180
acgtgacatc	aagaggaagc	ggaaaccagt	ggccacagca	tctttgtcta	gccccagtg	240	
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<210> 1080

<211> 300

<212> DNA

<213> Homo sapiens

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ctaagattgt	aattgatatt	atctgagagg	tagtgtgaca	actttctttt	gttggttacat	180
taagccgaaa	acataatact	aatagacaac	taacagtttg	cttatcaggc	acatcaacta	240
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<210> 1081

<211> 241

<212> DNA

<213> Homo sapiens

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 ttctcttagc cagttctaata ttttgttcag gtggaagatg gatgcctgaa gtgtagactg 180  
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<210> 1082  
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 <212> DNA  
 <213> Homo sapiens

<400> 1082  
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 gcatctgggt ccattacac agacgtagac attgaggtct agttagaagg acttgccagg 180  
 agtcctgtaa tagagcttgg cacttgggtc tcttgactct cagggactgg gtgtgagggg 240  
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 <212> DNA  
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 catggacgtg cgggtccggg tggattctaa gaccctgacc cgtaacacga ggatcattgc 180  
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<210> 1084  
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 <213> Homo sapiens

<400> 1084  
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 ataaaaaaga caaagacagt ggtaggatca gctattatgt cagtacatga aaggaacccc 180  
 ctatctcaat caaatggta aaggaagctt gtctcaaata acagcagaga aactcagttt 240  
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<210> 1085  
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 <212> DNA  
 <213> Homo sapiens

<400> 1085  
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 acaagtcaag agaagcaaaa gtgaaaagca aaccaggac tgttccattt ttgccaagt 180  
 actctgctgg attagaatta cttagcaggt atgaggatac atgggctgca cttcacagaa 240  
 gagccaaaga ctgtgcaagt gctggagagc tgggtggatag cgagggtggtc atgctttctg 300

<210> 1086  
 <211> 208  
 <212> DNA

<213> Homo sapiens

<400> 1086

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cgctttgtag ctactaagc agttttgtat ccaactttgt gcttttattt cagtgttttt	180
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<210> 1087

<211> 205

<212> DNA

<213> Homo sapiens

<400> 1087

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attgatattt aagtggacaa agtgggaagt agtcagtttt cagggctaca ggggtcatca	180
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<210> 1088

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1088

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ccagggcacc caaacctccc ttccctttcg tgtcgaaggg agtgaggagt gaattaagga	180
agagagcaag tgagtgtgtg tccctggagg ggttgggcgc cctctggtgt taccacctcg	240
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<210> 1089

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1089

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cagttgcctt attcctagtt caggcttact atctagaacc tcatgctagc ttaggttgca	240
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<210> 1090

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1090

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<210> 1091

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1091

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caccagctgc	ttttagtcca	cagcctctga	catgctgattt	gaagacacgt	tttatggagc	180
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<210> 1092

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1092

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<210> 1093

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1093

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<210> 1094

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1094

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cacactgagt	cctcttagcg	ctctcctgtg	atgggggaagc	cgggagagaa	tgggccctga	180
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<210> 1095

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<212> DNA

<213> Homo sapiens

<400> 1095

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 agcaggttgc acaaaccaaa aacaaaatat tttgccctt aaataggcat tttagaagt 180  
 tttatttctt ggtacttaaa tattgtgtag agggaaagct agttgtaata atttgtaaaa 240  
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<210> 1097  
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<400> 1097  
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 agagacaaac agcattgcag cagcagatac agaaacatga agagactttg aaggatttct 240  
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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1098  
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 ataatacagt ttcatacaga attaccttaa aagggagtct tatgttttca actacagata 120  
 gttgtaaggg atcatacaga agatattgat gatagttgaa atattcttag aaggggtgtg 180  
 tatgtctagc tgtgtctacc atgtgtatgt attcttgaca agcagtataa aatacctgtg 240  
 atttttcttt acattaggga taatgcataa ggaattaatc ttcatatata ttatcatccc 300

<210> 1099  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1099  
 gcaacacaaa ctgaatttcc ttattgctga tagctgcctg tagaggggtg gtcaaagaga 60  
 ctctacctgg aaaactctta cagaaaaaca ttattgaata ccctcttagt ttcagagttt 120  
 ccagtctcat ttctccttaa atctattcac caaaacacca ccagtttccc ctaccacaaa 180  
 cacacacata agtacacact cacctatttt caccttctct tccacttcca cctttgtgtt 240  
 gaacctgatt aaactctgat acttttaact ccaaaatatg ctatgctctt attaacaact 300

<210> 1100  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1100  
 gtctcgagtt tgttgttttt tgtaatccgt tttagagtga attaaactca gacatccctg 60  
 gattgtatgc tgtctgtaga atgttgattt tcaggcacgg ggatgtagct gtagaatgtg 120  
 gcttgttcat tcttctgtat aagaaattga tctcctgaat ggattggcca tttggtaatt 180

tcttagtgaa aggctgactc t	atgg ctgttataat ataaattctt a	cataa	240
agtaagggct tatttggggc t	gcaaaac tgtcatgcct tgaagtatat at	gcttata	300

<210> 1101  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1101		
attgaatttt ctgataattg aagcttatta attgtctaaa attatcttaa gatattctct		60
gatgtacatc attttaaaat gagttgcaca cttttctatt ctgtttcaac atattcaata		120
taatcttcgc tcttggtcat ctgttggtat tcattatata attcagacgt ggtctcaggt		180
ctggagacat gtgaagttat tgctcctaca ctgagtggtt ccatgtcatt atgccttaat		240
ccttatttag acacagctat gataccctct ttacaacata aaggataagc agaaggatgt		300

<210> 1102  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1102		
cacaagaaat gaaattaaaa aataaatcaa gcagccatat gctcaacttc attggaccac		60
tgcaatcctg gtgacatatt gagggctgaa gaaaccatt gcatatagtc ctccgtgtcac		120
tggagatatg tgtggttaaga aagagaaatg gccacgttgc aatagcagtg ggaagcaaat		180
gcagaaagca cccaggaaaag gggaagatct aggtgacaga ggccatctag tcttttggat		240
tcactctggtt ctggcacaca gagaatggag cttttgtggc aataatttct ctactgatgt		300

<210> 1103  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1103		
aggtgttgaa attacagaag ggaccatttc tggcaacaca gcagaccaga tatectataa		60
aagtcttcca ttacagaaca cctacacatc aggagctcaa aaacagatat attctttaaa		120
tgtctagcca acattttgga aaagtgtggg aaatccctca gggccaaaac cagagggagt		180
tggacaccag agtgataagc agacactgaa ggcaaggcca acctcagggc ttggctcaat		240
attctagaac tttacccttg ttctcaagtc tccgtgtgga caggggatga gggttacctg		300

<210> 1104  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1104		
cttggccctg ctctgtttaa agtcacagga ccataatctt ctgaatacca aatctaagac		60
tgcttggtac accccagagg tatgcatgtg cctaggagac ggtaggttac tctgagttat		120
gaggagctgg ggtgatgatt ttaagtattc ttgttctggg aatggagggg atattctcca		180
ttttgtgaaa ttcttggtact ataggttaca ttccatttta agctatcacc cctcagcatc		240
accaccatac ttgactaagg tgggactgtt tgcatagggt aattttggga tgggggaaag		300

<210> 1105  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1105



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ccataggggt	tagggatatt	tgctgtgtgt	tcaaatagaa	catgaaagaa	gccttttaaa			180
agtatttctg	tgcctattca	cagtcacct	aattttatta	cagtttttac	gttggtttaa			240
agagtatttt	ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat			300

<210> 1106

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1106

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aggcctgtcc	ccagcccccac	ccagggctctc	ctgggaagac	cagcccttcc	aactaccaac	180
ccgttccctt	tcccagtcgt	agccacagga	agagcctagc	ggggaatgtc	atgaatcgac	240
ctccatcctg	agctctccag	gcctgggaca	atggaaagtg	gatagggggc	tgtcttccca	300

<210> 1107

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1107

gagccggcgt	ggacccaggg	ctgagctgtg	accacgaggg	ccatcccgac	gagccgccat	60
ggacccaggg	ctgagctgtg	accatgaggg	ctatcccgac	gagctgccgt	ggacccaggg	120
ctgagccgtg	accatgaggg	ccatcccgaa	actgtgattg	ttttctgatg	aagaaaccaa	180
ggctttgtga	ctaactcaac	ccctcaagaa	ggacaaaact	agcatcagag	ccccttgctt	240
ctgggtctgg	caagaatgcc	tcttgtttgc	tgagaggtcc	acagatttac	ccggctcaag	300

<210> 1108

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1108

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ccaggcagtc	atgggccctg	aggccctcc	tgctggccc	tgctccccag	tggggaggtg	120
actgcgtttc	ccagagtgtg	agccgctctc	ctccccctaa	aaagctgact	cactgtgagt	180
gaccttgggc	aagntnccaa	ancttnttga	gccttagntt	ncncatctgg	aaaaaatggg	240
gccanctctt	gccannagta	cagggctgcc	natgcccntn	tctctncatg	cnccatcca	299

<210> 1109

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1109  
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agaccctctt gggccctgccc ccaccatgca cccagcagcc gggagtgcag cggtcagcct 120  
ggcagtgtgt gaaacccagg ccttcagccc tccaaagcct ggggccaccc cctgtagcag 180  
gcgatgctag aataaggagg agagccagag ctgaggctcc ttgccccttg gccccttcag 240  
gggccatggg atctctgtct cccacacccc tgtcacggnc cgcttganc ancccatagg 300

<210> 1110  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1110  
ccaagtcccg cggccaccag aagagcaagg ggaactcgta cgacgtagag gtggtgctgc 60  
agcacgtgga cacgggaaac tcttaccttt gtgggtactt gaagattaaa ggccttactg 120  
aggagtatcc aacccttaca accttcttcg aaggagaaat aatcagcaaa aaacaccctt 180  
tcttaactcg caagtgggat gcagatgaag atgttgatcg gaaacactgg ggcaagtttc 240  
tggtctttta tcagtatgca aaatcattta actcagatga ctttgattat gaagagctga 300

<210> 1111  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1111  
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tagtcaacta tatgtctgtg actgcagagc tgtatcttca gaggagtgat gaagctacag 120  
taggggagat cactcatgct aggtatggat ctcccttacc ttggcctctg aatcatattt 180  
atggcctatc agaggcaggg ggaagtcaaa cgtaagatta aagctattgg atggggaaag 240  
aagactctgg accaagtctt agaggatgta gaccagcgct gtctagctct ctctcagaga 300

<210> 1112  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1112  
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tcttggtccc ctgaacatta tgggtgctgac caciaacttt cctgtccact tatacaaact 120  
tctagttagt gtgtgtgatt actagcttca tgaataacctg acccctccac tctgaaggag 180  
gaacaggcct gtctggatca cttctctgtc cctaactgag cccatctcat ttagggaaac 240  
tacagagcac tggtgctttt ttttttagatg gagtctcggt ctgtcgtcca ggctggagtg 300

<210> 1113  
<211> 282  
<212> DNA  
<213> Homo sapiens

<400> 1113  
acctgtttca cctcccaaatt ttatatattc aaagtattta cttaaaattc agaagccaga 60  
agttcatgtc atgattacca ggaagttcag gccagaatga atccctagag aagccaggcc 120  
aagcctggat aattgcagct ggatgaccct ggcccgaatg tcacagttca gttgccttat 180  
tctagtcca ggcttactat ctagaacctc atgctagctt aggttgcatg tttacattgc 240  
tgcattagtc tttactggaa gcttagttgg atcgaaatgg ac 282

<210> 1114  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 1114

ttggtgtgta aataaaactt tagaaagggg ctattgaact ttggacaggc aagctccatg	60
agctctccct cactctttga ggcagggttaa aggggtacggc catgaccacc accttaatcc	120
ttcagggact atttacaaaa gattgaaaaa tgtgcccagg gcccgtagct gcccctctgt	180
ggaactagcc caactcaagt gggctggcag gcaagcctgg ctttcatggg gacagaagag	240
agagtttgcg gggagcttgg catttttcaa cacatgcttt ttggcttctc ctactgaatt	300

<210> 1115

<211> 150

<212> DNA

<213> Homo sapiens

<400> 1115

gaagatgagg aagccagcac tggatctcat ctcaagctca tagtagatgc tttcctacag	60
cagttaccca actgtgtcaa ccgagatctg atagacaagg cagcaatgga tttttgcatg	120
aacatgaaca caaaagcaaa caggaagaag	150

<210> 1116

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1116

gtaccacatc tagatacgag gtcagagttc agatgcctaa atattgtagc ttgtgttttg	60
tccactgttg ggggaagagt gaagagattt gacataccat aatgttgatt agcttgtgat	120
ggtttggcgg cagcttaggc cagagcataa agtaaaaagg aaaagtgttc acagacaatg	180
aaaactggga ccaagtgggt aatactcaag gcacacagac caggcaagga tcccagtggt	240
cgtggatgag tctcaggctg gctctgggcc agtggaacac acctcagtgt ggggtgaaggc	300

<210> 1117

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1117

tctagatctc atcggagatt tggacgggaa aggggttgaa agagttcccc aaagccccgg	60
ctaggcatcc agcctcagcc atgggaccca tggcctctct ttagtgaatg atgcgccaca	120
ccagctgtat cccccagg tgtacctgcc atccttccat tgcgcaaagc tggaaactga	180
gcctgggggt aggggtgagc ccttttgagc agcaggtggg gtctggggcc tgggacctgt	240
aaacaaatcc tcattactcc cagcctgggt tctgtgcttg atgtttagta ctagaagtca	300

<210> 1118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1118

ctcaccaaga acacaaataa acagttgatg aatccatcac atcagtgatg aatccagaat	60
gtgtccatca ttttcgtaag tcttagtatg cagagaatct cagatagcaa agcagaaagg	120
atgatgtcac agacgccttg ggtaccagc acctggatgc agctgtttgt acacacatac	180
tttctgatat tatgttgaca gtgacttaca ccacttcaac ctcaggcagg attctatcag	240
tttctttact acagattgat ttgtttcttt aataattatt gtaattactg tcagtaaaaa	300

<210> 1119

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1119  
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 tcatgaatct atatgacatg tggggtcggg aacatagtac cctaccataa gtcagggttat 120  
 tcctactatt ctgcaacatg taaataacac tttgaacaga gcaagtggta aagattgctt 180  
 aatttttgca tgactatttt gataaatatg ttgagaagga ccagctcaaa ggaaaacctc 240  
 ttggtaactt ggcataagtt aaatgtttcc caagaaagtg cactcttccc aaataaagct 300

<210> 1120  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1120  
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 aactggcaat ctttccaaag tggcagccaa ggccccactc cctgtcctac tcaatctctg 120  
 cagggaataa ctgtgggata ggatagcagc cagctgggga cacacagagg aacattcaac 180  
 aggaaggtcc cgcctaggga aaaggccaca gagcccaggc ctcttgccga ttcagggatc 240  
 cttggatata agtggattag aggagaggga ggaaagctat catttcagtg gtctccaaat 300

<210> 1121  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 1121  
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 gggagaaagg agatttgaga agcatcgcta tgatccatga atctttgtag tcaagtttaa 120  
 gaaattcaag taaacagagt tattgtgaaa ttattatatt ttggttgcta ttctctctct 180  
 cctctccac tctgtctctt ttttttctt tgagatggga tcttgctctg tcgcctaggc 240  
 tggagtgcag cagtggtag atcatagctc actgcagcca atttttttt 290

<210> 1122  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1122  
 agggaggag ggggcaggac agtgtggaat ctctaggggtg tatgggtagg tagggggcac 60  
 agttagttct aagtgggctt ttatgctaaa agcctctggg gatattctgt ttgaaaataa 120  
 agataggtgt cccctccttg ctgtcatcta gccagacac tctgcttgct ctctggctgt 180  
 ctgctccctg ggaaggcttt aggaggacca cccaggacag gatgaccatg ctgccatctg 240  
 ctctggagct gggctctcagt gcagagggac agtgactgtg gatggttgca gtctctgggt 300

<210> 1123  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1123  
cctccaccaa cccccagtc ggggatg gacaaccatt tggaggagct gaggctgccg 60  
gtgcctacat cagacaggac cacatctagg acctcctcct cctcctcctc cgactcctcc 120  
accaacctgc atagcccaaa tccaagtgat gatggagcag atacgccctt ggcacagtgc 180  
gatgaagagg aggaaagggg tgatggagng gcagagcctg gagcctgcag ctagcagtgg 240  
gccctgcct acagactgac cacgctggct attctccaca tgagaccaca ggcccagcca 300

<210> 1124  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1124  
gggtgacttc ctgtgacctc caaaggaagt ctcagctctg ctagaatggg accaaagccc 60  
agctccacct tgaacttgtg tcatagcctt gcttcttgtt ccctctcctt agccgggagc 120  
atgccttgtc ctttgataaa ggcttcctgt cacctcctga gggctcttgt gctttttgca 180  
gggtgatgcc attaccttta ccgctgtgcc tcccgcatt gctctgttca cacgctgtcc 240  
gccatctgcc tgcaagggcc caggcagggt cttactcatc attatgtcat tgcttcaata 300

<210> 1125  
<211> 287  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(287)  
<223> n = A,T,C or G

<400> 1125  
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ggtgtctgag gaccaggtgc cagcaggtg gtgggggtac agacaagatg ctgggatgct 120  
ccctgccccca tggtaaggg tggtctgctt gcctnttcc annctgann nactacatg 180  
gaatccctan antnttntat ttttntgna nanantgng ngttttattt tttntntnta 240  
nnngnntnt taatgntntn nantattatc ntntatnct tttttt 287

<210> 1126  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1126  
ccctgccctg ggtctggccg gcggaagctc tgtccaaggt ccacacacct ccaggtttac 60  
gccaacatcc ttgtgccctc cccaccttct cttccaacgc attaggtgca ttgtttaatt 120  
gaaatccaac caacaattgt gtgtcaaggc tggtttggtg cagtggctgg gcaaattaat 180  
tttgggccag gatgggggtg ggttgcagtg agggtaggga aaatgtcagg agtaggaagg 240  
ttcgggggtt aagggaaggg aagggaagacc agaactggcc atcctctttt ataatccatt 300

<210> 1127  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1127  
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taaaaagtga aaagaggcca ggtgtggtgg ctctgcctg tgggtccagc tactccggag 120  
gctgaggcag gaggatcatt tgagcccagg ctgcagtgca gtggcacgat cacggctttc 180

tgacgccttg	acttcctggg	c	gacgg	agaccctgtt	ttttaaagaa	a	cagag	240
tacaaaattg	tatatgctat	at	tcacaa	ctataataaa	tgatctgtag	at	aatgag	300

<210> 1128  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1128								
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tggctgacct	ccatagtcta	ggatactgga	gatgaggaac	tggagaaggt	gcttaaagag			120
cacatctgtc	tggtagagga	cacagagctg	tccttcaagc	atttgaacga	tgttctcatt			180
tccttggaat	cttctcctct	ccaggctcac	atctctagct	ccttcaatga	ttcctcttgc			240
gacatcattt	tagttctctt	ccccaaccta	gtctttttgc	ttttaatgaa	tgatcactga			300

<210> 1129  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1129								
catccctgac	agttggataa	taggttccag	gaagtccagt	ggaaaattaa	aacaaagcaa			60
catttatagc	tgattgaact	tgaaaagcca	ttttgggtgt	gaatggcaaa	tatgtggact			120
tcagcattcc	tgagacctga	tgcatccgc	tggatggccc	tgttcctgtg	tacatgatgg			180
cctggggact	cagcagtgtg	cagggctact	tccttttagag	ggtgctttga	ggaaagaagt			240
ttgctgccac	ttacagaagt	ccccttccca	tacagtgata	taacacaagt	accccatgtc			300

<210> 1130  
 <211> 250  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(250)  
 <223> n = A,T,C or G

<400> 1130								
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aaaatgggcc	tagaatgtgt	agatattctc	agcgatctct	ttcgaagggg	actcatacat			120
gtcttagcaa	ctattttagn	ccatctcngt	gacatggnet	taattcacnc	gtgtntaaag			180
tgannacntc	ttggaanatg	gatnctanan	gannatangg	cngctttcta	ctntnnnant			240
nttnnnngcta								250

<210> 1131  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1131								
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agaatgctgt	gagggttacc	atgttgaatt	tgtgcagaag	ctaaaagcac	cagatgtgcc			120
agagatgcaa	tttgtgatta	tgtttgcact	ggattgtgat	ttgaacagga	cacttataac			180
taatgagttc	tttcttttga	ggtggggaga	gggttgtaaa	tcaagacttc	ataccctatc			240
cttgtagctc	ggaaattgag	gtgtagctta	ggctgatgcy	gagagctgca	gacagctgga			300

<210> 1132

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1132  
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 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120  
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcatTTTTat ccctaaactt 180  
 agtaccaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240  
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat ttttccctca tggaacaagg 300

<210> 1133  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1133  
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 aaaaaaagaa actcaaggta cagtgggtggg agtcaaaaaa gcataaggag aaaaccaaga 120  
 ctgaaaactg ttattgagct tagtctgtgc ctagtccagt ccctagcatt ttacaagttt 180  
 tctctgagtt aacaaacttg tgggggaaac tgaggctttc agatgttgaa taacttgtgt 240  
 aagttgtaga gcaggttctt ttccatagtt ccgcattttt tacctgcaat acagcaatgc 300

<210> 1134  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1134  
 gtgctgtctt gcgcttgccg gtggcctccc aaacccttag ggatacctgg ggccagctgg 60  
 ggcagtctct gtctcgacct ccttttccat ttctggctag tttaccgac tgtttcatcc 120  
 ttaggccagc tgatgacctt ggccctctcc tcccagatc cctgcagctt ccaacagtga 180  
 ggccctccag cagtgaggct gctgattttc atggcctggc tggagctggg ggcccaggcc 240  
 aggagcagcc ccaggcaaaa atcacctccc gctgctcttc cctgccactc agtacttttt 300

<210> 1135  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1135  
 gtaaaacatg taatttggac atgcaagaca atgctgctgc caactaacat tgcattgatt 60  
 cattaagatg ttatttttga ggtgttcctg gtctttcact gacaattcca acattcttta 120  
 cttacagtgg accaatggat aagtctatgc atctataata aactataaaa aatgggagta 180  
 cccatggtta ggatatagct atgcctttat ggttaagatt agaatatatg atccataaaa 240  
 atttaaagtg agaggcatgg ttagtgtgtg atacaataaa aagtaattgt ttggtagttg 300

<210> 1136  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1136  
 gtctcgcttt gtgacgtagc ctggtcttga gcgatccttt tgccttggcc ttgccaaagt 60  
 gctgggattg gaggcagtag ccactgcacc caccctgtt tttatttaa gtaaaccatt 120  
 ataataactc atttataaaa aggttacttc aagagggtt tcaacttaag aattattttc 180  
 attttgaaca tgaaaagtta aatagtaact aagaaactga gaactctgac agtgacctct 240

aataggtaac tttaggcaaa a tacaag tttgtgggta ttttgttgtt c taaaa 300

<210> 1137  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1137  
gtttatgaag aagctgtttc gtgtgtacag ttgtgtctgt aatttagcca gcagtgcctt 60  
gccctgccct gcagtgtctg cacagctccc actgcttctc tttgtctgtg ggcacgtgag 120  
gcatgacttg gagggggggc tgggtgcctgg ggacctgctg aagagaatgc tcaccaccag 180  
ctctctgttt ccctttctgc tttggtaatc aacacgtgtt tgcttgcagt ggccgggacc 240  
gtgactgttt ctgcccttgt gcctagttaa gagccttcaa aagcataatg aacacttttg 300

<210> 1138  
<211> 297  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(297)  
<223> n = A,T,C or G

<400> 1138  
ctgagatcgg ccactgcact ccagcctggg tgacagagtg agactccgtg tcaaaaaaaaa 60  
aagtcnaaa ctgtttgnct tnattnaggc agnaaatatt nnanttcggn atgacctgnc 120  
atgnanccag taaggccttt acaaatnaca tccnaaacia atacanntca natgancaaa 180  
ntanggccca aatgaaatga cntctnnntc tntgctatgg cngaaactna tnangacnta 240  
tggaatcana gatagctaaa gttcattatt taaagctnta ctcccatgag nattatg 297

<210> 1139  
<211> 289  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(289)  
<223> n = A,T,C or G

<400> 1139  
atccagtagg tcttggggaa catgggaatc tgcatttttt ttttttnac ngcnttgctg 60  
ttcatcatca agnanttcag gncnctaggg gnaaaaaact tntttnaaaa tgagggagng 120  
nttngcancn tnnngtnattt cnttttnaat ngaatnngtt nttntnaaat nccaggacca 180  
agnnccaaag tcancagtaa aattcanctg ngtncttttt naacgacctg naaaataagt 240  
ttatgaccnc tntncggatn caaatngtnc aaaacccaaa nggccatat 289

<210> 1140  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1140  
gtatagcgcc tcatatgaac atgaattcat atgtattatt tcatttatct tcacaacct 60  
ccagagatga ggagatgaaa actctaagac ctcccagctt ccaaatagca gagccagtcc 120  
tcaaatttat tgctagccc aaattctgtg cttcttcacc caggccacat tgcttcaca 180



tagtttcct	tcagttgtaa	gagaaa	agtaggactc	cagaatcagt	atcat	240
aaacagctca	gtacatgaga	gggttggtg	agactggaaa	atggatggga	ctgactgtg	300

<210> 1141  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1141						
attattttaa	agtcttattg	aaactgaatt	caaaggggaat	gtactatgct	cccaggaaaa	60
agacataatt	gagagcctct	tcctcttggt	ttttcactta	tcatgagttc	tggtctttcc	120
ttagcactgc	tggttctggt	tatccccag	gcttctcagc	tcagctgagg	gtgtgagcca	180
tcgtatgttg	gggaactagct	accagctaaa	ggccacgttc	tctgtgctgt	ctagtacatg	240
agcaacagag	ggaagaagtt	gtgtaattgt	aagaacttgt	cacctttcat	ctcttttagt	300

<210> 1142  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1142						
ctgatctcca	gaccataag	ggagatgctg	agtagacaac	tggggcttat	gggtctggag	60
ttcagaggag	agatcgggaa	ggtgtccatt	tggagtcac	cacgcagaga	tgtgtgaagg	120
ctgctcaatg	attttgaggt	ttaaagaaaa	aaagagatgt	gaaaccaggg	gccctgatga	180
ggctgcccag	gtggtgaagga	agacagaaga	gaagccatgg	gacagctgag	cccgggcacc	240
ctcaagcctt	ggaggcatga	agtttggtgg	ggatctggca	aagaacacct	gggagcagcc	300

<210> 1143  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(189)  
 <223> n = A,T,C or G

<400> 1143						
gaaacagaca	aatctgtaat	aacggcctaa	ttctgtgtct	gtgataagtt	tcattactgc	60
ccaataataa	aaaatgtgta	ataattat	aatgcaatt	gttcatttcc	aacaatttct	120
tttttttttt	tcccnanacc	cnnantttta	aaaccctggn	tnaanggttg	aaaangggga	180
nngggtccg						189

<210> 1144  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1144						
agcagctgca	tctaggggccc	cttggtgaga	tttactctca	gagcctggtc	gcccccggtt	60
agcccagatt	caaaagggtga	acatctgttt	gcagaatctg	attcatgaga	aggtgagttt	120
attgttttca	gttttagactt	ttgggaagtt	ggactagaga	ggggagttgt	tgggggtcagt	180
gctggcttaa	cagaaaacac	agcgaatttc	ccctccagtt	ctccccaagt	ccactgaaca	240
aggctagttc	ctgcaccacc	caggattcaa	aggaaagacg	aaggagcag	aacttggtggc	300

<210> 1145  
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1145

gaatattaag	ggtattcatg	agaggcaagt	gataggttac	tagggatgga	ttgtgtggga	60
gaaataatgc	agaggaaatg	atgatcatct	ccattgaatg	acagctgtta	tatagcaaag	120
ataaatgtaa	aattagtctt	attcttggaa	gtggaagaca	gcagttatca	gagaggagaa	180
tttaaatcaa	agaatcagaa	tagcatggtc	acaggccaga	ttcacattga	agtatttact	240
ctatatttta	ctgctgttac	attcaaaatg	tatcagaagt	ctcatgggtc	aattaataga	300

<210> 1146

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1146

gaacaaatca	cttaaggaga	aagtagaaaa	aaagctgtat	tttaacaaag	aggtatttcta	60
atcggcaaga	caatgaccaa	ccattacgac	caaccattat	gagaatatag	cttagggacg	120
tttgtgctca	gctcctcttt	tacccaatgt	caatgcctgc	ctcagtgtat	tttcttctgg	180
aggagagttt	tgtggatgcc	atctttccgt	tacggaaaac	cagtggagga	atgggcagtt	240
tcttgccatg	acccaccatc	atttaaacia	ttggtgtttg	agttcagaaa	taagctcata	300

<210> 1147

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1147

cctgcctcag	cttttcaagt	agctaggact	acagggtatac	tctaccacat	gtaggctaga	60
ttattttctg	tagagaagag	gtcttggtta	gttgccatagg	ctgggtctcaa	actcctggcc	120
tcaagtgatc	ctcctgcctt	ggccacccaa	agtgtctggga	ttttaggtgt	gagctacagt	180
gcttggcctg	cataatttta	taacttatat	attcaccatt	ttacacattc	agagaaagga	240
gttgtaacaa	gacactttat	aatatagact	aagtcatttt	attgacagtg	tcatgaaagc	300

<210> 1148

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1148

ctttgggatc	tttagatgaa	tggtatcata	cagatgtgta	ttattgctaa	ttctttgttc	60
tcaatcactt	gttttcaagg	acactaaaat	ccatgtagcc	cctaaaaaag	ataaataagg	120
gcaagtcact	tttcttctc	cagtcacaga	ctaaagaaat	tatttcagat	aatatatagc	180
ccttcagcca	tgggagcagg	aagtgtttac	tgctcaagtc	agggctctcag	ttggtaaaat	240
aaacggaaac	ttctgggtta	gttttagggc	cttctttcaa	ataaaaactt	cattttctct	300

<210> 1149

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (300)

<223> n = A,T,C or G

<400> 1149

gagaggaaga	agcagctgac	a	catgc	taagagggaa	acgtctaaaa	t	atgaa	60
tttatgaaga	ttaaatttgg	ga	ccatga	gaatttagaa	tttctcgaaa	ct	aaacat	120
gaggtacctc	agcactttct	taccagcctt	ttaacatggg	cctccactgg	gtgcatgtga			180
gaaagactgg	gatcagagaa	aagaacctga	caagctccac	cccctgtgtc	ngaggtgcag			240
gaatgcaaat	gagactacag	tattcaaatg	gtgctgctgg	agaacagaca	tgaaatccag			300

<210> 1150  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1150	
agagggttgg	tgaaaattca gacagaatgt aacttgacaa agagaagaca gcaacaactg 60
taacaattat	cttatgaata tttgcgaaac tcaaagggat ctgattggtg acctctgggc 120
tttatcaaat	taacatcaca acttctagaa gaaagtcaac cttcatcttt tacaatagaa 180
atcatatgtt	ttgctaaccc attcctatgt aggctgaaaa caattaagag ttatgggtac 240
ttaaaaaaat	cattatgttt ataaaattag tgatagaagg agcatagtgt tcatacagtc 300

<210> 1151  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1151	
ggttactccc	aggtgaccag gtggcctgta ggaaaccaag ggctgctata tgaccggagc 60
tggatggttg	tgaatcacia tgggtgtttgc ctgagtcaga agcaggaacc cgggctctgc 120
ctgatccagc	ccttcatcga cttgcggcaa aggatcatgg tcatcaaagc caaagggatg 180
gagcctatag	aggtgcctct tgaggaaaat agtgaacgga ctcagattcg ccaaagcagg 240
gtctgtgctg	acagagtaag tacttatgat tgtggagaaa aaatttcaag ctgggtgtca 300

<210> 1152  
 <211> 104  
 <212> DNA  
 <213> Homo sapiens

<400> 1152	
agtgcaccca	tgcgtttttca cttgtttctta ggctacttca tccaataata tatttgagta 60
gttctgaaca	ggaacacaag taaggagaat tttttttttt tttt 104

<210> 1153  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1153	
aaaaaaaggc	ggtgggggga aattatctcc acaaaaacaaa aagtccgaca ataagcaata 60
agctgtccag	ggctgatata gggcatgatg aggtcatcac agatccagggt tctttctgtc 120
ttctgtctctg	cattcgtagc ctgtggcttt gtcattccct catctggaaa tggcggctgc 180
agccccaggc	acaatggccc gttgaggaag aagggggacg atgtgcagtg tcaggttatt 240
ttatcaggaa	agttcaaagc ttctcagaaa tcttctgttg gaattctacc tgggtgtcat 300

<210> 1154  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1154

gacaaaagaa aagtatcatg ttttcaa ctggagacag tgactttaat ctttaagtt	60
cagagacaaa tttcactgca ctcttcag tgtttctgaa gcgtgagcat atgctaaa	120
cagttgccta tctcatcatt gtgttaggct cctcatattt tccttaggga aatgctatgg	180
agagttcagg tcagaatatt gtgttgtaaa tgttgccaca gtaaatacaa ccccgccctt	240
tactgttggg tcatctcaga tgaatatgtt tctaaagtca tgataaacca acctcatgca	300

<210> 1155  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1155	
cccagctccg gggcatcagc ctgagtgcgc ttgagctgct ccaaacctgg cccttcccca	60
ctcctctagc atcgccaccc gcatggccct ggaactcccg cggcggcggg ggcgggcccg	120
tgcttctgtt gccccgactt cccacaccag ccgcgccac cgcaggtggg actcaggttc	180
gccctctggg ccaggtcctt cagcaggagg gagctaccct tcgccagaag tttgtgagaa	240
tgtggccgcc cttttcctgc cctctgcccc atgtgggtgg ggggcctcgt ggcccgccg	300

<210> 1156  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1156	
aagaggaagg taagtagata aataggggaag taaaccaggt ttctaattca tgggtgaatc	60
cgatagaata ggtatcagat tagggattac aaaatgtatc atgggtacta aatatcagta	120
caaagcagcc acaataatat tgatttatgg atttaagtaa cccgaccaa ccttgatgta	180
tctcatcatg ttgaatttct gctccagata ataaagtatt gttcgatctt gtgcattggc	240
cttttatttt tcagaatgat tcaaaggatg gctttgggga ttcactgtaa gattttttgt	300

<210> 1157  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1157	
gtaccataag aaactttttc tgaaaagtgt attagcaaaa agaggactct tcagctttct	60
acttgtccgc gaactttgat gttctcctga aacctccatg tgtgtcaaga ttgggaaatg	120
ggagaatcaa gaatcagtag gtgttaggcc accgggattg cctgtatcaa aggaggagca	180
caaaaccaag ctgttctcaa tcaaaagtag atccaaaaca acgttttcac aaaagtccaa	240
agaaaagtat catttttcag gttttgcgaa gaggaaattg tggcgaacag aaaattggag	300

<210> 1158  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1158	
ttcattttta aaaagcttct ccttattatg ttgttgttta acaacttaaa cgctatctct	60
agaccaggaa taattatttg ctatatatta cagcaaaaaa tatgtatgta taaatggact	120
cattcaaaat atataaagaa ctccatttac aaagaaattg acaaacagcc cagtatatca	180
atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggc	240
atgagaaaac caaattttag gatatcacta cacacctggc atagttttaa agactgaaaa	300

<210> 1159  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1159

acaaagcata	tgtaccaaca	atgcatgttt	atattctgtg	ccatgccagg	ggcaaattca	60
tagttggcct	gtttccataa	gtgtggggat	ggaaccttga	aacacaggac	atctcataat	120
gctgtaagca	gggaccattg	aaattgattc	ctagagtctt	gttctacaac	ttctttaaaa	180
attactgatt	tgacagcagt	atgtattcaa	catttaagac	tttctgtcta	attttgagca	240
tacattcttg	actaaggcta	gcaattagag	attctttctt	taatttatca	gatattctatt	300

<210> 1160

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1160

ctctttttctt	gcttagtgat	ggcatccatt	ttaaggaaca	aacctggaaa	tgctgagcga	60
agaacacata	cccttcattt	ccaaagggtc	atttcccact	cttacttttag	attgacaatg	120
agttgtagtt	caaaggctgc	cctgcaggga	agctcatata	ccctataatt	taaagggcct	180
cagacgactc	ttgggaaact	tggtaaaaca	ttctatttag	agacatgcct	gctgatatga	240
catatatattt	tatagttata	cccctttatt	gctgggacat	aaaacctgtt	ttcactcaaa	300

<210> 1161

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1161

gttgtaggcc	tccttcatct	gttcattggc	tgtggcatta	ggccagctac	tctttgcact	60
tctgtaaagt	gagacggctg	atcttgtctg	cctctctaga	ggatggctgc	aggtgtcaaa	120
tgggtagtt	aggtgggagg	gcatttcaca	aagttaaaaa	atatgacttt	ggaggcttgt	180
tatattgatg	aggattataa	tccctgagaa	ttcctggtat	gaaaaaggga	aaagaagata	240
atttgtgaaa	gaaataagtg	tccagttact	agtctttgaa	aagggtcagt	ctgtagctct	300

<210> 1162

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1162

cgttcctcaa	aggggccctg	gttgtcacct	tctcccacag	ccatttccac	ccatcgttgt	60
ctagaatctc	tttcattagc	acattccaac	ccctctgcc	cttggttttag	aaatgagctc	120
cctggctcag	tgggcctttc	agaatctgga	accagacgga	ggtggagtta	agaagatagg	180
acagaacagg	caggcccagg	tgctatgggt	ccactgggga	gagaccattt	aattctccag	240
atgctttact	ccctgattgt	cttttagcca	ttattctttt	cgttttaaga	gacatggtct	300

<210> 1163

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1163

atttgattta	aaaaaggaga	aatgttcaca	ctcagtctag	accacttagg	tatgcagagt	60
tgcactctga	aagcaattgc	tcacactttc	cttaataatac	tccctctcca	cctttgcaaa	120
accttgattg	gcatggagcc	tcgactgctt	gcattgtata	cacatgtaat	aagaaagcat	180
taaatctctt	ggaaattagg	aattgacaag	ataaatagat	aaggcataaa	gccaatTTTT	240
cacacatgtc	cttaggctct	tgtaaatgtg	tgcttggtgc	tgctttgact	tcccagggtcc	300

<210> 1164  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1164  
 aacaactccc tacgtcctgt gtggggccct gcccaagtgg atgaggcatt ccttgaggag 60  
 tatcattttc cctgacaatc cccatcacct ttaggggttc cctgcttggc tcctttccag 120  
 ctgaaaaact agacctgtgc cattggggaa gctggacaaa gtctaggggg cccgcctggg 180  
 agagggtccc gggaagctgg atctgtcagc ctcggccctg aggccctgt taactcaaga 240  
 ctgtgagctg cctctaggtg gtcacgtctg ggagctagct tgtatggctt ctgaccagta 300

<210> 1165  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1165  
 gctgtttgtg caaatacctt gaaaactttg aaacttgacc ccggacaggc ctggtgccag 60  
 gtcctttccg acttttgtgt tttctttcca cctttcacta ctgactttgc ctctttccta 120  
 ccaggaatgg acagggccga tggaggtgaa gcggacagca gctgcactgc cctgtagaga 180  
 ttcccaggcc ctgcccactt caaagcacac aagcccacct tttcctcatc acatttcctt 240  
 ttgcaaccca gggaggcact caccaggatg ctgccaagaa ggaaacattt tattaacatg 300

<210> 1166  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1166  
 ataggataac aggaaaacca gggctgtagc cacagcctcc atattttcct aaaaatttta 60  
 gagtgtccct gctacttgac aaattgaaat actaagattt atacatttcc atggaaaaag 120  
 caacagtggg aaagagaggg cttcccagat ttgtcttata gatctcatcc ttcagagact 180  
 agccttctgt tagaaatgct gtctccaagc acaagacaga ataatcatat aataccaata 240  
 cacaccagt t gctaaggctt ccatcctttt aagtatttgt tactgagtgt tttgcctgta 300

<210> 1167  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1167  
 ctgccatgtc tagtgggctc ttctgggctc cgtcctgagt ttgtcacacc tcctagggcc 60  
 cagaggagat gatgtggtat ttctatcact aaaaggagtt caagaccagc ttgagtaaca 120  
 tgggtgaaacc ctgtctccac taaaaataca aaatttagcc aggcattgat ggcgatgcct 180  
 gtaatcccag ctactcggga ggccgaggca ggagaatcat ttcaaccag gaggtggagg 240  
 ttgcagtgc ccgagatcgc gctactgcac tccggcctgc gtgacagagc aagactccgt 300

<210> 1168  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 1168  
 ctgaagtgtt cctcagatct tagtatttac atctaaactc atctggaaaa aaatcatagg 60  
 agggtaaaga atatgaacaa ccttactga atttccatat cttatataat aggaatgaat 120  
 ttaacatgga cacaagtccc agtgatataa ggaataggca agagtagtaa ttcttcacat 180

cttataaagt gtaagaactc a tggga gaaaaatctg gttctaaggc a gtaaa 240  
gcctttgttt cttccactat tgg tttttt tctttttttt ttttgaaaca 290

<210> 1169  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1169  
accagagctg ggcccaggcc aggaaacagg caccaattcc cgaggaaggt cgcctagccc 60  
cattggggtg gggtcagaga tgtgcaggga ggaaggggga gagggcacgc cagtgaagca 120  
ggacttatct gctccccctg gctacaccct cactgagaac gtggcccggga tctcaacaa 180  
gaagctgctg gaacatgcct taaaggagga gaggaggcag gctgcccacg ggcccccggt 240  
tctccacagt gacagccact cgctggggga cacagccgag ccagggccca tggaggaact 300

<210> 1170  
<211> 273  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(273)  
<223> n = A,T,C or G

<400> 1170  
cctttttttt ttttttaaaa aaaaactatt taatttttta atttattttt ggttgttttt 60  
tgctcaatga agtttcagct tctcaacctt cttcccttcc cagggctgtg gaccagact 120  
ggccttgagc cacagtcctt ctttccctcc tccccctctt cccctgcgg gctcccgggt 180  
ctgtccattt gttactgtgc tgtgctgggg attggcgccg aggtggcggt agattccgct 240  
tgtgtagacc ttgtgantan gaagggttc caa 273

<210> 1171  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1171  
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cccagcctcc acccaaacag gggtacctgc cacactcaca accgcagacc tcgggtgagga 120  
atcaactacc tttcccagca gctcaggctc aactggaaca aaactctcac ctgcccgtc 180  
caccacctct ggctcgttg gagaatccac accctcacgc ctcagtccaa gctcaaccga 240  
aacaacaact ttaccgggca gtcccacaac accaagcctc agtgagaaat caaccacctt 300

<210> 1172  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1172  
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ttagtactta atcctttagt cttaataggc agtgatggga tattacctga gagaaacttt 120  
ccaaaatgag agtgcctgc catttcgttc attttgtgtg tggttcatca tgtcccaaaa 180  
gttctgcat ccactctatc aggaggcaga aaggagcat ctgagacctt atactgcctg 240  
catgcagaag tggctctgct gggtttgttt ctgtagtgat gacactttga atgttttttc 300

<210> 1173

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1173  
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 cttctctact ctccaaccct ccctctgtcc tgttgggctg ggaggcagga cattggtggt 180  
 ttaatcatgg actctgaaga gtcactgcta gctgagtttg aatcccagca ccctaattac 240  
 ataggtgccc ttgggcaaga tattttactt ctctgagctt cagctttctt acctataaag 300

<210> 1174  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1174  
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 ggaagaggga ccagcacagg tccaagtga aactcagaat ggaatttttag gaaattatat 180  
 tcttcatgat ggtagatcc tgtgggctat catcactgca gttcaacaat gtggtgccta 240  
 gtaggaagag ttctcccagg aaccctccac gtgtgctatg ggattttctga gaaaaccagt 300

<210> 1175  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1175  
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 gcatgggcca tgagcgggca ctcccaatac agcttaccgt acaggccttg gacatgccgg 180  
 aggagggtga ggaacctggg gtaagccaca ggggtgtgga ggggctgtcc ccgcgtccgc 240  
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<210> 1176  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1176  
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 gctatcattt ttcattttcg tttttgcagt tgaacatact tttttcactc agagagttgg 120  
 agggacttgc ccaagactgc ccaatggcaa tgagatttca acctcaaac aatgttcttt 180  
 ttaatgcaag atgataaaga gtaggattta gcctaattta ggatagaata aagccaaata 240  
 atttaggata ggttcttttg tgttcatggg tgtaatctaa tgcccatgat gcaagtggca 300

<210> 1177  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1177  
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 gaaaataatc ccactcctga agtgatgaaa tgaagagtgg ctagagagga gaaaagaacc 180  
 aggacagggtg atatattagc aactgtcagt gtgaataatc cagggtatga catttcta 240



ttagcctcac atttaaggtc a      tgatt caacctcaaa tgatccttct a      actgc      300

<210> 1178

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1178

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ttcagataaa	aaccagccac	caggcatatg	gagataacag	ggctgaactt	aggagaaaag	120
cctggggttga	aacagagatt	cggatatcct	cagtatgaag	gtgatagttg	aaactgggga	180
ctggatgacc	gaaagagatc	acccagaaca	ccagtacaga	gaggagagag	ctgaggatgg	240
aattttggga	cataggtgct	tctacagcac	atggcaccaa	cctctaataa	tcacaccact	300

<210> 1179

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1179

ggagaccagg	tgggagccac	tcacagaaat	cagtaacatg	aaaaccacag	ccacaaaacc	60
accactggca	ctcaacgccc	atcatcacgg	gcaggacagt	tctacatcat	ctccctccgg	120
cctgaggctt	cccaggcagt	gtgggaaggg	gggctgcata	tccctggctgg	ggttcacacc	180
taagtttcct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	caccctggga	aaagtgttgt	ctccgcacac	300

<210> 1180

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1180

ggagaccagg	tgggagccac	tcacagaaat	cagtaacatg	aaaaccacag	ccacaaaacc	60
accactgtca	ctcaacgccc	atcatcacgg	gcaggacagt	tctacatcat	ctccctccgg	120
cctgaggctt	cccaggcagt	gtgggaaggg	gggctgcata	tccctggctgg	ggttcacacc	180
taagtttcct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	caccctggga	aaagtgttgt	ctccgcacac	300

<210> 1181

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1181

caaaggtgat	ctcaggaaaag	gtctaagcta	gtttacagta	tgcccatttc	ctgtgtaaac	60
catttaattt	aaatgactct	gcttgtctca	ctgttatgat	aaatttgtgt	ggtagatcgc	120
agcctgttag	ctattactgg	aagttttctg	cttttattac	aggcctctca	aataggtagg	180
ttttaacatt	ttattggacc	ccctgcccct	tcccaatttc	aactattaaa	tccttaatt	240
tgttgttttg	gttatgcaga	agttagtatt	caggttatat	ggttcccaat	gagtgaggaa	300

<210> 1182

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1182

gagatccaag	tggttttagaa	ggggatgatt	gctggtgaag	gttctgaaca	tggtgacagg	60
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tgaggagctg	agcacacact	ccaccgc	tgaggaag	agaaatgact	tgaggact	120
acaatttga	gataacacaa	acaaaaa	gaagaaaaa	ttgtatccct	ttgactaa	180
gcaattctag	gattgttatt	tttttctct	gaggaaacta	gcatggatgt	tcacattcag	240
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<210> 1183

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1183

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ctgtgattta	ccagctgtga	gccttgggg	tgctgcttac	tctcttggtg	attctttact	120
catttctatg	atggggtaga	ggataatgcc	tatgcttaca	aagtggctgt	gggaagtaaa	180
ccggatggga	taagaatggc	ttgctgtgga	ccacaggcac	cgaggataa	ccattcctca	240
gaactcctcg	tactgctcta	gtgcttggag	gtccgtgtat	tacctcagct	attccaaccg	300

<210> 1184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1184

atacgatggg	gtgcttggtg	gatggggccat	ggaggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgcccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagttgg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tggtggggct	tcatgaacta	ggatgaaagg	aggcccctga	240
gccatgacaa	ggggcacatc	caggattttcc	gccaccctga	atttagtaga	gctagtaggc	300

<210> 1185

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1185

ctttaggttc	ttgattatgt	caactgtaata	aagcaaccaa	tgacctttc	atctgtaatc	60
agtaaaattg	atctacacaa	gtatctgact	gtgaaagact	atttgagaga	tattgatcta	120
atctgtagta	atgccttaga	atacaatcca	gatagagatc	ctggagatcg	tcttattagg	180
catagagcct	gtgctttaag	agatactgcc	tatgccataa	ttaaagaaga	acttgatgaa	240
gactttgagc	agctctgtga	agaaattcag	gaatctagaa	agaaaagagg	ttgtagctcc	300

<210> 1186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1186

ctgacctttg	tagagaatcg	gaccttcgac	atgcaatggc	caattgtttt	gaagcgtaa	60
taggagctgt	ttacttggag	ggaagcctgg	aggaagccaa	gcagttatatt	ggacgcttgc	120
tctttaatga	tccggacctg	cgcgaggtct	ggctcaatta	tcctctccac	ccactccaac	180
tacaagagcc	aaatactgat	cgacaactta	ttgaaacttc	tccagttcta	caaaaactta	240
ctgagtttga	agaagcaatt	ggagtaattt	ttactcatgt	tcgacttctg	gcaagggcat	300

<210> 1187

<211> 300

<212> DNA

<213> Homo sapiens

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<400> 1187
aatatatcac atcatgtaat aaattctctca gagatgtagc attgagcaga ttggcctg      60
atztatagaa aaattccacc ctggccatgt gggcctgaaa ctctggaggg ctttaacaat      120
gtcttgaggt cattgtcatt taaagagatg actcattggt tttatttagt agaaataaat      180
actaaataaa taatctccac agattatcca gaggggtaag ttgaaggatg ttgacagata      240
actcagtaaa ttgcgtctca aatattaata agttttattct atgccagcac caaaaatatt      300

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<210> 1188
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1188
agtgattaag tctcactaga ataggctttt ctaaattggt ttatctcatc ctcattagaa      60
cttcaccaca tgtgggaaat catgtggcaa aactgtctct cttaaaaaaa aagtcaccaa      120
ggaaacctcc ttctgcaatt taagaaataa aatcccagtg acattgattt ggatgctcca      180
aacatgtcca taatggaaga gcttttccag gttttgggtt gggcccccca gaccaaagct      240
ttgacacata atacaagctc tgtaagtctg ttttctgtc tgtaatttgg gattgtcatc      300

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<210> 1189
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1189
gttttgactg gtactgtttt cattgttatt taattttgtg ttttttaact tctttcatga      60
tttcctttta actgaagggt ttcttagata tttagtttgc tggatatatt ttttaaaatt      120
gtatcattgc tttctttcta tattggatta ttgtcagaga acatgatttg catgatatta      180
actttttgga gtatattggt gcatctttgt ggcctagtag atagttaatt tagtgaatgc      240
ttccagttgt acttgaaaag aatgtatat ttctgattat tgagggtaaa tttctctata      300

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<210> 1190
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1190
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gactagagaa caaactaagg ttgctgcaac aaacaaggac ctcttccaag aagggtccc      120
aggcctggcg cagtgactca tgcctgtgat ccagcactt gggaggccga ggcgggtgga      180
tcatttgagg ccaggagtgc gagaccagct tggccaacat gatgagacc cgtctctatt      240
aaaaatacaa aaattagcca ggcgtggtgg cgctgtagt ccagctact caggagggtg      300

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<210> 1191
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1191
ggccaagcat cactgcacgt gccagctccc caaacggctg gtaagggggc ctggatactt      60
aactgtaact tgcaaatcgt atccctagcg ggccaacac aaatcctgga gaatcagagc      120
tggggtggcc ttggaaactg gcaagtccag cttcatcttc acagggttag ggaaacaggg      180
cccaggaggg tcgccctgcc agggccacac agggaggagg tgtgtggctc catgtggcct      240
caggcctgaa ttctattatt attattatta ttatttttga gatggagtct tgctctgtca      300

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<210> 1192
<211> 300

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<212> DNA

<213> Homo sapiens

<400> 1192

gggccacgac	taccaaattg	gcccctaccg	caagaacctg	ctatgctacg	accaccggac	60
agacgtgtgg	gaggagcggc	ggcccatgac	cacggcgcg	ggctggcaca	gcatgtgcag	120
cctgggtgac	agcatctact	ccatcggggg	cagcgatgac	aacatcgagt	ccatggagcg	180
cttcgacgtg	ctgggcgtgg	aggcctacag	cccgcagtgc	aaccagtgga	cccgcgtggc	240
gccgctgctg	cacgccaaca	gcgagtcggg	cgtggcagtg	tgggagggcc	gcatctacat	300

<210> 1193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1193

tgtaggggtg	tgtaggggtg	tggggattaa	gatctgctga	gtaggtgctt	accagagtta	60
tactgaagga	cctgaagaca	gatcatcttc	acataatcag	catgacccat	aatctgtgat	120
gtcactgagc	ttcttttatt	tctgtagtca	aggaatgtgc	acaagtaatg	caaataataat	180
tacttttagt	cctgaggatt	agggaaacttg	ggggatgttc	acattacctg	atgatgtcaa	240
tattgtgtta	tgtttaat	tttttaaaaa	agatgcttat	ttattactga	aataatctaa	300

<210> 1194

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1194

aattgataat	aattagacaa	actgaactaa	atTTTTTTTaa	cagatacctg	agtgccaaagc	60
ttAACagata	cctgagtgcc	aagcataata	aacaggaaat	atacacttca	aaaaagaaaa	120
agaaaaatga	atgcatactt	atcaaatact	tgctgtaaga	gcattaagta	ctttacataa	180
gtcaaatcat	ttaatcctca	tgaccctaag	aagttat	ttt aagatctttt	gagaatgaga	240
aaaaaggatg	agtaagggta	ggtgatctat	gtaaaacaaa	taaattctag	taactggcaa	300

<210> 1195

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1195

gccacggcgc	tcggcctgaa	TTTTTTTTTaa	tacttaattt	agatcaataa	cttcgactgg	60
tactgaaatt	tgactcact	ttcagcttac	agtttgggta	ggactgctag	accagttct	120
tttgtcatct	cattcttaga	gagctcttga	aaaccaaagt	attttaaacc	ctgcaagttt	180
ctgtgcagat	gagtgcaa	ttccacccag	cattgggtcc	tgagtaatta	gaggaaggaa	240
gccatgcaaa	agctgctatt	gcccaggctc	cagaaaaaca	tcagtgaagg	tttgattcca	300

<210> 1196

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1196

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atctctcttt	ttacaattgg	ggagctcgag	gtcagtttg	gtcatgttgt	aagtcctgt	120
ggagttgggc	tccaaccag	gtcagtctgt	ttcccaaac	ccttctgttt	gactttgccg	180
ctgaagaaga	tacaatgaga	tgaagagtct	tgggcatgat	ggcacacagg	tcatcaggaa	240
gaaggccatc	aggaagtgtg	actagaggtg	ggaggggaga	aggaattagg	ggatttggaa	300

<210> 1197  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1197  
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 ctatccaagc atgttgggggt ggaaggggaat tgggtgccag aaaatgggac tggagtgagg 120  
 aatatctttt cttttgagag taccocccagt ttattttotac tgtgctttat tgctactgtt 180  
 ctttattgtg aatgtttgtaa catttttaaaa atgttttgcc atagcttttt angacttggt 240  
 gttaaaggag ccagnggtct ctctgggtgg gtactatnnc gagttattg 289

<210> 1198  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1198  
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 aagttgtaga atttaaagga ggtgaagtaa ggcgatttct atggaaaata tatttttctt 180  
 ctttactcct catgctgagt gcataagaat ttattatttc ccctgaatgt tcaaagtggg 240  
 gtgtgtgtgt gtgtaaaaga accaggagca aacaatctta ataggaatgt gcgatcttgt 300

<210> 1199  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1199  
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 gttgttgagc aattttgttt ttttttaaaag caggggtgacc tgaaaatgct ttgttagagga 120  
 catgggtttg ggccgcccct tgaaatgctg gggaggattt gactccttta ctgtcgagga 180  
 gggggaaggc cattgccaca gttgggacag tggcacaac tcaaaaggaa ggaagaacta 240  
 ggtaatttga aaaacagaat aaaccaattt ggctggaaag tgaggtcttg tgagaaagca 300

<210> 1200  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1200  
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 ctgctgcagg actgcgggggt tcatgtccag gtcgctgagg gcggcgcgcc cgcagagttc 120  
 tatctccagg tggaccgctt cagcctgctg cccacggagc agccccggct acgggtgcct 180  
 gggtgcaacc aagacttaga tgttcagaaa aagctctatg actgccttga ggagcacctt 240  
 tcagagtcca cctcgtccaa tgcaggccta tcaactgtccc agcttctgga tgaaatgcgg 300

<210> 1201  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1201  
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gtccctgcgc tcaagctaca caatctgatt agtgaagtat tactaataca ctgaaaaaat 180  
atacatagta attaccaaat gactgacaca attttatagg gggttcagag aaacatctgt 240  
gaatgggtaa taatgaaaaa agaaaagttt ttctctttgt ttagtctga cccttttaac 300

<210> 1202  
<211> 148  
<212> DNA  
<213> Homo sapiens

<400> 1202  
cttctgtgc caggggaccg tggagaaagt gtcaggggcc gctcactgca gcagcctgct 60  
ctgctgcctt ccctggcagt gttctggggg tggattccct acacctagat gttcaaggcc 120  
ttacttttcc tcccacaaag gattcgca 148

<210> 1203  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1203  
cagaaaacta gcagggttaca ttttataggc tattgtagtt ttatttacca aatgatattc 60  
tctaaatcac ttcgaccaat aaatgtattc tctccttaa agcagagttg tatcaactct 120  
gtgggagcat ttatgagctg tcagtcacca cacttctagc cagaatcaca ataaggctctg 180  
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat 240  
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<210> 1204  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1204  
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gaaggtttg cattgaaaat gtgctgttgc tccaaagaaa aattagcaga ggacttgaga 120  
tttagaaaag tctcctttgt aatgtgcatc attaccagtt atctaaagaa aaacatgtaa 180  
aagccaacaa aacccttgaa aatattttgc atatggatgt ctgtttcacg tttcaactga 240  
agatgtatag agcacctctg atgatgagga agataccatg ctaggcagta ctttcaagaa 300

<210> 1205  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1205  
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aatctgaaga agattacctg gtcattgatc ttgtccgtgg gtttggtttt cagataggag 120  
ttaggtatga gaacaagaag agagaaaact tggcgctgac cctgttatag tggttatagt 180  
gggtgcccta aaggaggagaa atgatttcag caaaactggg tgaacagcgg atgaagatat 240  
ggaattcaaa gctctaattg acctttttga agagaagttg tggcttatgt ggagtttaca 300

<210> 1206  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1206  
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tgtttatagt ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata 120  
caaaactctc ttcctttagg gctactgagt cttgattcct gatcatcaga aatttcacca 180  
gaaacaactt gcttccaata tacccaattc tatatgaaga attcatggag agtgtactgg 240  
cactggaaga gtttagtggt tcttgtatgc ttgaaaataa agtatgtact gttttgaatg 300

<210> 1207  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1207  
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ggtgggtgta cattcacact gttgcagggtg tgcagggttg tggtacacac attcacactg 180  
ttgcaggctt gcaggtcggg ggtgttacac acattcacac ttgcaggcgt gcaggtcagt 240  
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<210> 1208  
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<212> DNA  
<213> Homo sapiens

<400> 1208  
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gacttagata cgagaacggg taaagggtac tggataaact tgggatataa gattgtcttc 180  
ttttatgcat accactcata ccaactggtg gaaatttcat ttggaattac tccctagggc 240  
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<210> 1209  
<211> 215  
<212> DNA  
<213> Homo sapiens

<400> 1209  
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ctaggtaacc cccctgagat ttctcatcct cttgagaatc ctgtgagatg atcctgctgc 180  
ccttattttt ccagatggaa aaacggatta cccag 215

<210> 1210  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1210  
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gccttttcca ggggcagggc ccaggagacc attcccagaa tccatggggc agtagccagg 180  
gtccggctg ctggaggaag cagctatcca caaagcttcc tgccccagag ctgaggctga 240  
ggccccggga gaggcggccc ctacccaaac actggctgct ggcattccac caagtgacct 300

<210> 1211  
<211> 300  
<212> DNA

<213> Homo sapiens

<400> 1211

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aactatatac	agcacttcaa	gtttatttat	tgttaaagcc	tcattgtaa	cacgtcattc	180
tgaaaatcat	ggaaactgca	catttgtgca	ttaaactatg	taaacaacaa	aaactgggtca	240
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<210> 1212

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1212

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catctaata	gtttatctttt	gtaattgctg	tgaacttttt	taaataagcc	atttagtggtg	180
aaattgtcat	gtatcaaagt	gctattggaa	atggacttta	ctcaatttta	attccactgt	240
aaataaggac	ggagtcattc	ctacaaggct	ctcttcagag	aaatagatta	aaagtccaat	300

<210> 1213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1213

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cagggaaaagc	accgctgatg	ggagctgctg	aagtttctag	gggagggtgaa	ggaggcgct	180
cctcccctgg	tctaagtggg	agatgggtgca	gggagaggag	aatttcattc	tgtggcagca	240
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<210> 1214

<211> 299

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1214

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gtgtgtgtgt	gtatactcac	caattcttta	tttattnaac	ngatatttat	tgaatnttta	180
ctatgnggga	ngnatanttn	angagcntgn	ntntanctta	gncntcancc	ntggcttann	240
gncncnggan	tctnatgnag	atccnaganc	gntngnccnn	atcacnntgc	tttgcgcct	299

<210> 1215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1215

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actttctcca	taaatgttgg	cttcta	tgtttgtttc	tcacctttac	a	tctgg	180
tgatcataat	catcccaggc	accttgtcgc	cctcctgttt	gctgaaggaa	tttttcaaaa		240
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<210> 1216							
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<212> DNA							
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<212> DNA							
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<210> 1218							
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<212> DNA							
<213> Homo sapiens							
<220>							
<221> misc_feature							
<222> (1)...(290)							
<223> n = A,T,C or G							
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<210> 1219							
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<212> DNA							
<213> Homo sapiens							
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gtatccaagg	ttagagattc	gggagctggc	caacatctta	caccccaa	gactgaagca	240	
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<210> 1220  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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 aggattagaa ttcttgggtct cttaacctct cgttcagttt tttcctcgtc gactcacatg 180  
 ccctccaaat gaataccgaa gtttagatttt gcatattaaa ttgaaagaaa gttaaaagcc 240  
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<210> 1221  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1221  
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 cagcatactg tgctactttt cgacaagatg gtagattgct tgtggctggc agtgaagatg 180  
 gtggagttca actttttgat ataagtggga gggctcccct caggcagttt gaaggccata 240  
 caaaagcagt tcatacagta gattttacag ctgacaaata tcacgtgggc tctggggctg 300

<210> 1222  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1222  
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 ggtgggagag aaaggtgcgt gtgagacagg agaattgtct taagcatata aaacatgtat 180  
 gattccagaa ttttagtatg ttttgtataa aactattttt cattacggag actagaagtg 240  
 aacagagaat tacacaagtg tgactataca aattgtaaaa cagatactat aatatttcct 300

<210> 1223  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1223  
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 atgtcacaga cattgatctg tgggaaatac tgtgtgctac tcctgagaaa accctatgag 180  
 aaatttttaa cttttttgct gacaactatt tatgacttta ttcaacaaag tgaaacaaca 240  
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<210> 1224  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1224  
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 atcaggcttc tgcagtgtc agagggcagc aatacccagc aaccagtgc cggaggccag 180  
 caacttcttt tacttcccc tcagttggat ttgtaacaga gtatctttgg tgggacactt 240  
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<210> 1225  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1225  
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 ctcttcggg taccagctgg acctgccc aa ggccaacctc ctcttcaaag gtaaaggctt 180  
 cggttccct acgcgggaaa caggcaggag gtgactcaac tctgagtga tgtgtgggcc 240  
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<210> 1226  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1226  
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 atattcatgc tcctgaagac tcacaaaata aaggaaactt tatccagctt tttccagaat 180  
 ttacttgcac atagactcca tttatatagc atgcctattg aactctgtaa atagtgcagt 240  
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<210> 1227  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1227  
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 cgcggggagg gaattccttc tttctgccgc ctgttacatc cctgtgtgag aaggctctgtg 120  
 agctgagccc acatcactcg ttctgtgtgc caggtgtgct tccatcttca ctgtggaaaa 180  
 gtcattttga actccccgga gactgcaaat taagtaatca aggacagatg ggactgggtt 240  
 gaccattcca aggagtacag ttacttgaag aatctggaag caataccgag cacatttgtt 300

<210> 1228  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1228  
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 ttttctaacy atccaccaga ttagggttac atttaacagt aactagaaag gttaatttta 120  
 accttaatca gaaagattaa tttctgtcct ttcagtcttc tttctgtgct cataaataag 180  
 cattgtttct tttaatcaac ctgggcagta tctttctcat ttttaacagt gtctagagct 240  
 cagttgtccc agcatttatt tcaactggtc ctgatggatg gaggggtggt ttgcttcagt 300

<210> 1229  
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1229

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gtaaatcttg	gttaacagct	gaggagtagt	attactgcaa	gtgttcgtca	cttgttgctg	180
tatacatctg	tcagtcttat	caaggaaatg	tggaatgggtg	aatctgcttt	acaatgagta	240
tgccatagaac	tcagaatctt	attttattta	aaacattgat	ctcgttttat	tttattgaga	300

<210> 1230

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1230

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actctgtagc	caacatacac	atgatttaaa	accctttcta	aatatctatc	atggttcatc	180
cttgtccaat	gcagagtcag	agctattttg	acttcattac	tattcgcttt	ggaaataata	240
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<210> 1231

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1231

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gcagctcccc	tgtggggcct	gccaaatggt	ttggctcaga	tgtgctacag	caacccttgc	180
cctccatgcc	cgccaaagtt	atcagtgtag	atgaattgga	ataccgacag	tgagcagggc	240
aggcagactc	aactaagccc	ggacctgtgg	tggcacactg	ggcaggacct	tgcttcatct	300

<210> 1232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1232

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gaagaccttt	gtttgagttc	tgccacttta	gtagtgtatc	atctcagaga	tcaacctctt	180
taatgcctgt	ctttgttccc	tggaacagag	tttgtgtttc	cttttgtgtt	acaacagAAC	240
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<210> 1233

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1233

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gcccttgga	tgtcaatggc	ctggctctaca	ttgagaatga	agactgagaa	agggcttcct	180
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ccaaagaatt	agggagtagc	tagcagaaaa	tggaggcatg	acactaaaca	cagactgaaa	300

<210> 1234  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1234  
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 agtggaatgt ttctagtgtt tgtgaagata tcaattgctg gctgatattt taagctggat 180  
 gaaaaatgtg ggtgaagtaa tcttaaaggg tgatagattt gatatgagaa atttaaagta 240  
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<210> 1235  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1235  
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<210> 1236  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1236  
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 gcagagctac tgtaaaagaa ggatagagga gggtaagttt gaaagtggcc atgggcaaga 180  
 attttctcca gatagctctt gattataatc tctctcacct ggattatttc ccatctcctg 240  
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<210> 1237  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1237  
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 aaggactacc atgatgggaa aaaataagag gaaaccttac cctccccac attcccacat 180  
 gaccagcagc ataagggctc cagggttacc cagtatccat catttgtctt atggccaccc 240  
 aagtacacct gtttacatga cttactgggc ctgtgtagaa attgcagttt gtgataggat 300

<210> 1238  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1238  
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 agaagttggg ggtgtccaga ggaagttag atgctctgca aaaaagtcag agggcatctc 180

agaaaataga gccacttttc t	ttccc agaaatagtc actcactcaa ag	ttgta	240
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<210> 1239  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(230)  
 <223> n = A,T,C or G

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catctctgac tcggaagggg cttgttcgag	ttgtattttt tccattgttc agcaattggg	180
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<210> 1240  
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 <212> DNA  
 <213> Homo sapiens

<400> 1240		
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tataaaggaa agagaaaaaa taggactgtg	gcttagtttg ggctctgttg actgactata	180
aaagtgagcc aatcacatag taattttctg	acaaaataga gtttaggtta aggcttaggt	240
caaggctgta ctttgtgtta atagtattat	aatgagcaaa ttaatagaaa caagaaaaca	300

<210> 1241  
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 <212> DNA  
 <213> Homo sapiens

<400> 1241		
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cctaaccatt cagtcaggaa ttaaaatatg	gcattgtata acaactggga agaagctcat	180
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<210> 1242  
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 <212> DNA  
 <213> Homo sapiens

<400> 1242		
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cacttgagcc caagaatttg agaccagcct	gggtaactta gtgagaccct gtttctaaaa	120
ataaatagac agatgataga tagtcagata	gagagagaga gagagatgat atagatatag	180
atagatagat agaatgttct ctaccccaag	ggtggagaaa gacttgagca aagacacaga	240
ggccacatgg attaaaagga ggaggagaag	ccctgtgttt gcagggatga atggcctatg	300

<210> 1243  
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1243

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ggtggctggt	gcaccggcct	gcgccatggc	caggcctttt	tctctagtca	ggaccgtccg	120
gatggggcct	tagggccccg	ccccgtctag	cctggccccg	cctgcgcgag	ccccgcaagc	180
tctgcaggct	ggctagcggg	cagaccccag	ccccacgtcc	tgctaccac	ctacgaagga	240
tccgggggatg	ggcagcgcca	cccggcccgc	tccagagtca	gcattgggtct	ccgtgaggcc	300

<210> 1244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1244

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gctcagccct	ggccaggctc	agaccttcct	gctgtgggga	gcagggggcc	tggtcgtcta	120
ctggctgctg	tctctgctcc	tgggcttggt	cctggccttg	ctggggcgga	tcctgtgggg	180
cctgaagctt	gtcatcttcc	tggccggctt	cgtggccctg	atgaggtcgg	tgcccgaccc	240
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<210> 1245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1245

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cgtccgagcc	gtgttgagcc	tctgtcagca	gacttcagg	agtcagccgc	cgggccgagc	180
cttctgctc	atctccaccc	tgaaggacaa	gcgcgggacc	cgctatgagg	tgctggaagt	240
gggcaggccc	tgtcagtctc	gcgttcttct	tggaagccga	gacgcggggc	accctcggtc	300

<210> 1246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1246

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aaagtctgct	ttgaagaatt	gcttaagacc	cacagtgatc	taatgcgtga	aaagaaaaaa	120
ctgaagaaaa	aacttgtcag	gtctgaagaa	aacatctcac	ctgacactat	tagaagcaat	180
cttcactata	tgaaagaaac	tacaagtgat	gatcccgaca	ctattagaag	caatcttccc	240
catattaaag	aaactacaag	tgatgatgta	agtgtctgta	acactaacia	cctgaagaag	300

<210> 1247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1247

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ctttggggct	taggaaccgg	ggcaaggggc	tccgagccgt	gttgagcctc	tgtcagcaga	120
cttcaggag	tcagcccgcc	gtccgagcct	tcctgtcat	ctccaccctg	aaggacaagc	180
gcgggacccg	ctatgagcta	agggagaaca	ttgagcaatt	cttcaccaa	ttttagatg	240
aggggaaagc	cactgttcgg	ttaaaggagc	ctcctgtgga	tatctgtcta	agtaaggatt	300

<210> 1248  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1248  
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 gtgggtactg tataacatgg cttcatttta ctggagaatt aagaatgagc catatcaggt 120  
 agtagaatgt gccatgagag cacttcactt ctcttccagg cacaataaag acattgccct 180  
 ggtcaacctg gcaaacgttc tacacagagc acacttctct gctgatgctg ctgtcgtggg 240  
 ccatgcagct ctggatgaca gtgacttctt caccagctat tacactttgg ggaatatata 300

<210> 1249  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1249  
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 ccagcagctt ttaaagtgtt tcacatcgtg tgttccaaaa ataactgggt agcctaagtc 120  
 acttccaccc tccaatgttg tgaatgcagt ctctagcatt cgctatttaa tgtcttcttc 180  
 ctgcactatt tgagaaatcg cgaggtcgac ttaataccgc agtcgccact tcgcggaaccg 240  
 gagggcggag tctgcttagt tctgaggact gcgtgggtcc gcgcagagag ctctgctag 300

<210> 1250  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1250  
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 cccgagagca tccagtttgt gctggatgag gactcctacc tgggtgcctga gctcgatggg 180  
 gtccgcactt tctcccgcag caccacagag ttcttgcatt aggttccagc ggccagcgag 240  
 gaaatcttca aaattgcctc aatggccccc ggggcgctgc tctggagggc tcagaaggag 300

<210> 1251  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1251  
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 aatgaagggg gttaagcctg ggagttagca gatcagacgt gcttttttag caagatcatt 120  
 ctggatctct gtggaaactg ccttgtgggt atgagagcaa accctgagac cactggggtc 180  
 cctgagctga taagcaccaa ggcagtgggc cggagagagg agagatgttt aagaggtgtc 240  
 ctgggttggg tgcggtggct cagcctgtg atcccagcac tttgggaggc cgaggcaggt 300

<210> 1252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1252  
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 gtgtctgcca tgctgatgat agagctcatc agtctttgat aaatactgtt aggtccttaa 120  
 gtgattttct gtgaaatctt acgcatagga tttctgtggg cagggtttga cgtctgatct 180



tggttcgtcag	ctcccccttgc	t	aatgc	aagtgcatta	cctctttaa	t	aagct	240
ggtaaactta	ataggaagtgc	ct	tttata	ttgcaggtgc	taaacttaag	gagccatta		300

<210> 1253  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1253								
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acaggcgtga	gccactgtga	cgggccttac	atgcaatttt	tatttatagc	cagtattaga			180
gaattactag	gaaatttcat	ttttatat	ttt	agtgggagaa	agccatctac	agcatgtctt		240
caagcatgga	ctatctgtaa	catacagtgt	gcttgctttt	gaattgtttt	agtgttaa			300

<210> 1254  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1254								
aggagatagg	gacagagcat	cctaagattc	aggagagcat	tctagtcaca	gggagcagtg			60
aattcagagg	ccccaaagta	ggagggagtt	tggtctgtcc	aaggaaagca	agaaggtcag			120
tgacagctgag	gcagagtaag	taggaaggag	agaggtcagg	gctgagatca	gggaggtagt			180
ctgaggcccc	tctgtggggg	acctgataaa	tgtgtttgaa	ttcattttga	agtgtaatag			240
gtccatatta	gaagcagaaa	ctagaaaagg	agttaggctg	ataaacatag	ggatcataac			300

<210> 1255  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1255								
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tatgttctta	ttttagcaat	aaaacgaata	ccagaagctt	taacattcac	cagtacaaat			120
aaatagtttc	aatggaatag	gtcgaaagta	aaggagacatc	actagagtaa	atgctagacc			180
ttccctctcc	ttttattttt	agcaacagca	aagcagaaac	taagatctac	aagtgatcaa			240
agagggtgat	ccattcagtt	tctgtgtaga	caggaataat	aataatacct	tttacaat			300

<210> 1256  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1256								
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gccaataatg	gtctctgaat	tgattcagac	attcacacag	cttgaagaag	atctaaaaga			120
tgaagatgag	tcattgagaa	gcaccaacaa	agtaaacaga	acgaaagt	cagtcacgga			180
tgcaaatgga	ccctcagtg	gggagatacc	ccagagtga	ctcatcttgt	atttatcagc			240
ttgcaaattc	ttggacacag	cgctttcttt	tccacctgac	aagatgccat	tatttcaa			300

<210> 1257  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1257

gctgtacgga	gagtgtctgga	ctggggag	ctgggagcag	gtactgcctc	ctgagc	60
tgccgtcctt	tgaagggaga	atggggta	gggttcgagg	agcctggcga	gactgtgca	120
cctcctcggg	aggagcagcc	ccctcctgtg	ctgctttccc	cctcccttca	atatgtctgg	180
gcggagaccc	tggcctccaa	agtgcattc	cgggacccca	aatcccagcg	gacgcaccag	240
gctcaggtgg	cgttccaggt	gtgtgtgcgc	cctggctcct	acaccccg	accccttcc	300

<210> 1258  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

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agatagaacg	atttcacaga	taatccatag	tgatactcag	ctaacgggtg	gtactgcca	120
gacttgaacc	caccattctt	gnaacttctt	tgatatctct	aattatggtt	taggtctgcc	180
agtttggtat	ggagcagaaa	agaagatgta	agctttctgg	aggtagtagc	tgctacaggc	240
atacantata	tnatctcang	caatagcaag	tccaagtagg	actgatacag	tatacacaaa	300

<210> 1259  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

cactacatga	agtccggggt	ttggttaaaa	tatctgtctt	atztatgaaa	ggctgaaaag	60
agaaaagagc	tattcactac	cagagactat	aagtttttagc	tgataaaaaac	acagcctcat	120
caatagctat	tgaatgaagc	cacttgctga	gtcagtaact	gaatgtctat	gtatgatatt	180
tccagtatca	tgattaaaat	ggagccccga	aatgtcatta	taaggcctag	ttgtggactg	240
ggggcccaga	tggccaagtg	ggagcaactc	tgaaaccatt	aaataggagg	agagagagaa	300

<210> 1260  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

catagacaaa	ctacgtatca	agcactgtgc	cagacactga	gtacactatg	gtgaataata	60
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caggctgtga	tgagtactgt	acattggcaa	atgtgccatg	ctactagggg	atggatgaga	180
tcacagttta	agcttgggaa	gaatgagtga	gacttggcaa	agaagggggg	acaagaatat	240
tatcataaga	gtgaagaaag	ttgggggacc	tcaagtgtaa	gagaagagaa	gaacttgctg	300

<210> 1261  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

atgactacca	ttatttttct	tccttctatt	ggtttaaaat	atacttatct	cttccactgt	60
atgttctgt	gttttattgc	atgggaaaag	gtaataagtg	tcatcaataa	cagccatctt	120
aacatgctgc	aggaactgtc	aagtaacagt	gattattgta	aaaaacgagc	tttctaattt	180
ccttgtcgct	tacagagtaa	tctaagtga	aatttccaac	gtcctatctt	tacaaagaaa	240

caaatacatt tattttttcc t tggaa gaacttatgt acatgattcc t gatgg 300

<210> 1262

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1262

cccacacctg ccatattgaa ccgtttctgc actaatcttc tccacgggca cggagtggag	60
ggaacgtctt gggaaagggg agagcttgac ctccatctag gtttctttta tctggagaaa	120
aagaacactt ttgaactatg taatgcttcg ccctgaaagg caagctaacg ctaacttccc	180
aggtgacagt agcaggaaca aggaagggtg atgtttccat gacagacact tgcttccctt	240
gggacaagtc ccagaagaac tacctgaagc accaaagctc cccaccccag cctggtggca	300

<210> 1263

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1263

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accataaagg tttaaaagaa aataggggca caggctgttg aggtttttat gttgttatag	120
accttttttaa attatgttag agatgtatat aggtatttaa aggtcactgg gagcgtttct	180
gattcccggc cacactttgc atttcaacac tcagcccgga aagatgctcg ttcggttggt	240
ggacctcttt cactccctgc gtgtaagaag gtgaatcacg tgggaaaaag tgatccttag	300

<210> 1264

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1264

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gtataggcat ctggtgtttc agcatacata actgaagcat gtgaaacagt atcatcctcg	180
ttagtagagg aaaacaaaaa cccttctttc cgtcaaaatt ggatttgtaa ttaaattgta	240
agcctcgtag gatgtatggt ggagatttta agtctttcct tcggttctat gcaaaaaa	298

<210> 1265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1265

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gagtcctgtg tgcacagtaa tatcctgggt caggtaaaat ccaggctctc aagttttaag	120
gattttttga agaattcggg cttctttaag acgatccatg cccaaatcca caagcttggt	180
gacagtggat tacagtttgt gtggcaaagt ccaagttggt acactgtgct ttaaaaaaaa	240
tcttatctgc atgtattggt aacttagaga ccatgagatc tatttatcag gaccaggaag	300

<210> 1266

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1266

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ttgtgatgtt tgtgtctcac gtgtccgtgt gaagagacca ccaaacaggc tttgtgtgac	180
agggcaaggg tagaaatcat gttccagaac tcagtggag ttgtaggcat gaaagaggag	240
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<210> 1267

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1267

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gaaccatctg gaattcacag gcctgtcatg agagacacga tgagaagtcc ttaaaggtag	120
atcactgatt cacaggggag caggcggagg caaggggtgag tcagtgcttg gaactcagtc	180
atccagattt ggctctggaa acttctgaag ctgtagcctt tggggatccc tgactgagag	240
tacaggaagc caacgctatg tggctctctg gaaactcatt atctttttca ctggtgctat	300

<210> 1268

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1268

cagcggcgag gtctgcggga ggcattggcg gagctccgga cgagcgccgg cggggccccc	60
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cccaggggaa tccccagcaa gggttcttct ccagcttctt caccagcaac cagaagtgcc	180
agcttaggct cctgaagacg ctggagacaa atccatatgt caaacttctg cttgatgcta	240
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<210> 1269

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1269

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ctgaggcagg cgaattgctt gaacctggga ggcagaagtt gtggtgagcc gagattgtgc	180
actccagcct gggtaacaga gcgagactcc atctcaaaaa aaaaacaaac caaaaccaag	240
ttcccactgg tgatgcctgt ctgacacgtt ttggtattta gtaggaaatg aagtgtttcg	300

<210> 1270

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1270

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gggtcctcag	caatatgctg	agcctcct	aaacaacatc	acctgaaaaa	ggcctccta	120
ggagagccat	tctcaaactc	gacccctggac	tgagctcag	agctgggttg	agagctgggt	180
tgatcaaagt	tgggattttg	ctattattgt	gacaaaggg	ccagccttgc	agtccagatc	240
ctgaaaggcc	tgggacaagg	ccaggtaatt	tggggagtc	gtcctgcatt	gtgcaggatg	300

<210> 1271

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1271

cttgtcccca	tggtcagagg	agacccagct	gtcctgcacc	cccttgcaga	tgagtatcac	60
cccattcttt	ctttccactt	gttttttatt	tttatttttt	tttgagacag	agtctcactg	120
tcacccaggc	tgaactgcag	tgggtgtgatc	taggctcact	gcaacctcca	cctcccagg	180
tcaagcaatt	atcctgcctc	aggctcccaa	gtagctggga	ttacaggcat	gtgcaactca	240
cccagcta	tttgaatttt	tagtagagac	agggtttcac	catgttggcc	aggctggtct	300

<210> 1272

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1272

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accacctcat	gagtctaaaa	acaatgataa	acccagggaa	gcttgctgaa	gagcatcctc	120
catttggtta	ttgctctttg	tctaggaaaa	tcagactcag	ctgtgaattg	tggaccaagt	180
ggtgcagaac	tcattacttt	gaacaatgcc	tcctcggcct	gggaagcatg	ttctctcttc	240
tcactagcag	gggcttattc	caggctggct	ttggtcacaa	ggaaaatcat	ttagacacag	300

<210> 1273

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1273

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tgggtgaatg	tttttatata	tcactcaact	tcctcgtcc	taaaaggaca	cctaattttg	120
ttactattga	aaatttttat	tttggtggcc	agaatacgaa	atcgggagag	gtaacccaaa	180
cagttgtctt	aggaaaaggc	agattctcag	aggcaatggg	ctatcaacaa	aatagggtgct	240
aagcacattt	gtttgtaatg	atcattcata	taatttagaa	gatttatggt	aacagtttat	300

<210> 1274

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1274

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ccaggaggcc	tgcttgagg	cggtgctacg	tcgactacag	ggacagtgtc	ggcaggaact	180
ggccaggctg	gtgggagccc	gccctggtct	catctggatc	ccgccacctg	gacgctgagg	240
gcctgtcgac	gggccctcgt	gtgggaagcc	tgccctggcc	cagcctggct	gggtcttgga	300

<210> 1275

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1275

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catcaacat	aatttttacg	tgctctaata	tgtttcttca	cagattcatg	ccatgttcag	120
tttaaaagag	tcctgttctt	ttaatacatt	atctttgaaa	tgctctttac	tgaggaatga	180
ctaaacttct	tctgaaatgt	gctctctgga	ttgaagtcaa	gagtacatgt	tgcaacaaa	240
ataatcatga	cttttagtat	taagagacaa	ttaccagatt	gagtgtact	tagaaaagtt	300

<210> 1276

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1276

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caagtctccc	taatgggatc	ccagaatgcc	catggaggaa	gcagcatgtg	cactgtgctg	120
agtgtgagc	aggatttcaa	gagagcaaag	gcagagatgc	tggaacagggc	agcacaggag	180
gacgagtgtg	catggctact	ctgagcaggg	ctgggttctg	ggctgggttg	agcacagcat	240
ggggaactga	aaggcagaca	ctggccaaga	aagtccttgt	gcagggcttc	agaagtgagc	300

<210> 1277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1277

gttactttct	ttctcacaca	aaggaaaaaa	gagactatct	ttaggaaaca	ctgctttaaa	60
tcattcttct	tgaatattaa	ttctctgttg	cttcctccaa	aaatggagaa	aataatccct	120
accctcatag	gcttattata	aggctcaatt	atgataatgg	tgtgaaaact	ttgaaaatta	180
gacttcagag	aaattgagtt	aatctgggat	tatttatcaa	tgtcttagta	accaaagtt	240
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<210> 1278

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1278

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gagctctact	gcattgccta	tttgcaaata	ctagtagcac	aagaggacaa	ccacaaacaa	180
cctgacattc	gaagtcacac	aagcgcaagt	ttttcccatc	atgcctagtt	ggcaatcatc	240
ggctgagcag	taaatcagaa	ttttgtcccg	aatgttactc	acctgttagt	cgcagccctc	300

<210> 1279

<211> 280

<212> DNA

<213> Homo sapiens

<400> 1279

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aaaaatacaa	tggttatatt	aaaatgtccc	tatgcatggg	gaaatgttaa	ataccaagtg	120
gatgaatggg	tctcaaata	attgtaattg	agaattatc	acatgcatct	attgtttaaa	180
ctaataagta	aaatagactt	cctttttctg	ttctgtttta	aatgtgcact	aaaattacct	240
gcttgtgggt	aagcatgggc	tggaacagtt	attgattttt			280

<210> 1280  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1280	
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aagtgtgcac caccatgcct ggctaatttt ttgaattttt gtagtgatgg gatctcgctc	120
tgttgccag ggtggtctcg aactcctggc ctcaagcgat cctcccacct cgacctccca	180
aagtgtctggg attacagggtg tgagccacct cgctggggcc cccttctcca tatgcctcca	240
aaaacatgtc cctggagagt agcctgctcc cacactgtca ctggatgtca tggggacaat	300

<210> 1281  
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 <212> DNA  
 <213> Homo sapiens

<400> 1281	
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cgatgtgttt gaatttgaat ttccagagac cccctcttta ccgtgttata acatccaagt	180
atctgtggct cagggggccac gaaactggct actgctttcg gatgtcctta agaaattgaa	240
aatgtcctcc cgcataatttc gctgcaattt tccaaacgtg gaaattgtca ccattgcaga	300

<210> 1282  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1282	
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ggaggatggc atcgggcagg tgccctcctgg tgcccagaga caaaaagatg tgtgggaagg	180
tgacagaatc aagcggtaag gtcagtgttt tgagggagca ggcaaccacc agcctccagt	240
gacacttgcc ttccacaggg atcctggagg tccccatttg ggaagggtga aaatctcagt	300

<210> 1283  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 1283	
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tgaggtgtaa attttgccca gatgtatacc cagtgtgaaa tatcttctaa taaaaatata	180
tttggtctct atccctgcac atgtagaggc ataaaaattg gtaaacaatgt cccgctgtgt	240
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<210> 1284  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1284	
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agccatcgag ccattggcag aaatcctgct gaatgtcatt cagaaacctc agcccatggt	180

cgccctcctg	tgccctctc	cggaaa	gccctgcaac	attctaggg	tgcagg	240
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<210> 1285  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1285						
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agaaacagct	ttcatacagt	gcaaactgtc	tacgtctatg	taaaagaatt	tgagaaacat	180
ggcagtagcc	attgctaatt	aatctgggta	tgtgtaaata	gtttaacttg	atttttgact	240
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<210> 1286  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1286						
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acagttcttt	acatggctga	ttcagaaact	ttcattagtc	tggaagagtg	tcgtggccat	180
aagagagcaa	ggaaaagaac	tagtatggaa	acagcacttg	cccttgagaa	gctattcccc	240
aaacaatgcc	aagtccttgg	gattgtgacc	ccaggaattg	tagtgactcc	aatgggatca	300

<210> 1287  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1287						
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gctccggatg	gggaaggaaa	aggtctgggt	gcctaaccac	ctccttcctc	atccaaccct	180
gaaaccccca	ggatgtggaa	gaaaaacagg	tagcattttg	ctttcataat	gcaaagacct	240
aaagatgcat	ctgtgtttgt	caggcatgta	tgcattgtgtg	cctgggtgtg	cacatgtgcg	300

<210> 1288  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1288						
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catcacctgc	acatgaaccg	ctttcccccc	atttcttaat	catgaatttc	tgtgtcttaa	180
attattaatg	gctaagacta	ggctctggcag	ttaatttctc	tctcctggat	ttttggccca	240
actcgagtat	ttttgaaaaa	ccgacacagt	attttagggg	agcccaaaaa	ccatgatggg	300

<210> 1289  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1289



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aagcgaggct	gcccgcgcac	ggcgctggag	tactgcaagc	tcctcctgag	tctcgagccg	180
gatgaggacc	ccctctgcat	gctgctgctc	atcgaccacc	tggccttgcg	ggcccggaac	240
tacgagtacc	tgatccgcct	cttccaggag	tgggaggctc	atcggaacct	gtcccagctc	300

<210> 1290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1290

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ttccacttag	aatttttgga	ctttgttctt	aatgaatagg	ttcattttca	atttcaaagc	180
aaagtgttaa	catttttgaa	atttgtctca	attctaaagg	ccaaacttaa	atatgtctcc	240
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<210> 1291

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1291

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tccaaccttc	taactaactc	gtggtgttgg	agagtattaa	gcatttgaaa	agttcaggta	180
gaattttcat	cctttttgag	ctctttccta	gctgctttgc	tgtgatatat	ctgtcactcc	240
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<210> 1292

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1292

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gctcagcaat	ttcgggcagt	tggtttgatg	gttatgtagt	aatgtagcct	gagagcagaa	180
atacagagcc	tctgggctag	agaaagtata	aatggcatcc	taggctatgt	agggttacag	240
ctcttcagaa	ggaactttca	ttttcattgt	gacacatcgt	ctacatgttg	tagaagaaca	300

<210> 1293

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1293

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aaggattctt	tttttttggt	gtacatgaat	gttcatatca	ggtttatttg	taatagccaa	180
aacagtatac	acctgaatgc	ccaccaacaa	gtgactagat	aagcaaagta	cggtacatgg	240
atatgatgga	ctacctcaga	gcaataaaaa	agaatggact	attgatacat	gctacaacat	300

<210> 1294

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1294

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gtcttgaggt	cttgacctct	tgacatatac	actgaaaaaa	atgggggttg	tatgtatgtg	120
tgtcctaccc	aaacctgtgg	ccgccacttt	tgaattctca	gattgccctg	aattttgccca	180
cttttaaata	atgtgctgaa	taagctcagc	aactaaaaac	cattacccaa	gaacgtttct	240
tgtgagtgag	ctgatttatt	ctgattcatt	atattccttt	tggtagattt	tatacccctt	300

<210> 1295

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1295

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gctgtaatcc	agagagctaa	gctgcttact	tcattagctt	ggtataagct	gacgacagca	180
gtgcccttgc	tttatatttg	tcagagctag	gaaataagcc	ttcttttttt	ctgctgtaat	240
catagttacc	cttgaactga	aatatcttac	atttattctc	aagcaggtag	ggagaggaga	300

<210> 1296

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1296

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cacgatggga	aaagggattc	caattacgat	ttaacttgta	ttttaagat	gagaaaagaa	120
atgaataaga	aaatttgttg	ctatttttct	tcttccaaat	tagaatctat	atctctaaaa	180
atactttgca	tgtttagtaa	acatccatct	tgaacagaag	ataccttgac	atcagttcta	240
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<210> 1297

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 1297

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gttcttttct	tgtaaaaaaa	aaaaancggc	nnaacaatnt	tggcctttnt	agctnggnna	180
ccccnggccg	gncaatccct	nctnctctcn	aagcctcggn	ttcctcccct	gaaaagtaaa	240
gaaaataact	cctaaactgc	ctcccnaggc	ttgctggcag	gatccaagg		289

<210> 1298

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1298

ttttcttgca	gttactatgc	tgtccttctc	atcactacct	gttggctgag	gtagtgatag	60
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gcctaaatga	ttcattatct	tgtact	aaatatgttg	agtaattttt	tctaaac	120
taacagaaag	agagaacctt	ggttactc	ccttaggctg	gttaaagtga	aaggtagcca	180
agtcaaccca	gcttgtttcc	ttctctcatt	aggaaagaac	tattgttcat	tctcataaca	240
cactttttcc	aattgcaaac	atactcaggg	ttaaaatagt	ttagcacaaa	ttgcagccca	300

<210> 1299  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1299						
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atattgaaga	ccacttaaaa	acaacaaaaa	aaacctatga	aggtgcatgc	tatttcccca	180
gagctaaaaa	gataagtga	attgtgtttg	aactcttaag	tgaggtgaa	gcagaattta	240
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<210> 1300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1300						
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tttcttgggt	cttacagcat	accccataga	atcaagcctc	gttattgcca	gggctgaact	120
gacttttttg	tttttgtttt	tgttttaagc	agtaccattg	tgacaccttg	gaaaattcct	180
gtgttgatct	aattttacca	tattcttcac	tccactgacc	actccaatta	ggatactcct	240
ggcactcttg	gttttagaga	ggcttagata	tgtggctatt	tatcctttgg	tcttcagcac	300

<210> 1301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1301						
aggaagctgg	ttgagaagaa	gaaggaaaaa	gtcgattcta	ctgactgacg	tttccccctg	60
ctgttaagaa	tcccaaccac	acactttcac	acactattcc	aggttctggc	tactgaatga	120
tcccacagct	gaggtctatt	gtcatcgctc	cacttctatt	tttagcagca	ctaaaaacat	180
tcccaaaaaa	aatgtttttt	agctttttta	ctgcgattca	ccactaagaa	attggcattg	240
gaacagtcca	cagagcttat	tcaaatttca	cccattttac	atgcactcat	ttgtgttgca	300

<210> 1302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1302						
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tctgttctat	cttcccatca	taaaaaaagc	tctgagggaac	atgaatacag	tgatgaagct	120
cctcaggaag	atgagggctt	tatgggcatg	tcccctctct	tacaagccca	tcattgctatg	180
gaaaaaatgg	aagaatttgt	ttgtaaggta	tggaagggtc	ggtaggcagc	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttctctc	tgcatggaca	ccggcctcct	300

<210> 1303  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

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 tcgtcttttt ctttaaaaca gtatgaataa aatctggaca gctgtcgaaa aagatatgcc 180  
 gtctgcattt ttttttaatt tctagccacc accataacta aatagcttga atagaacctc 240  
 ttttcttttt tttccccttc atacataang atctctactt cnttaaaagc gtattaatc 299

<210> 1304  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1304  
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 gaagttcttc aaaagtaacc caggagcaac agctgagcag tgccagagtt gtgaggtaaa 120  
 catcaatcat ttcaaaaatg ttctgacttg ttgagcagtg ttcatttcca ggtttcaaac 180  
 ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg ccttaggaaa aaagagattt 240  
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<210> 1305  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

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 ggtgtctggt tctgattctt atcacaactt gctacttagt gtctaccaag tcttccacct 180  
 ctttgctcct caaagagctg tgaacactga tggcaggagc cggcaccacn ccacnnactt 240  
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<210> 1306  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1306  
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 gcttccccctt cattggcatt aatctgggca ccagctctct ccatagcagt gacttccctc 180  
 accactctca tctctcagcc ttgccttttc ttcttgacac tgtcgcccc tctcttcagg 240  
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<210> 1307  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1307  
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actgagattt tggaaacact gaagaattat agcattataa gaattttaaa tttatgagaa 180  
aatctgagac aggggcagag atggctgatt ttgatcttgc tggatcttag accatgagaa 240  
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<210> 1308  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1308  
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actgttctca accagtagaa gtagcttggt aaatggctca tgaaaatggg aggcacgcct 180  
ttaagataa tagaacaaga aagtacgttt caccatgaaa agccgttcgt catgatctac 240  
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<210> 1309  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1309  
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ttcctacggt tgcaactgga atgttttttag gaggatttat cattaaaaaa ttcaaattgt 180  
cttttagttgg aattgccaata ttttcatttc ttacttcgat gatatccttc ttgtttcaac 240  
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<210> 1310  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1310  
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tctgaccaa gaccctgggg gccccagagc tcaggagcta gcacaacctg gggatctgtg 180  
caagaagccc tttgtggcct tgggaagtgg tgaagaaagc cccctggaag gctgggtgact 240  
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<210> 1311  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1311  
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atgctctggg aagccagctt ggtcctggg tctacagagg gccctggccc cggagcccag 180  
ccagctctgc ctctctcagg gcctggagtc ctgggggagc tcagccagct ctgcctttct 240  
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<210> 1312  
<211> 132

<212> DNA

<213> Homo sapiens

<400> 1312

gatcagtgaa	aaacattagt	atacgttttt	aaataggcta	atttttcaac	ttggatcatt	60
aggcttacgt	actacttggt	tcaaattgtg	caaatacaaa	aatggtaact	aggttgacag	120
atactttgta	tt					132

<210> 1313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1313

aatgaagggtt	ggggagaaaa	gaaagcaatt	taggagactc	tatagggagg	aaaggatgag	60
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gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttaggg	180
gctctattgc	ctgctaattt	catcactggt	atttttctta	cctcttatct	ttttccctgt	240
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<210> 1314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1314

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ccatcgtagg	cagtcacact	ctttctctct	tggatcattt	gctgtgggga	agcaaactgt	180
catatgagag	gacactcaaa	cagcctctgg	agtctcattt	gctaaggaac	tgaggactcc	240
agcctgagaa	ctcaggcaag	taactgaggc	ctgccaacaa	ccatggagaa	agcctggaag	300

<210> 1315

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1315

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tcagtgttaa	ctcattaaat	tacttgataa	gaaccagctt	tatattgtaa	gatgtgtaag	120
cagtgggagc	aatgggtggaa	atagcctttc	tattttattt	acccaagtct	gtgtactcct	180
catccttacc	agggccccta	actgatcttt	ccactaaatt	atgtgtgtca	cagcgaaatt	240
aaaattactc	ttccaaagtg	caactctaatt	catggcactt	aagggatttt	cctttactta	300

<210> 1316

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1316

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ttgttgtgct	gtcttctcat	tagcatgcaa	tattcaactg	actgaattcc	tttttagcta	120
agagaaatat	tacagggcatt	gatcatttta	ggttattaag	gtgtctaact	caatatgtaa	180
actgctgaaa	agaattatat	gtttttatca	gataatctca	acatttcaaa	agacaacaca	240
ttcagactac	tcccctttcc	ccccaaacttt	tatctagtgt	ctgaaaccac	atgactagtg	300

<210> 1317

<211> 55  
 <212> DNA  
 <213> Homo sapiens

<400> 1317  
 gcacccctgtc cttgggaacc aattttctcat tattgtcagc cggtcagctg cctgc 55

<210> 1318  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1318  
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 ggttactcca ttctgctatg acaacttggt tcaaagtgtta atttacatag gattttttat 120  
 aagccattaa ggcataatgta tagtatatca gtaaagatgg atgggtgcata tataaatagt 180  
 cttctgtaat agtgattgga tttacttctg gattatnaga gactcaaaat nttccccanc 240  
 ctgtctctat cctttcncag gttgatccct tgtcatgatt tttcattacg gtgggttcagg 300

<210> 1319  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1319  
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 agattctgct tactagtcag tccccaggcc caggccactc gcaaggggag gacattacag 120  
 gaggcgtgag tataggtggt gtgatctgtg gggaccgtcg cagaggctgc ccaccacaag 180  
 gggttaaaac ctataaaact tcgaagtggg atttaataat tttcaattac taggaaatag 240  
 ataaaaacaa attttctgtc cttcacagaa cactaaagta tgtattggat tttttatccc 300

<210> 1320  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1320  
 gtacaactct taaagctttc tacattttac atatacagtc atctctcagc atccgaggaa 60  
 gattgggtcc aggatggctc aaggtcctga tataaaattg cgtagtattt gtatataacc 120  
 tatgtacatc ttctcgtatt ctttaatctc tagattactt ataatactg atactatgta 180  
 gatgctatgt aaataattgt tatactgtat ttttttcaa ttgttttatt gctattttta 240  
 ttgcttttcc ctgaaatatt tttaatccac agtaggcgga tgcagaacct ctttatacgg 300

<210> 1321  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1321  
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 gattttactg gctttctttt agcatttctg tctagtcgaa atgggggcca ggcttgcaca 120  
 catagacaac tgaatgaatg taaccggacc tattccatct aggctgacct cttgaaagat 180  
 aggaggggaa gtctaaaaca ggagaaaagt tttagaaatc ctttgatta ggcttaccga 240  
 gattagtggg atgtaaaata ttatgatatt cttagtgttt caggattatg gattttaagt 300

<210> 1322  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens.

<400> 1322  
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 catctgttag ttccactctt agtacatcat tgtgctgtga ggtgtcatta gccgccgttt 180  
 aatttttctt ttgttttttag agacagtgtc ttgctctcac cccggcttaa gtacagtgc 240  
 atgatcatag ctgactgcaa cctcaaactc ctgtactcaa gtgatcctcc tgtcttagtg 300

<210> 1323  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1323  
 ctcgagtttt cttatccagt tgaggccgcc ttcgctgtac tcaactctctg cctcccaccc 60  
 catcttctgc caccgacct ccatctttga tgggttagcgc cttcagccct caacagcttc 120  
 gcacaaccaa cccctagaag ccgtggagtc agaccggcca ggggtgggacc taggttttaa 180  
 ctcggtttct ggctacacac gctgcgcctc catacagttt gtcccagggt tggcagcagg 240  
 ccggctacct tcaggaattc tttgctttgg cttctgtctg ttctgtctg ttgggcaagt 300

<210> 1324  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1324  
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 ggccgagtct ccgactgtct gtgctttcac ttacactcct cttgccaccc cccatccctg 120  
 cttacttaga cctcagccgg cgccggaccc ggtaggggca gtctgggcag caggaaggaa 180  
 gggcgcagcg tcccctcctt cagaggaggc tctgggtggg gcctgtctcc catccccca 240  
 agcccaccca gcactctcat tgctgtgtgt gagttcagct tttaccagcc tcagtgtgga 300

<210> 1325  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1325  
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 gacttgcaca gtgcttttct tagactgtgg taaggggtgg atgtgggggt agtgccaaga 120  
 ccaagtgaag gaggttctg gacctccatc cttgcttcag ccagagcagc gtgggttcat 180  
 ttcatttttg gattttggtt tgtgggaaga aagggttctc ttgccggtgt gtgtgtttct 240  
 gataaacaaa gaagtgtgga agtggctgaa tgagatgacc caaggactct ttctgggaag 300

<210> 1326  
 <211> 300



<212> DNA

<213> Homo sapiens

<400> 1326

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tggctgggtg	tggtggttca	cgctataat	cccagcactt	tgggaggttg	ggagtttgag	120
accagcctga	ccagcatgga	gaaaccccg	ctctactaaa	aatacaaaat	tagccccgca	180
tggtggcaca	tgctgtaat	ccaggctacc	tgggaggtcg	aggcgggaga	attgcttgaa	240
cccgggaggc	agaggttgta	gtgagccgaa	atcatgccac	tgactccag	ccgggcaatg	300

<210> 1327

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1327

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tgagccgaga	ttgtgccacc	gcactccagc	ctgaatgaca	gagcgagact	ccacctaaaa	120
aaagtaaaaag	aaaaaaaaaga	ggaagaatta	gcacatttct	attacagaat	tggacttgaa	180
catgcaaaat	catgtctgga	tttctcagtg	aaaagctgtt	ttacgttagt	ggactcttct	240
aacattttga	aatggtgatc	tggatttggg	atctggctat	cactgaccca	ccttgggtct	300

<210> 1328

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1328

ggcaaggagt	ttgaatttta	ttcaagaatt	ttattcaaga	atattattta	ttttattctt	60
gaattttatt	caagaataat	ggctagccat	tgaagagttt	aaagtaggga	aacagtgtct	120
tcttattcac	atattgcaaa	gttctccatg	ggctactatg	tgaataatca	gtccaagggg	180
gaggttaagag	tagaagttgg	gagactagtt	acaaagtcac	tgacgtttgg	agattatggc	240
accttggact	gtaggtgata	gggatggaga	tgacgataag	tgaatatatc	cagaaaatat	300

<210> 1329

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1329

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aaggctcagg	actttcctag	gcagataaaa	gaagaaagaa	gctgcttttt	gaaaagaggg	120
atcaagatta	tgacaaaaag	ggagattcag	ccatcagcag	aaccctaatg	agagcctaca	180
aagagacact	gtctactcag	agtacatctt	cagacatcca	gggtccaag	ctactgtgtt	240
tactgttagc	ccttatccat	tgttatgtct	tactgcttta	taactcttct	ttaa	294

<210> 1330

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1330

gtggatacct	ctagtgcaat	ttataagcaa	tatcgttttac	aaaaggttac	agagaagtat	60
ccagaattgc	agaatttacc	tcaagaactc	tttgctgttg	acccaactac	cgtttcacaa	120
ggattgaaag	atgaggttct	ctacaagtgt	agaaagtgca	ggcgatcatt	atttcgaagt	180
tctagtattc	tggatcacccg	tgaagggaag	ggacctatag	cctttgccca	caagagaatg	240
acaccatctt	ccatgcttac	cacagggagg	caagctcaat	gtacatctta	tttcattgaa	300

<210> 1331  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 1331  
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 atctagtctt tagctggggt ggacaatttt gaagctcgaa tgacaataaa taccagcttg 120  
 gaatgaactt ggaacaaaca tggatggaaa tctggggtca agggaaaatg gcagtttcag 180  
 gggaatatac cagggttaata aatccnggaa aaactgnntg gtttgngggg gntccacca 240  
 cttggaagtt gctgnaanna ttgatgnaaa gaactctgaa annaaaaggt gttgggca 298

<210> 1332  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1332  
 aggatatgtt gcactagtgtt ttccttgtga ctggaatatt ctctgcccaa actttgaaag 60  
 gctagttagt tacttctcat cattcgggct taggttaagt gtttcctcct tagagttctt 120  
 ccttgattta tcttcccccc agtctaaagt gccagtcaca ttaatctgtt ttatttctcc 180  
 atacagcact catcactgat tttttaaaaa tctatcttgc catctttctc tctcactgga 240  
 atattatgtg ctcatgaaga agctccttgg ctatcttctt cctgatcgtc tgcgctgcat 300

<210> 1333  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1333  
 aaaaatttta tggacttcta tggatatttc ttgatgctta gagatttggt tttttaattg 60  
 caaatgtgaa tagtctatctt acaaagtcta ttacatatgg agcgggcctg tgggtgatgg 120  
 cactattcct tggactaatg gtacccaggt tccattctct gctcagctcg gaggctctag 180  
 acaaagcccc taaaatgctg tctgcttcag tctccttaat ggtgaagtgg aaatgaatac 240  
 ctactgtcac ttaactcatg gagatgctgg actgataatt agatcatgta agagcacttt 300

<210> 1334  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1334  
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 tctgggggcc acacagctgc tgaggcggcg ggttgaggcg gcccgaaagg acccaggggtg 120  
 ctcaggcctg gttgtggata gcggcctgtg tggagaggag ctgctttagt gcagtgagga 180  
 ggcggacagc atcaccttgg gccggtatct ccggcagctg gcacgccatc ggaacttctt 240  
 gtggttcgtg agcatggacc tgggtgcaggt gcagtggctc acgcctgtaa tcccagcact 300

<210> 1335  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1335  
caagaagaaa catggcggct atctctct cacatcgaaa aggaaatttt gaaatcat 60  
ggaaaatcta aaacgtgctg tgaaaacaaa gaagagaaat gttgcaggaa agattgttta 120  
aaactaatga aatacctttt agaacagctg aaagaaagg ttaaagacaa aaaacatctg 180  
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaaccct 240  
caagacagtc agtgggaccg caaagacctg ggcctctgct ttgataactg cgtgacatac 300

<210> 1336  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1336  
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tggcagagga attgtgccag acatctgtgg attttgctac ccagcagcat tcgctcttct 120  
cctggttgtg gggccccagc cctgttgcta ttacctggaa ctaaagggtta agatgatggt 180  
tcaaagatga agccaccatg gaagagagca tagcggacag atggagagaa actgcatcca 240  
ggtgacccca tttgtactaa acctggttac ctggtttttc tttagtacat atgccagttt 300

<210> 1337  
<211> 292  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(292)  
<223> n = A,T,C or G

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aaaatactgg aattattaaa acgtatagta tgctagctat ctttttaaat tatgctaatt 120  
ctcttcttct gaaattatgg tcacactata tactatagca tttcggtttt atcctttgat 180  
aaaacttttc ttttttcttt ttttttttga aacaggggtct naccctgctg nanaggctgn 240  
agngcagggg caaagnctcn actnantgca gccttgacct ccnggnccca gg 292

<210> 1338  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1338  
caaagtcata ccaaaacttc acttaagagt ccctaccctt actccagtgc ttatttcatt 60  
atctagcaga atgtaccttt atttgattca ctatttacca ctgattaaag tggagcgtct 120  
gtggagttat acgttacttt gtagactttt gtctagtga atacaaaaga caaccccaaa 180  
ggttataatt tttttgccta tagaacattt caggaaacag gagtaggatt tttgtctata 240  
atatagcaaa cttgcttcaa cataccttcc acaacttaca aatgctcttt gaaccagcct 300

<210> 1339  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1339  
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tggttccact agcctcatgg agcctggcct tacattgcag agtccaaagc aggagctgag 180

ggaaaatgaa	aaacaacttc	tccaccg	gaagcccagc	aaactttctc	tccaatca	240
ctgggtcaggg	ctgggtgcag	tgggtcacac	ttgtaatgcc	agcactttgg	gaggctgaga	300

<210> 1340  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1340						
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gtcagtgaag	gtcatgattc	tgaagatatt	ttgagcaaaa	gtaacctgaa	cccagatgcc	120
aaggagttta	ttccaggaga	gaagtactga	gccgagaaaag	ctttgaggaa	gacttgtctg	180
tccccacatc	tggggatagt	aatgcacaaa	atgggtggagc	tgaagagggg	gatggggcgg	240
gcgagggggtg	cacagcggga	aggggagtg	tggtctcaca	atactgtgac	tctgagtaac	300

<210> 1341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1341						
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tcccacctac	ctgcacatct	gccacagctg	gccctggggc	cacccacga	agggcctggg	120
cctaaccctt	tggcctggcc	cagcttccag	agggaccctg	ggcctgtgac	cagctcccag	180
acactacctg	ggtagctcag	gggaggaggt	gggggtccag	gagggggatc	cctctccctt	240
ggggctgccc	ctgtggaggg	ggatcccgcc	tctagaacta	tagtgagtcg	tattacgtag	300

<210> 1342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1342						
aactgaccta	agcctcagtt	tttcagatct	gtagtactta	ctttacatga	ttgctctttg	60
aattgaataa	cataatttat	gtgaaaacac	ttaattatga	atgctgtaaa	actatcaaag	120
ccattaatat	gtgttatagt	agcatcatac	attttgcagc	ataatccaga	gaacaaggag	180
ttgttaacaa	gggagaggaa	gataatctgg	ttgggctagt	attatactct	caggtgctac	240
tgacttctta	gatgaccttc	aagatgttag	tacaactctc	tacttggaga	tgctattttc	300

<210> 1343  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1343						
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tatgaagtta	gtgaagtcag	ttgaaatgtg	tatttaaaca	tttgaaggga	tacagttaac	120
attttttttaa	tgagaggaaa	ccattgtctg	tagttcagaa	ataagatgga	gtgttttact	180
tatttaagg	gtaattttaa	aagtaaaca	aagcattggc	ctacaagaga	aaggtgatgt	240
tggtattataa	gtgctttttc	taatcggtta	tattaatcaa	caggtgagta	tattttccgt	300

<210> 1344  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1344

tcttgactga	ggttcccatc	t	tagtt	ctcttaagga	tgtgctattc	t	tagat	60
gcataggagg	gaagttaatc	cag	cttaga	tcagcagggc	tgagttcttt	ctc	agaacca	120
tagttgaaaa	agcctaaata	gaatttttagg	aaagttctat	ttagaaagaa	actaagaatt			180
atgattaagt	tttggcctaa	gcaacttaat	aggcagtggt	atcatttatt	gagaagcaaa			240
tcagataaga	agcagggttat	ggggcttggg	aggaggttaag	ggcagaaagt	tgggtattct			300

<210> 1345  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1345							
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aagtggaccc	tgacaaattc	aatattgtct	gaagagacaa	tctattctgg	ttctgttgga		120
cttcagggtg	tttttctttt	tttgtaaaat	gaaaactaca	aagaaacctg	acttttcaat		180
tttttataca	tgtaattttc	tagaaatcta	ggaagtcatt	tacacatcct	tatataccat		240
gaggggcaaa	agtaagcttt	cttcctccca	aagcaaaact	ctttttcctt	aaggagctgg		300

<210> 1346  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1346							
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gatgtatatc	ttaagcgccc	ccagtgaatg	aacagcatat	aactccacat	aaaaatcatt		120
aaatgtaatt	gacttcocaga	gcaggcagtt	ctgttgatg	cctctggaga	aggctggctg		180
aattggaatt	ggtctgtacc	ttctgcctat	catgtacatg	aggtttttgg	gcaaagagaa		240
ctttccacaa	aataagtcca	aaaattatag	atcatcagac	aaccaataac	atattgatga		300

<210> 1347  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1347							
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tgctctgctt	ccgagaaatt	gatgagctaa	taaaaaagga	aaccaaaggc	aaaggttctt		120
tggaagtact	caatctgaaa	gatttgaaga	aggagatgag	aaatttgaat	gacaccatc		180
agtctcttca	cctctaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct		240
gtggtctgcc	aaataacttg	tcaaactatt	tgacattttc	tatctttgtg	ttaacagtgg		300

<210> 1348  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1348							
gggatccctc	cctccaccgc	ccccccagcc	ccgggacccc	gagtgccact	ccagcctcac		60
cccctgccag	tgccactcct	agccagcgcc	agtgcgtctc	cgcagccacc	agcaccaacg		120
actccttcga	gatacgccgc	gcccccaagc	cagttatgga	gaccatcccc	ttgggggacc		180
tccaggcccc	ggcgctggcc	agcctccgcg	caaactctcg	aaattctttc	atggtcaccc		240
ccaagagcaa	ggcctccggg	gtcctcctc	ctgagggggag	gcagtcctgt	gagctgccaa		300

<210> 1349  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1349

aagaattgna	cgactcttat	tgatgagtgc	aaaatttttc	tatagatttg	aaagtcacta	60
ctaatacatga	ctagctgatt	ataataattg	agagtaaact	tttaaaatta	ttaaataatcc	120
tgtgaaagtt	ggagcacagt	aaccattaac	cctaaatttg	atactatgtc	catatgaatt	180
cagatcataa	tagtgctcta	tcatgtgaaa	ctactaaagg	atgtatagag	ttaaataatta	240
cgtatccact	ttaatgaaga	ataggtatta	cacagtaatg	gttgtttaaa	aaaatttttt	300

<210> 1350

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1350

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gcagaggaaa	gaagaggagt	aggaactatt	tgggaggtag	tattactagg	attttagctt	120
tgaaggggtg	agagaaatgt	caagcctaac	tacaagcaag	gtttctagta	tcagtaactt	180
catatcattt	gaaatacana	nattagcaat	caatgtatan	ancntnctgg	gctaancnta	240
gcatgaantc	tgacttcant	gtagcattga	ggagggctct	ggcctcagat	actgcaccag	300

<210> 1351

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1351

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gtaaggcagt	gtcttgactt	ggaaaggatg	tgtaaatggg	gtgactttgt	agcatgggat	120
gttgctctga	gttaactgta	gtgggtgggg	aggtccaatg	ccctccgcaa	tgcccttcat	180
ctcctgtgtt	gtcctgtacc	ctgctcagct	ccatcctggg	gttcagggaa	ggcacacttc	240
ccagcccagc	tgtgttttat	gtanccgana	tanagnngng	tccgattcaa	nntcatncac	300

<210> 1352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1352

gctattccga	atagccccag	gtgatccagc	tcacaccaac	gtagcaatgg	aagtcagcac	60
ctctgctggg	ccaaggccat	gtttccccag	cctgtggctg	cgctctgct	gtctctccgg	120
gtctcacctg	ggcgggaggc	tcctctggag	gccaggacct	gccttgtag	ggtgcccttg	180

tgaggagagggc gcttgcccaa a cctgtt ccccgggggc tccttggtgg c agggac	240
tgagagctctc tgccagagtg c ccccca gaggttagga ctcccatgac cccgtcccct	300

<210> 1353  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1353	
gctgagtatt tttttcaagt gtatcatttg cctgttaact taaaattcta ttttcccct	60
aattctatgt cccagttttg gttagtgtgc tctgggattt ttgaccatt ccatagtaat	120
agttattact actaccacta cagtaaattc ttacaagaac tttccatgtt ttttgggag	180
aggaggagga gtagttacat tcaggatcat atacataatt gtttagcttc agttctgtat	240
ttatatatgt cacttgtaac tgactgggat acgttctgag aaatacattc tcaggtaatt	300

<210> 1354  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1354	
acatggacaa cagtggcagt ctcaacgctc aggtcattca ccagctgggc cccggtctca	60
ggtccaagat ggccatccag acccagcagt cgaagtttgt gaactggcag gtggacgggg	120
agtatcgggg ctctgacttc acagcagccg tcacctggg gaaccagac gtcctcgtgg	180
gttcaggaat cctcgtagcc cactacctcc agagcatcac gccttgctg gccctgggtg	240
gagagctggt ctaccaccgg cggcctggag aggagggcac tgtcatgtct ctagctggga	300

<210> 1355  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1355	
gattccgagt gtttactaag cctgttgacc ctgatgaggt tcctgattat gtcactgtaa	60
taaagcaacc aatggacctt tcactgttaa tcagtaaaat tgatctacac aagtatctga	120
ctgtgaaaga ctatttgaga gatattgac taatctgtag taatgcctta gaatacaatc	180
cagatagaga tcctggagat cgtcttatta ggcataagac ctgtgcttta agagatactg	240
cctatgccat aattaaagaa gaacttgatg aagactttga gcagctctgt gaagaaattc	300

<210> 1356  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1356	
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tacacgtatt caggaaagac cccaatgatg cntganaact tctactttgg ctnccctaang	120
ntgaatncaa ttcacatctc tnagaggntc accgtaaaca gntttggann ctacccttna	180
tntggacana ttganttctc ctgaggtgga tcttgatatng ctctagaaac tangcatcnt	240
caccatgtgc tgaataanag tgnntcgggt gtaatngccg cgcacgtatg nnnacatttg	300

<210> 1357

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1357  
 ccataagtga cttgcaaagg gcctccccc taggaaggcc tcagcaaatt ttcagtgaac 60  
 tcaagttcat tgatttccaa tttgtgaaat aaactagagg gcctctctga actacctgcc 120  
 tcatgagaat gactgtgaag tgtagtcagt ttaaaacaaa cagacaaaaa caaagctaga 180  
 cagcattaca ggtttctcag aaagaaggaa ggttcaagtt cacattggta ctggtaccac 240  
 gttgccattg ccctcctaga ctgttctctg caagctttct atttactgga ggctggaata 300

<210> 1358  
 <211> 86  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(86)  
 <223> n = A,T,C or G

<400> 1358  
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 tggacgtgnc nggggacggg gggact 86

<210> 1359  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1359  
 ggctgtgttg tgtgtcttgt ttgatgtaaa gatagtttct gtaatagttt tgcagtttga 60  
 ttgttcatct ttaggtcttc aattacaacc tgcacatcca tccctctat cctctttctt 120  
 actctgtttt tctccatagc acttatcatc caataatatg tcatgcactt tatttatctg 180  
 ttttgcata atattttgtc tgttacctgt ttccttccac tagaatgtaa gtcccatgag 240  
 ggcagggact tgcacttatt ttgtttgtgg ttgtatctct aacacctggg atagtactg 300

<210> 1360  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1360  
 gctgcttcat taaactcttc ttgagtgagg ggaatgagga ttgtcctaatt cccttggcac 60  
 gaggtgttcc tgggccttgg ggagctgctt ctgtcctgca actgggcagt ggttgccgac 120  
 atcctgctga tctctagtgt cctgcgggcc aggcgcctg actcctatct gcagcgcttc 180  
 cgcagcctgc agcagagctt cctgtgctgc gcctttgtca tcgccctggg gggcggtgc 240  
 ttctgctga ctgcgctgta cctggagaga gacgagaccc gggcctggca gcctgtcaca 300

<210> 1361  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1361  
 gttacaggga tcttgccact taaagattca atctttttaga ctggcaatga ggattcagac 60  
 aactcaatct ttgtgtaaat acttggtaaa gcaacaggac acagaagagg aatgctggaa 120



aaatctgggtt	tatgaaaaca	g	caaac	caagttacta	accaacctcc	c	ccctc	180
caggcacaca	aaaacatttg	cc	gtgtact	ctgccaatgc	ttgatttaat	tac	tatacac	240
actcaagtgg	ctgtaaaaaa	acccaacaga	acagaaacca	ttaacatct	gaatagtgt			300

<210> 1362  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1362								
cagctatcac	aagtgttaat	gtattttatg	tgtagcccaa	gacagttctt	cttccagtgt			60
ggcccaggga	agccaaaaga	ttggacatcc	ctgtgttaga	ccatcatttg	tttgctatat			120
gatgtcatag	tggtagaatg	gtcacttaag	gtaaaatctg	aatagagaaa	tttggcagaa			180
atcataggaa	tttctgtttg	aaggcataat	gaggggttaat	catttttcat	aatagatgtt			240
aagattaata	gtaatcatag	cccatattta	ttaagcactc	gccacacact	ggtttcgaga			300

<210> 1363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1363								
aatacacaca	acataataaga	catggcaatt	aactgtttat	gttatcaggt	ttaaggcttc			60
tggtcaacag	taagctatga	gtagttaagt	ttctgggggg	acaaaaattt	ggttgtcaac			120
tgatgggggg	gcggtgttgg	caccctaac	ccgtgcactg	ttgaagggtc	aattgtactg			180
tatttatata	tgccagcagc	tctccaactg	tggtctgcag	atctcatgag	gtctcctttc			240
aggggaccca	catgggcaaa	actatattca	tactactact	aaagccattt	gcattttcca			300

<210> 1364  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1364								
gaaaagcaca	ccccaagttc	gtacagatcc	cgtaccccat	tcttatcagg	tggaagttct			60
gggggctgag	aagtccaaga	tcaagggtgt	gccaatttgg	ttcctggtga	atgagcaaac			120
agcacagaaa	aagaaacagc	agtatatgtg	gaagaaagca	agaaaaatca	actggcctgg			180
aacctaagac	ttgtccaaag	atgtcacaga	gagtaaaatg	agaaaaatcc	agtagcccgt			240
gccagagca	gttctctgta	cccagcagaa	gggaacgatg	ctcttcccaa	ggaaggcaga			300

<210> 1365  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1365								
ctcatcacac	tggtgtatac	ttcgtagcta	ttactttctt	aatccccaag	gacttgttta			60
acaaggtatt	cttcagtttc	tacttcttag	ttcctttgtg	gaactggtta	aaatttaaaa			120
tatcttaaca	taatatttta	tttcaaatga	taaacagtaa	ggtaaaatgt	ggtttttctt			180
ggacaactta	tggtagaatg	atgtctagaa	tatttagtta	tgtcatttaa	tacttttttt			240
ctttacaatt	taaaaaaaaa	tttattttat	tttagattca	gggggtacac	gtgcaggttt			300

<210> 1366  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1366  
tagttttaaa tttagcaatt tggattgat acagatgaaa cacctagata taactttt 60  
tattgagagt tggatgacaa attgtacatt agctagaaag aaggaaggaa aactgatgaa 120  
aatTTTtacag tataaagtgt atgggtaagg tacacaaatc ttttttttct cttttttttg 180  
ggaccactgt cagaaacaaa atTTTgttca tcacattatt ctaatagaac gtctcacaca 240  
gcatgcagtg agctattgaa gtttattgtc ctaggaggta ttaacgaaac gaatgaactt 300

<210> 1367  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1367  
gctgggctag cagaaaacct caggcatctg tgaggacatg agtttacaca cgctgagact 60  
cacttataca aaaatgcaac ccaattccac ccctgaattg aggggagtg c atagaagtga 120  
atgtcccgtc tttctgaggt ctgttgattt tgtaattagt aaacgaaggg tgcatttctg 180  
atTTTttttt cttgtgtgct agaattcatt gctagtaaaa ctcaagataa tagcgatgag 240  
taggaggtat caaagatgaa ctgtataggg acagtttaag ttacttaaga atcgtcagca 300

<210> 1368  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1368  
tctgggacca ataatgtttt aaaaatatat tcatttgaga ttcagaaaac ttgcacatca 60  
tttgctactc ctatcatctt aacagtgaag aaaactgagg cctagagaca ttaagggggg 120  
tgcagggtcca gagacatgtc tcaagaaagc attgctgtta aaatgtgcag ttcgtggggt 180  
ttcagttcat ctcttaagaa accaagtcaa tcttcccctc agggaaaaaga aaagaagtag 240  
caataagcaa tttgttaata tcaactactc ttatcaaggt aaaaaatgcc tcataatcag 300

<210> 1369  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1369  
agcagattca gtgtcgatga gagcctgctt cctgcttcat agatgataga agtgcaaagc 60  
cagctgtctg ggcctttttt atgatactga tcccattcat gaatgctctg ccctcatgat 120  
catttcaatt cccaaaggcc ccacctccta atattatcac agtgataatt gggttttcaa 180  
cacatgaatt tgagagaaac acattcagtt cctagcatta gcttgcttat atttatttca 240  
tctcattctc tctcatagct tttatttttg tttcccctgt ccaatttatt atagtttttt 300

<210> 1370  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1370  
gttatgagtg gtcattgtga aaatttgag gaatacaaaa agtagaagaa aataacagtt 60  
ctatatacta gagttaacct ttattaactg ttttgcata tgacatcaaa atgttatatt 120  
attacctgtt aaatttagta tagtatagta tactaaaaca gtatgtttac aaaattgaac 180  
tcaactgtga gatattacag gttttattca tgtaacacta tagagtgtct attgtcacat 240  
gtcattcaag ttcttctaga gtgtgatttt ctcaggcaca tattgcacag atgctctata 300

<210> 1371  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 1371

accaaactg	gagtaaagt	gttgaaaaa	aagaaagtat	aaaggggctt	attaaagtgg	60
ttaataaata	tgatttaggt	tggtttttga	tatgtttttc	ttccaactgt	tatataagaa	120
actactaatg	taaaatagta	ggctatatgt	tgggatgtgt	atagctatgt	cttcaagact	180
aatactcaga	gaatcaaatt	gtagattgta	cctatctgtg	agcctatttc	tttagccagt	240
tttctgtcta	ctgccaaaga	acagaattct	ctgcctcatg	caaatgccct	ttcgtgttta	300

<210> 1372

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1372

aaaaactggt	agagagggag	aaaggtacag	tgattaagcc	acctgtggaa	gagtacgagg	60
aaatgaaaag	ttcatattgc	tctgttattg	agaatatgaa	taaggagaaa	gcatttttgt	120
ttgagaaata	ccaagaagcc	caagaagaaa	tcatgaaatt	aaaagacaca	ctaaaaagtc	180
agatgacaca	ggaagccagt	gatgaagctg	aggacatgaa	agaagccatg	aataggatga	240
tagatgaact	caataaacag	gtgagcgagc	tgtcacagct	gtacaaagaa	gcccaggctg	300

<210> 1373

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1373

ggaaaaactg	gtagagaggg	agaaaggtac	agtgattaag	ccacctgtgg	aagagtacga	60
ggaaatgaaa	agttcatatt	gctctgttat	tgagaatatg	aataaggaga	aagcattttt	120
gtttgagaaa	taccaagaag	ccaagaaga	aatcatgaaa	ttaaaagaca	cactaaaaag	180
tcagatgaca	caggaagcca	gtgatgaagc	tgaggacatg	aaagaagcca	tgaataggat	240
gatagatgaa	ctcaataaac	aggtgagcga	gctgtcacag	ctgtacaaag	aagcccaggc	300

<210> 1374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1374

gcgggacctt	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	60
gtcctagcta	ctgaggaggc	tgaggtggga	ggatcacttg	agctcaagaa	ttcaaggctg	120
cagtgaagta	tgatggcact	actgcacttt	agcctgggtg	acagagttag	accctatctc	180
acaataaagt	aaaataagaa	ttaacacact	cataataact	atttagttaa	taggaaactc	240
tgtttaagcg	atattgctta	tatttctctc	tcatgctttt	gtaggtctgg	actcatcctc	300

<210> 1375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1375

gaaagataga	aaatcaccca	ggggcctgta	ggctggagct	tctgtagacg	cacagtggac	60
actgccgaga	aacaggcctc	atttctccca	tgttcccgtc	cccgctcccc	gtttcctgca	120
tgactgcttt	ggtgccccct	gactccagaa	tcaacaccac	accagctctg	ccttttagact	180
ctgcccagag	gctctgggct	ggatactgta	tttgggtgca	ccctctgggg	catttttgca	240
agttttcagg	cagatgggtg	ggggagcagt	gaaggaagga	ggaaaaaaga	caaagcacia	300

<210> 1376  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1376  
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 ggatgccctc agccaggacc agctggaaca aatgatactc acggaggagt tgcaggccat 120  
 ccgccaaaggc atccagggcg agctggagct caggaggaag acggatgctg ccatccggga 180  
 gaagctgcag gagcacatga cctccaacaa gaccacaaa tacttcaacc agctcatcct 240  
 gaggtgcag aaggagaaga ccaacatgat gacacatctt tccaaaatca acggtgacat 300

<210> 1377  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1377  
 agaggaggag gaagaggagg aaaatgggga ttctgtagtc cagaataata acacttccca 60  
 gatgtctcat aagaagggtg ccccaggcaa tcttagaacc ggacaacagg tggaaacaaa 120  
 gtcacagcca cactccctgg ccacagagac cagaaaccca ggaggacagg aaatgaacag 180  
 aacggagctg aacaagttca gccacgtgga ttctccaaat tcggaatgca aggggtgagga 240  
 cgcgaccgat gaccagtttg aaagcccca gaaaaagttt aaattcaaat tccctaagaa 300

<210> 1378  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1378  
 ggctcctcat ctttagcatc cttctcgtct ttgactatgc tgagctcatg ggctcaaac 60  
 aggtatacta ccatgtgctg gggctgggcg agcctctggc cctgaagtct ccccgggctc 120  
 tcagactctt ctcccacctg cgccaccagc tgtgtgtgga gctgctgaca gtgctgtggg 180  
 tgggtgctac cctgggcacg gaccgtctcc tccttgcttt cctccttacc ctctacctgg 240  
 gcctggctca cgggcttgat cagcaaagac ctccgctacc tccgggcca gctacaaaga 300

<210> 1379  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1379  
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 taatcaagct ccagtacagc ttgtgtcaag acctagtaag accaccttta atgtgttcct 120  
 ggatatgaca ttaaaaacta acttgaaaat tgtaggata tttccttggt cctactttt 180  
 attgtaaaat ctactacatt cttaagaatt aaaaaacgcc atttcagaag agatgatagt 240  
 tttatcttgc caaggaatta tcttcttagt agcctatatt ggcttattcc aaaaaaggcg 300

<210> 1380  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1380  
 gccatttatc cttttatatt tgattggctc agtgattttc tttacttaaa tgtagcattt 60  
 atcaaccaca actagcagtg catgttatag tgttaacaga aaattccaca ggaccctctt 120  
 cacactaggg aaggggacca tctgctactt tcatattagg atgtcaggat ttagaggta 180

atgtgtttcc	tcatacaaggc	t	gcttt	gggaatccgg	ggaagtgtca	g	caagc	240
agcacagcct	gctcaaactt	ca	tttaag	cactggacaa	gacactgttt	cca	ttcctac	300

<210> 1381  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1381							
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ggatggtcct	gatctcctga	tcttgcgac	caccgcctt	ggcctcccag	agtgctggga		120
ttacaggcat	gagccaccac	acctggccac	agaagggatc	atttctaaat	agcatagaat		180
cacagggagt	acacctcatg	tgacttcacg	tttagagtca	gcatttgctc	ataatgaatt		240
acatatcagt	aaatgaacat	gacatgcttc	aacttcaata	atattaaaca	aaactctttc		300

<210> 1382  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1382							
caggggggtca	gctctggtaa	aaggcttggg	aagaaggagg	ctgagagtaa	cagccaacat		60
aaggtttttca	gattatctac	atccaggctc	gcccccaacc	ctgtcctcag	gaatcactga		120
atgcagccat	gacactgaaa	tttggttttc	attcattatt	ttttcattct	tacaataaac		180
gtgggttttat	aagttagtta	aaaagtcttt	ttcaggatgc	cgtagtaaac	aagagtcctt		240
tttgagcatt	tccttagtaa	acgatgaatg	gctgctggtc	aagcttggtc	tggcaagtct		300

<210> 1383  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1383							
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tgcattgagat	gaaatacatt	tagcacttgg	taagcactct	ataaatatgg	caatatgata		120
gtccctgact	catcttcctc	tctgttgccc	tttaaacagg	tgagcaccta	gccttggttg		180
ttttatgtgc	tcaacagcag	ttgactcccc	tggctcctct	cacccatgct	actgcgtagt		240
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<210> 1384  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1384							
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tgggaggtgg	gaggggaaga	attgcaaagt	gtgttttgcc	attgtttatt	agaaaatttc		180
agcttaatcc	attgtgtata	tgttacatgc	atttcattta	actttgctat	actgtatata		240
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<220>

<221> misc\_feature  
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 acagggtgcaa gntctggana ccttttgctg gaataacctt gntttttttg tncctntttn 180  
 nanntttncn nttttcnntt tncctnagna nttntttmn tgttttntn nttntntnnt 240  
 tnntgnnttt ttttnagctct nttttntan tttttnttn tntntntan cttttttatg 300

<210> 1386  
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 <212> DNA  
 <213> Homo sapiens

<400> 1386  
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 cacacctgtc tgtggctttt gatgagcatc tgaatgcagg ccaaacttgg cctgccaaac 180  
 agtttctgcc gttgtttgta ccagttcaca ctccctgcc aacagtttct gcaatgtttg 240  
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<210> 1387  
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 <212> DNA  
 <213> Homo sapiens

<400> 1387  
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 aggagcgtga gcgagggtg ctgctggctc agcaagaggc ccgtacagaa ttcctacgga 180  
 agaaagccag acatcagaac tcaactgcctg agcttgaagc agcagaggcg ggagccccag 240  
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<210> 1388  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1388  
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 ttgttcttca aacctggtag tcagtttttg tattcaactt ttggctatac cctactggca 180  
 gccatagtag agagagcttc aggatgtaaa tatttggact atatgcagaa aatattccat 240  
 gacttgata tgctgacgac tgtgcaggaa gaaaacgagc cagtgattta caatagagca 300

<210> 1389  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1389  
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 gataaaaagt aatgatgggt acatctgaat ataagttaga tcatgacact cactcctttt 180  
 ttcagaaact accagtggca tcacatctta ctacagagtaa aaaccacagt gggcttactg 240

tgggctgcaa ggccctcgtag g gcccc ccatgacttt ctgacttcat c gtcac 300

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<212> DNA

<213> Homo sapiens

<400> 1390

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taatattttc	attttcttct	gttattctta	gatecttttg	tagattgtaa	actccatgaa	180
agcaggatac	cttcttttgc	cctaaggctt	ggcccaaaag	agataccaaa	aaaatacttg	240
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<210> 1391

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1391

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gtgcagcctc	cacagacact	gggaattgct	cctgacctat	ggaaaacaac	tttctttcca	180
agaaaattat	ttttagtcct	ttggtgtaaa	gacacagtcc	tgagttgttt	tcacttactg	240
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<210> 1392

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1392

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tacacactaa	aaaccaaata	tgtgatctcc	agcatcacag	aaatgaaata	aggatttttt	180
tttaacttag	gtaatatg	ttgaactgta	gtaattcaaa	tgtagcaatt	tcaaaggtag	240
aatttcccat	gtattactat	actgcttcac	atcagctcta	ttaataaaaag	tagaacagtt	300

<210> 1393

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1393

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ggagttttat	gcctgtacca	gcagagggtc	agctttccag	gaatctcatc	atgatccata	180
ctgctgacac	aggcctttgt	cacctgaagc	attcttaaaa	taaggagact	gacattaaac	240
aggacaattg	tgaactccac	tttgtaagca	tcatacatat	cttacaactc	attctgaaga	300

<210> 1394

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1394

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ctccagcctg	ggcaacaaga	gcaaaactct	gtctcagaaa	atatatatat	atccctaaaa			240
ctacctcagt	tgaagaattc	aaagtgc	aaa	ataacttttc	ttaggatttt	ttaatctatt		300
<210> 1395								
<211> 300								
<212> DNA								
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cctcccaaag	tgctgggatt	acaggcgtga	gccactgtgc	ccggccccag	ttaggctttt			180
gcaattacct	agatcagaga	taatgatagc	tgtgactagg	aggacagtgg	ggaagtgaca			240
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<210> 1396								
<211> 300								
<212> DNA								
<213> Homo sapiens								
<400> 1396								
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atttttgcag	tacgatgtgc	ttgaagcact	taacatggaa	aaaatgatgt	cagccatttc			180
ctgctggatg	gaaagcgc	gacactctgt	gggtatcaaca	gaccaggaaa	gtgctgagga			240
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<210> 1397								
<211> 300								
<212> DNA								
<213> Homo sapiens								
<400> 1397								
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gattatccac	acagggtccc	gccccgtccc	gggctggagt	tgccacagcc	tgtgtcctg			180
gtcctcacct	ggaggggcca	gcaggctgcc	gtcccaccac	acgtggcctc	tgcgcccagc			240
acgggtgctct	ccgacagtgg	tgtctgaacc	cttggggacg	agggcctggg	ccgcggtgag			300
<210> 1398								
<211> 300								
<212> DNA								
<213> Homo sapiens								
<400> 1398								
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cctcagtgtc	tgtagcccc	aaagcagggg	cacagactct	gttagttatt	gatactgctt			180
gttcgtactg	aagagtatca	aaaggtgggg	agaacattga	aaaccaaagc	atcctgagta			240
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<211> 300								
<212> DNA								
<213> Homo sapiens								



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 ccttgatacc aaaaataagg ttttggggca taacatcctt atgaattcaa atgttagtca 180  
 tttcacatat cttccacttt atttcattaa gtccttccta gtagacactg ttcaaacatt 240  
 attcaccatt tactaatgct gttacaacat tatttttagaa gatggatatg gatagctgtt 300

<210> 1400  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1400  
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 ctgctgtctc cttctcttcc tcagggctcc cgtgtctgct cgccctccga cgctgctcag 180  
 actatggaaa tgatgttaga caaaaagcaa attcaagtga ttttcttatt caagttcaaa 240  
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<210> 1401  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1401  
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 tgagtgtctc acatcatggg ctctgtctgt gagagaaaaa tcccgggtgt tgggtgtcctt 180  
 gcatgacatg gagttttgca tgtagatcaa tttaaaatgt acctcttggt tacataattt 240  
 gcataatttt aaaagataat gttgccaaac tttggaaatg ttaatgttca gactgaaaat 300

<210> 1402  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1402  
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 gataaagcaa gattggaaaa tcaagaaggc attgatttca taaaggcaac aaaagtacta 180  
 atggaaaaaa attcaatgga tattatgaaa ataagagagt atttccagaa gtatggatat 240  
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<210> 1403  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

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 gctgtttttt ttttttaatt gcaacngctt ttntgcccng cctntnttcc ctacccaaaa 180

gngatgagtt	ctgancaaga	c	ctgtc	atattgtaaa	nactttggta	t	tncca	240
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<210> 1404  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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tttagtgatc	cagaatttcc	ccagagctta	aagccactgc	agtaaattag	ggtacgtagg			180
atattcagtc	gctactagcc	ccaaggagtc	tccttattta	atggacctcc	ctcagtactt			240
aattcctgca	gagcgctca	aagtggggga	agagaaatga	ancaantcnt	gggctcaagt			300

<210> 1405  
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 <212> DNA  
 <213> Homo sapiens

<400> 1405								
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tccttctgag	tcagtgtgaa	tggcaggagc	accacatgtt	cctttctctt	cagttcacac			180
acattgagtg	tcttcatgtg	taagtaacaa	cagagactga	gggcatatgt	attgtgtaaa			240
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<210> 1406  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1406								
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ttctttttgc	tatgaactta	tcagtcagcc	cagcgtctgt	gagacggtgc	ctgcttgcac			180
gggtgcagtc	agagtgtatt	ttgcaaacgt	ctagcactgc	ctttatgtag	gacgcgtgct			240
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<210> 1407  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1407								
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atattcatag	tttctgaaga	tcaggatctg	gatttctttt	ggggcaatta	ttcagctaac			120
cacatattat	aatgaggaag	cacttcttgg	gaggcatcat	aatgcttgtt	ttttcttttc			180
ctaaatagag	tatcactttt	acccaaatgg	aataactcgc	tgggttattt	tactgagctc			240
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<210> 1408

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1408  
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 ccacccgcct cggcctccca aagtgctggg attacaggcg tgagccaccg cgcccggccg 120  
 aaagccaact cttatgccta gaaatatgtg cacctatgac caagcccatg aattatacag 180  
 gaattatgta attatgagtg atgtacttca aagttattgc acatacactt gtttactttg 240  
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<210> 1409  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1409  
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 catgcaactg atgtttgttt tttaaagggg aagatgctgc ctcccaatgg gtgatgccat 180  
 ctgactgggt tccccatgtc ctcccattca cccatctctg ctcccaccct tgcctgcctc 240  
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<210> 1410  
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 <212> DNA  
 <213> Homo sapiens

<400> 1410  
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 aagctccgac acttgctcca gaaatagctt caaaaccatc cattacaaaa tcgaatcaac 180  
 tgcagggggc agcatttgaa aaatagaaat gttctgatga agaactctgaa ctgaagaagc 240  
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<210> 1411  
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 <212> DNA  
 <213> Homo sapiens

<400> 1411  
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 tgtcgtcctt ggcagatttt aaagttcttc cagcctgatt cctctctctg tttgggtctc 180  
 tggcatggtg cctgctggag agtagatact tgataattat ctattggggt ctcaggggat 240  
 ctctcaaagg tggatttcag gcaccacaa ggcaactccc atcacaagaa agaatggtgg 300

<210> 1412  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1412  
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 tactgatcac ctaatatgta ccacaaaaaa atgttctaga tacttacaac acattagtaa 120  
 acaaaatcgt aatccctgcc tccatggggc ttactttcta gtgtaaggag acagacaaca 180  
 aacaaaaagc ctcatatata gggatattat aatatggtat gttaaaagggt gataagtga 240

acatagtaaa aaataatgaa a ggcagg ataaaggggt attgggtgtg a gtggc 300

<210> 1413

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1413

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ctaaaatatg	ggtattatgc	ccaatccaaa	tttcaaaaac	gtgattctaa	gtgaaagaag	180
gcagatgcca	cagaccaggt	attttctagt	accatttttag	gaaatgtcca	aaaatggcag	240
atcttcagaa	acaaagtaac	tgcaaattgt	acaaggaatc	tttttagggg	gacgaaaatg	300

<210> 1414

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1414

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agactctggg	gttacaaagc	aaagaaaacc	tggcctctgc	cctgctcaga	gaacagcagg	180
gatacagcat	gttagcaaat	aagtatatag	tgtggaaagg	tctgtagtca	atagcagtca	240
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<210> 1415

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1415

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tttcttatat	ttccttaaat	agatttcctt	tctttttgga	ttaagaaaaa	ataaacagaa	180
aattaaaatt	tgaacatatt	ataaaaatga	aagataattg	taaaatcttg	gtttggagag	240
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<210> 1416

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1416

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acaaaaatta	tattctgatt	ttctgagtc	atgaacacat	tgtccaaatg	gatttttcta	180
gtcctccaa	gttacagata	gttccacgca	cacacagaac	tcaccactct	caaatatatt	240
ccccactagt	attactatta	aatttttcaa	acatgcaaaa	gatgaaagaa	ttgctcagt	300

<210> 1417

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1417

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tctatcccat	ataacactct	tt	tattctt	ccctgaacca	tattgatgat	ataaataggg		180
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<210> 1418  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1418							
aaataagctt	ttcttttaaat	taattagaaa	ttacttgtag	gaaatgtata	gaataacaat		60
gatcattttt	tttaactaaa	tgatttacia	tagtgagaaa	gttgaccttg	agttacatgt		120
tgaaagaata	gtatgtaagc	tggaacaga	aattgaaatt	gagacagatt	tcagcaccac		180
tgttggtaac	aggctcttat	tccagaggaa	acatgtcagt	tttttattag	tgagtaaagg		240
atctctgcga	agctttaaga	atatctcatg	ttgagtattg	acatgtattt	tgaatgatga		300

<210> 1419  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1419							
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gctttgcaaa	gattaatcta	gcagcaacag	attggaagca	acaccacat	tcctgggtatc		120
agtccaggta	aaatatattt	cagctcttta	ctggagcaat	aacagtaata	ttagaaggag		180
aaataaaaaa	gaaaaatatt	gcacaggcag	aatggggagg	tcccagtgat	ggagctgatc		240
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<210> 1420  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1420							
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acatatgtaa	tacacatctg	tgtacacaga	aaccggcacc	tgccagacag	agctgggttct		120
aagatttaat	acagtgcttt	ttttcctctt	tgaaatattt	tactttaata	ccagtgcctt		180
ttcttggtga	acttcttgga	aaagccacca	attctagatc	ttgatttgaa	ttaatacaca		240
caatatctga	gacacttaca	cttttcaaaa	gatttggtga	tgcatgtcct	aattagagta		300

<210> 1421  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1421							
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atcaaaaagt	gggcgaagga	cacgaacaga	cacttctcaa	aagaagacat	ttatgcagcc		120
aaaaaacaca	tgaaaaaatg	ctcatcatca	ctggccatca	gagaaatgca	aatcaaaacc		180
acaatgagat	accatctcac	accagttaga	atggcaatca	tagagctttt	catttatctg		240
agtgttttcc	tctgcttgct	gggacttggt	ctttcacgag	ctcctgctct	catatcaggg		300

<210> 1422  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1422  
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 aagctagtcc ggcattgtgaa gaaacaagaa tttgcccaga agaggactgt ggagaaacct 120  
 ctgaggcctc cttccagagt aaggccaatg cagtagctta tttccaagcc ttgcaaagta 180  
 tataatatct aagaggaaaag gttttgtcat cccagcgttg tccactttgt ggggctttgt 240  
 aggttagacgg agccacacta caggcagggt atgagcagag ggatgtatgg agtgtgggtg 300

<210> 1423  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1423  
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 atacttgatt gcatgagtca gtttattgta gtttttgatt tctgtaaaat aagagaaact 120  
 tttgtattta ttattgagta agtgaatgaa gctattttta aataacgtta gaagaaagcc 180  
 aagctgctgc tgttacctgc agaactaaca aaccctgtta ctttgtacag atatgtaaat 240  
 attttgagaa aaagtacagt ataaaaatag ttattgacca catgctacca ggctctgcag 300

<210> 1424  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1424  
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 ctgttcgaaa taattgcaga gaaagcttgc caacggtgat aagtaggttt gtctagcagc 180  
 actgatgcgt cgtggaagtt gatggtcatg aacatacagt gtgataacct atctgccctc 240  
 ttgacctttt ctagttagtgc tatgtcattt tggactaag gtaggtgaat tttccaagtg 300

<210> 1425  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1425  
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 cctgggtgct tttcctgcta cttccgtgg ctgcatttgc ttaacttact cttctgattt 120  
 cagtctcaat gctgcttct taggggtaag cttctctga ccctacattc tgtagagata 180  
 cccccattct gccattctct cttttgtggc ctgggtttca cttgtaacta agtcattatc 240  
 cctgtatttg gtttgcttag tacatgtctg tctcaagca ggggctggct tcaggctgct 300

<210> 1426  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1426  
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 aagataaagc caagactgtg cctttaagc ctgctgttaa gacctgagaa ggtagtgcct 180  
 tagcatcctc ttcagtcaca ctcaaggcct ctccgtcaaa caatagggtc tctagccttt 240  
 ttagcaggag cccaaggtag aggtagaaga gttcctcttg gagagatcta tgggtatagc 300

<210> 1427  
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1427

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attataggcc	acgtgccctc	ggaaacttgg	gacagtactg	atgcgttctg	ttgagtgcgt	120
ttggcatgtg	ggaattgtga	tgggtgcacag	tgtcttggcc	ttcactgggt	tttgtaggca	180
cactaagggt	tccatttcat	tcttcttcag	ttgccctggc	ccagcctggg	tctctgggta	240
gagcacctgc	aggggcagtg	gacggcctgg	gctcagggtc	ggtcagcacc	tgagaccagc	300

<210> 1428

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1428

agaagctcca	ctggcacttt	tgtattcaca	actaccgggt	gcgataaggc	agtgaggggt	60
attatgatac	cccttttcac	aggtaaggaa	acaaggctca	gagaggttca	acaacagagt	120
cataattctt	cttggtggag	aattcatttt	gttacatttc	attcccacca	tctgcagtaa	180
gggagaccca	ttaaaatata	gtatcctgat	ttttaaagag	aaggtaacat	taaggccagg	240
aggtttggga	tttgcccaag	ttcactgtgg	gcttctggac	tcccatgccc	aacagcctcc	300

<210> 1429

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1429

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ggtgacagag	caagactcca	tctcaagaaa	aaaataaata	aataataatt	tgtgtatgtg	120
atgactgact	ctagtcatta	tggaaaataa	cttttggcag	tttagttcct	acttggtaac	180
aattcctctt	tttaagagag	gtactacatt	tgatttctca	atttctcagt	ttgttttcaa	240
tacaaacagc	aaccactgaa	atgcagaaaa	tggaatcaa	gtgtgatgtt	tctataaaaa	300

<210> 1430

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1430

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gtgggaatgc	cgtgggtgaat	gagagactag	acgtgatgcc	tctgggggtt	gtgcgttggg	120
gatgcatgcg	acagcccatg	acccgaggca	ttctcagggt	atctgtgctg	tgtgcccgtg	180
agaacatctt	cccatgacca	ctcctgccct	cctgccccgt	gctggatctt	ccctccccag	240
ctgggatctg	ctcccaggca	actgtgtgaa	ttttacatta	tttggagcct	catctgtgtc	300

<210> 1431

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1431

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tggtttttcac	tagggttttc	tgaaccacag	cagaaacagg	gggcctgaag	gttggttagag	120
taatgagctt	gcagccaaca	tatttttagct	ctatcaaaaa	atgcctgtta	gtgctcacgg	180
gcatgtactg	cgagagagat	cttgaatgca	tcactttgggt	atcctaagaa	gtgtaatttt	240
tttcctcgt	catactgggc	tgtgtttaga	cctcgtataa	tacataatga	atagaaacag	300

<210> 1432  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1432  
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 taaatatgtg taagtaaaat aaaatggtaa cttgtttttt ataagagggg aagttgggtg 120  
 gttttataaa ttaaatgaac atttatgcgg tcggttattt ttacgtaaaa atagtgtgta 180  
 tattctaggg taacagaaat ttagaaacct atttttctgt agaagaaagg tgttgctatc 240  
 tgcttttgat ttctcagata tttgcttctc cttagaatgc tatgatcaga tttttattag 300

<210> 1433  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1433  
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 tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggctctgat gttagaactg 120  
 gattctgact taacccactg tttgccaca tcttgagcct tggtttccct atctgtaaaa 180  
 tggcagtatt ctgggctgg ctgaggaaag gaaatgaggc caggcgcggt ggctcaggcc 240  
 tgtaatccca gcactttggc aggctgaggc atgtggatga tttgaggcca cgagtttgag 300

<210> 1434  
 <211> 139  
 <212> DNA  
 <213> Homo sapiens

<400> 1434  
 gtggagctca cctatttgga atatggggca tttgtttttt ccaactgcaat gatttcagtc 60  
 tggtttcac atgttggaat tcgatcacac cattttcaaa caatgttaac atagtccagc 120  
 ttttgttccg tttagggga 139

<210> 1435  
 <211> 239  
 <212> DNA  
 <213> Homo sapiens

<400> 1435  
 cacactccag gctgagaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt 60  
 tggggtgtgc tggggttggg acccgagcgc cttcccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtgg 239

<210> 1436  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1436  
 ccttgaggca catcacagtt tgaaggacct gtttaagttg aaatagactt tgcttattta 60  
 ttgggattct aaaaaattct gagtgagttt gcagtatgag aggaaataag atttctcct 120  
 ccttctctc attttatatt gactgtttgc cagaaactgt tttcttctgt tttcttatat 180  
 tttgtttttg agatggagtc tcaactcttc acccaggctg gagtgcagtg gtgcaatctc 240  
 agctcactgc aacctctgcc tcctgggttc aagtgattct cctgcctcgg cctcctgagt 300



<210> 1437  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

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 gggcaggaat taatatctcc atttttacaac tgaaactgaa aattagagga cttcaatgaa 120  
 tgaaaaatct gagtagctta tcctaccaag tggcagatta gttcatgatt cttattaag 180  
 tgataggact tgccaaacac caggaatctg gggagaaggt gtactcaaag aagtatgctt 240  
 ggaccaatct gaaaaaagaa aaanaattna gttcaaactg attgagtaac nattcacagt 300

<210> 1438  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1438  
 gcagaagcca attccttggtg aaaagctgac tgccatcagt aatctcaata gaaaagagat 60  
 atgttttctg gagtcataaa ggaattcaat tcctaggggt tttgtttttg tttttgagat 120  
 gtaatatgtc tctgttgccc aggctggagt gcagtgggtat gatctcacct tactgcaacc 180  
 accacttctt gggttcaagc gattctcctg cctcagcctc cccagtagct gggattacag 240  
 gcaccagcca ccatgcctgg ctaatttttt tgtattttta gtggagatgt ggtttctcca 300

<210> 1439  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1439  
 ggggcagtca ataataatag ggaggataga aacgtcagca tggcattcca gatgagaaaa 60  
 ctgaagcaag ttaaactttc tacatggtaa ccgtgattat gtagttgata taaaagtat 120  
 tgactgtggg ccttcaagaa gaggttaaaa tacattcatt atattaacga gtgcatctta 180  
 caaagatttc tttcaaaaag tacttgaagt ttttttgett taaggagtaa atctcaatca 240  
 tctggaaatt taacttctgt ggaatacctc tttacatctt aaaggaaatg ttaatgcatt 300

<210> 1440  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1440  
 aagatgtttg attcttcaga taacttttga aatgtgctat aaagggccta gtttaaaagg 60  
 aacttctttt gaaaagcaat taacagttga taaagggtta aataaaaatt atctagtaag 120  
 gaatttctta ttggaatgta aacgtggttc taatttttaa tagacagtga tataaagaat 180  
 aaaaagtaaa cagtgaatt gagttctcca gggaaaaggc agacctgttt agtaaaaaaa 240  
 ggatgctttt ttcagtgatg tctttttttg agtgcatatg tgtgtgactc ttgaagaaat 300

<210> 1441  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1441
atccaatatt tattgagtgt ctcttaggtg ccaagcacct taataggtcc tatggatttg      60
aaatgccgtc cctgtcttag atctcacggt ctactggagg acacagagaa gtaagcaggc      120
agttgcagta caatgtaaca ctgagtgtctg tctgtgtatg atgctgagga gggagggttag      180
cctgagccgg ggaagcggag cttgcaatga tgggagatcg cgccactgca ctctagcctg      240
ggcaacagaa caagcccctg tcttaaaaac aaaacaaaat cttcagagca ggcttaaaaa      300

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<210> 1442
<211> 297
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

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<400> 1442
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ttagaatctt ttgcaaaga atgacaatga tgcaaaaatg ggaacagttt ggattttaat      120
tagaactggt taggagtgat gatgtgtaaa aagttgactt ctcttttgca tggcacagag      180
aaattatatt ccttacttca tgtcagttta tgttctaaat ctttttctact gaatataaaa      240
atcttggttaa atgccattag gcaccaactt aaagagggtt gtaaaaatat taaaagt      297

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<210> 1443
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1443
actgaactaa tatcaatttt aaataatatt gctattcagc ttcaaaagac agagcctcca      60
gcatattatt attattatag taatctgatt ctttagaatt cagagaactc acctcattag      120
tgctcccttg ctctatctgg ccctgtggga aaataccctt gcatctttct atgggtatgg      180
tccactgtat cccatcatga ctttaacatt tttgaagtat tgggtcttta aagtaagcaa      240
acaaattccc ttgttacatc aaattcaaat acagtaatgc attacaggac aaattaaagg      300

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<210> 1444
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1444
gcctgtcgtc ccagctactt gggaggacaa gtcatgagaa tcgcctgaac ccaggaggca      60
gaggttacag tgagctgaga tgcaccact gcacttcagc ctgggtgaca gagcaagact      120
ccatctcaaa aaataaataa ataaaataaa ataaaatata aagtttgctc cattgttgac      180
ccattgctgc tgataaaagt gtatactgga atgcatgtaa accatatatt taaaatgtat      240
aggctgggca cagtggctca cgctgtcat ccagcattt tgggagacca aggcaggtgg      300

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<210> 1445
<211> 161
<212> DNA
<213> Homo sapiens

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<400> 1445
gtgtgttctg tgggagggtg tctgtgggga tgtgactatc aggggtgggccc tgtgctgggg      60
atggggcagg cctgggtctg gagaggattt tgtgtgaaag taaatggggt gtttgaggcg      120
tatgggtggc tgttggtgtg gggaggcatc tgtgtatggc t      161

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<210> 1446  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1446	
taaataagtt gatattaatg atataagcat cacacaattt tacattaaga aatactgtgc	60
aggccatgcg tgggtggctca ggcctgtaat cccagcactt tgggaggccg aggtgggcag	120
atcaccggag gtcaggagtt cgagaccagc cttgccatac atagtgaac cctgtctcta	180
ctaaaaatac aaaaattagc cgggcatggt ggcaggcacc tgtaatccca gctactaggg	240
aggcttctga acccaggagg cagaggatgc agcgagctga gatcgcgcca ctgcactcca	300

<210> 1447  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 1447	
ggcactcacc gcctcctccc tggtagacag gcttctgtgg ggccaccaag cccctcctgt	60
gccccctccc atccatagtg catggtgtgt ggtgccccca gggctccagg acagatcagg	120
ccccaccttg tgtctacccc catccccgct gtgaacgtgc cactgaataa agtcggggaa	180
acgagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa	240
aaaaaaaaaa a	251

<210> 1448  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1448	
ctggaattag tggcttgctg ataatctcat ttataattt gttcagcaat ccagcaagac	60
caacttttta aaaaaattaa taacagtagt ttatgaaaa ctaagtaaga aaacagtttc	120
cacctatttc tgaggtctcc tttagaagga gtaacagaca gcttttattt ctcttaaagt	180
tataaaaatc acaatcgcaa gtcacaatga atactgggaa gggaaattac ttttgcagag	240
tgatcaagta aatgatagcg ggggctaaac ttttttagta aacttgtgaa gattacatac	300

<210> 1449  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1449	
atgactgagt gtatacccta gttaaaatga tcaggggaga cttaactgaa aggggtaatt	60
gagctagatt tgaaggatga ggagtagcag actagtcaaa gaaagggaga gaagaacata	120
cctaaacatc tgatcaccag tgactgagaa agttatcagg atcaagtgga aagagaaagg	180
actagcagag ttacagggtta gagaaacagg taaaggctac tatggacggc ataatagttg	240
catcccatgt tttgtctctt aagaacagtt gcaaactatt gaaggtttta aagctgtgtg	300

<210> 1450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1450	
attgtcttgt gttatggtgc ttcagcattg gattcagcag ccagcttctt agtacgaagg	60
caacgattac ctccacaggg tcccttccat tgtcctcttg catcattttc ctccaacttg	120
aataaatggt ctaccacact ttctccttta ttttctctac cccctgtacc ccgctccttc	180

tcacaattaa ctctacagca g	tgaat tctctgattt tagaataact a	atggt	240
aacttcaaat atatcctagt tg	atccaca ttcagcttgg gtaggtacct t	catagtagc	300

<210> 1451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1451		
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gcagcagcag ccacactccc accatcctca cagaattcct	ggacccatgc ggtggctccg	120
tgagctgggt gactccagcc tcacctgcac accccagccc	tgacaggggc cctccttcct	180
cccagcagcc cttgggtgagc taggaattga gatccctgtt	tgtgaaagag ggaactgagg	240
tgcagagaag ccagaggtgt gccagatcct taggcaggat	ttagatgaag tcgccctggc	300

<210> 1452  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1452		
aaaacacatg cacacatgtt tattgcagca aaccaccatg	gcacatgtat acctatgtaa	60
caaacgtaca cattctgtac atgtatccca gaacttcaag	ttaaagaaaa aaagaaaaat	120
atattagttt agcaacattc aaccttatcc tatataaatt	atgctaagaa ctttgttaga	180
taaattctat tataaaaggt cctagctagt agtattaaat	ttgttgttgt tgtaatttat	240
gtacaacaaa attcacccat tttaggtata cagtttgaat	gcttttttgt aattatataa	300

<210> 1453  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1453		
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tatttggaat taaaaattgt atgactatgt atatgaaact	tgttcatgtt ctaaaaaata	120
ccctccattt ataatatgtt tttaaaattt gccactgaga	agtacaaatt tccttcttat	180
ttcatcttag ttatcaaccc agagtcactg gaggcaatgc	agtgtagtgg ttaagcgtgc	240
agattctgaa gttagacaag atttgggttg gaatcctgac	tctgccactt actagctggg	300

<210> 1454  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1454		
acctaatttt tgagaacagc aagccctatt tgaccactct	cttcagcctg tgtgttcctg	60
ctgttttgaa gtaatcaaat gctgtgcatg gtattttacc	tgagctgcaa cctgttatgg	120
acttgaactt ctgtttaagt tgaaagcaag agtcctgag	tataaaggaa aaacagcaaa	180
acaaaagca acaaaaaaaa aactgcaaaa gtctaaaata	cccattgggtg atgtttttta	240
aaaaaatctt gctttcagct ttcaggagtt aatattcttt	gttttaattt gataattgga	300

<210> 1455  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1455  
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 cccaggaggc cgatgctgca gtgaactgtg attgttccac tacagtccag cctgggtgac 180  
 agagaaaaga aaaagaaaac attacataat ttggctagag cataataatt tgattttctg 240  
 gtttttgaaa atttgagttg cataaaagga nnnnnnnnnn caaggnttct acaaggngn 300

<210> 1456  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1456  
 ctgggtcatg aaataacaga ttaaaaatgt tctctggtaa aagaattaaa cttttctgta 60  
 aatggaagga aaataaaaag atttcagaga gtctgatcaa taatagcttg tgggtcctag 120  
 tgagtggagc agtgataaaa gaggtaagggt ttttgaggga aaaaaatact atgtcaaagt 180  
 gggggtgaat gataaaaatc gctctcattt tccttttttt cacctttcat cttcatttat 240  
 ggaatttcta tacaataaat atgtttggca ttaataaca gtgcctctcc cccggaatac 300

<210> 1457  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1457  
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 gtcgtatgtt attacgggga gctggaatcc aaaatcccca ctttttcaag ttgtaaatga 120  
 agaaactcct aaagataaag tctgttttat gaccacagct gtagatttgg taataacaga 180  
 agtacaggag cctgttcgat ttctcctgga gacaaaagtc cgcgtttgct cacctaatag 240  
 aagattattc tggcccttca gcaaacgtag tactactgaa aattttcttt tgaaactaaa 300

<210> 1458  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1458  
 gatttttcgaa actcttcagc tacttgcctt tttttatctg aaaccatcat accttctgaa 60  
 agaaaaaagc atatcttcat tgacataaca gaagtgaat ggcccagtct tgatacagat 120  
 ggtaccatga tatatatgga gagtggcatt gtgaagataa catctttaga tggatcatgca 180  
 tacctctgcc tgcccagatc tcagcatgaa tttacagtac attttttctg taaagtttagc 240  
 cagaagtcag actcatctgc agtgttgatc gaaacaaata ataaagcccc aaaagataaa 300

<210> 1459  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1459  
 gtattcatga gaggcaagt ataggttact agggatggat tgtgtgggag aaataatgca 60  
 gaggaaatga tgatcatctc cattgaatga cagctgttat atagcaaaga taaatgtaaa 120  
 attagtctta ttcitggaag tggaagacag cagttatcag agaggagaat ttaatcaaaa 180  
 gaatcagaat agcatggatc caggccagat tcacattgaa gtatttactc tatattttac 240

tgctgtttaca ttcaaaatgt a aagtc tcatggttca attaataaag t ttcgc

300

<210> 1460

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1460

tcattgtgta ataaaatggc agtttccaaa gatggatgtc tttagttttt aaatgacatg	60
ttgatttttt tcatgatatc tgcaaatatt tttgtctttt ttgacctcag aacaaatgta	120
aagcattgat tggagcacac acaaaagtta ggaaatatgc tgcttggcaa ctgagtaaaa	180
gtaaatatat agtctcttaa acttccaaaa aagtatacaa tagtacagga tgggttctat	240
tcacaagctt tctgtctgta accgtaaaag atatcactat ctaaaaataa tatcagaatg	300

<210> 1461

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1461

ctgggtctca ggcctttgaa ctcaaactgg aactacatca ctggcgctcc tgggtctccag	60
cttgctgact gcagaccttg aaacttctcg ggctccatta acctctttta tatatagaga	120
gagatacata cacacacaca cacacaaaca tacacacaca cacacattgg ttgtatatct	180
ggagaatcct gattaatata cccgataaat tcaaaacaaa acaaaacttg aaaaaaaaaat	240
ttttcagggtg aatatttggt ttttagcatc tgagtttcag tccaaacagg gaaggaaaga	300

<210> 1462

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1462

tgagacagag cagccccaga acacacaccg gggagtacag gaggctaggc cacgtaccca	60
acattgcagg cagagaaaaa agaaagtgta ttccatgtaa gcaaatgtta tttggacctt	120
tctctctgtc tgacctaatc atgggtcaca gaaagtaatc atactcctaa taatacatca	180
acttatctga tttatccaca caatcacgta gattaatgta tgcttctatt tcctggtcgc	240
tttagcataa tattgatcat aaattgataa ataggaataa aacaatataa ttagattaat	300

<210> 1463

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1463

caaaaacaag caaaacaaaa cattttaatt gttatgcata gtatatatgt gcatttttgt	60
taaattaaga cttataatct cataatgatc atgatttccc ccaaatgctg atgatgacca	120
aatttctatt tctgtcccag accttgaacc cccagcctaa aaatcagatt gcatattgga	180
tgtttcttcc tggaagaatg tcaaactgaa caagtctgaa actgatcttt gtgcatcaca	240
accagccaa acctgttact tctcctacat tccctttctt ggtgattggc ttgtccaccc	300

<210> 1464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1464

agttgtatta ggatctttat gtgtggccaa ctcattaaat tttcagatta actcagaaat	60
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attgttcctt	tattttgcac	a	gaaac	tgaggctcat	atgttttttt	c	ttatt	120
ttttattttt	agagacagg	tc	gtttca	ttgccctggc	tggtctcgaa	tttctggct		180
ctgggctcaa	gcaatcctct	cacctcagcc	tcccagttac	ttggaggatg	aggtgggaga			240
attgcttgaa	cctgggagg	ggaagttgca	gtgagccgag	attgtaccac	tgcactccag			300

<210> 1465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1465

gtttactttg	ttgtctttgg	ccctttatgc	aatcagtgtg	aaaggactag	ccgtttctgg	60
ccctacacta	aagcttattt	atatttaa	aat	aaactttaaa	tgtataacat	120
catgttaatt	ttgtaacatc	aatgggtttc	tttaaaattt	caagatattt	atcttggtac	180
ttgtattgga	cagttctaag	aaatcttaga	gggataactg	tcttacctgt	tttttaaaaa	240
agatcagctt	gcaatcttct	gcttcaacca	tatctgtatt	agaatacagt	attatttcta	300

<210> 1466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1466

gatcaatcca	agctcctaaa	catgggtattc	acagtacagt	cctaaaaaca	ccatcccca	60
cttgctgtaa	acccaaaatg	gcgggggctt	cccagatata	ctatgtctgt	gcctttgtac	120
cagctgggct	ctctgcctgc	aatgccatct	ccatctcttc	catccccttc	caggagacgc	180
tagcactcac	tctctcctcc	tctacatacc	atcattcctc	ctectgaaga	gctactctcc	240
ctaactcacg	tgtcacaaca	accacactgc	cattatcctc	ctcttcatct	tcacaccggt	300

<210> 1467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1467

gacagctgag	gcccctggaa	ggcagatcca	actcctcctc	cagcgacacc	actggctcct	60
tcacagcttc	actccaagaa	acttctagac	ccccagggg	gtgtctcaag	tgaaagtctg	120
gccccacatc	taccccccaag	gatggcactg	gctaggactg	cttcagggtct	cggttaacct	180
aggtcaaagt	gtccttgggc	gcaagtctga	gttaggctgc	agaaacacct	gctacctccc	240
ccagggtcac	actgacagct	gccgggctg	ggtcaggcac	agccagtgtg	caccttcatg	300

<210> 1468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1468

cctagttaaa	tcacaacaag	ttagtaatcc	ataaatgatg	tgtcctggtt	ctcttttagta	60
gaaattatat	ttttggctac	cagttaagaa	acttgacttc	ctttgtccct	tatgttacta	120
taaactcaag	atgatgagtt	ttgtggtatt	tgacttcata	ggcaaaatca	aaatttttac	180
tttgttgcta	ttctgtttta	tgaataaac	ttctgtctat	gcatttgaac	taagtttcag	240
caaattcaat	ctaaattgaa	taattccagc	tcccagtttt	atcctatggt	gctcataaaa	300

<210> 1469

<211> 300

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1469  
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 gtagattcgc ttgtaccaat ttgtcacata aggaaacagc cttagagagg ttaggttgct 120  
 tgtgcaagcc cagggtaggt ggcacccagt ctgccaatct gcaacgcact ggtatcttcc 180  
 agccagtaga ccttgctccc tgggtgcccc gttctggatc tcaggaaagg cggattaagg 240  
 ctccaatg cgggacctgg gtggggattt gntgncctnt ggtggcanaa gggacatcac 300

<210> 1470  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1470  
 gaggattagc catgctgggg tctcttggac aaaaggctgg tactgattga aaaattccct 60  
 gagtatgtct agaagtgtca ggctcctctg gaatcagtta cagtgggatt ggctgcttag 120  
 gtataatctt tataagatta aaaattatag attatttggc agcttgtttg aaagtgttgg 180  
 tccaagaaa aagttctgct gtgtgttatg gcagaattat taataaaaaat acattcttaa 240  
 gttgaggttt ctaagtaggc ttttgtaaaa acaggcaatt acttgctgga ggcagttaat 300

<210> 1471  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1471  
 attcgatttg ggtcgcaatt acacagacat tgacgggcaa ctggagcctc ccagggactc 60  
 ctgcacgaga gggagttact gaagtcctctg cagagtgact gttttccctt agtcagtgcc 120  
 tctttttctt caggtctcaa ggacgggatg agcttgccct ggaaagcttt gagggagtct 180  
 cgtattttac cttcatagca aaagttgttt cccacttct ctccaccatt tcttatttct 240  
 tcttgacagt tgttctggca catctcttga tctgatttag tattttcttt ctttcttttt 300

<210> 1472  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1472  
 agttgctgtc agtcttggtg tggaaaggag acgcattctat gacattgtaa atgtgctgga 60  
 gtcgtgcat ctggtcagcc ggggtggctaa gaatcagtat ggctggcatg gacggcacag 120  
 cctgccaaaa accctgagga acctccagag actaggagag gacagaaat atgaagagca 180  
 aatggcctac ctccaacaga aagagctgga cctgatagat tataaatttg gagaacgtaa 240  
 aaaagatggt gatccagatt cccaggaaca acagttactg gatttctctg aaccgactg 300

<210> 1473  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<400> 1473  
 catccctgga gcagcttcca acactacttc aggggtggcag tgtttggggc actgggagag 60  
 cctgccggcc tctagatggc ctcatctctt ccttccacaa actgtctaga accaataaaa 120  
 ggaaacctgc caaaaaaaaa aaaaaaaaa 148



<210> 1474  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1474  
 tgcctgttga acttgaacct aaaaggacca ttcaaagcct gaaagaaaaa acagaaaaag 60  
 taaaagatcc taagactgct gctgatgtgg tcagccctgg ggccaactct gttgatagca 120  
 gagtgtcaaag accaaaagaa gagagtccag aagatgaaaa tgaagtgtct aatattttga 180  
 gaagtggtag atccaagcag ttctataatc aaacttatgg aagcaggaag tacaaaagtg 240  
 attggggcta ttctggtagg ggtggatc aacatgtgag aagtgaggag tcctggaaag 300

<210> 1475  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1475  
 ctgaggttgt tttcctgttg ttgttgttgt ttttccttga gaggagtgtc aagacgtggg 60  
 aggtgtgtgg cagggttcca cgggagaagg aggatgtctg atgtctggga cttgtgagga 120  
 ggaagcactg aagaaatcta tgtggcacac ggaggtgttt tcaggtgttg aaccataggg 180  
 aggtctacgt gatttcctca ttaggaggat tagagagggc agagtcagga aaccaataga 240  
 ggaggcctgg actaaatggt ggtagtggat atgtctgagg ctggggatca ggctctggtg 300

<210> 1476  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1476  
 catcagtatg cttatggatt tgatgacagg catagcctgg gcatatcacc tcatttgtaa 60  
 agggctagag cctttctttt ttatggcact tctttttttg agataggggc ttactctgtc 120  
 accctggcta gactacactg gtacaatcac ggctcaatgt aggccttaacc tcctgggctc 180  
 aggtgtatgt cactatgcc ggctactttt tgtatttttt ggtagagacg gcttcgccac 240  
 gttgccacag ctgcaagcga tatgcctagg ctcaagcgat ctgccacact caacttcggg 300

<210> 1477  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1477  
 ggaaaaataa catgttcact ttatgaaagg aagaaccagg aaaaataata gaaaataatg 60  
 aacatgagtg gagatataga tgaaagctaa ataagcattc actgtgtctt atcaagagtg 120  
 actaataagc tgacagcttt atttgagttc tggtaagcaa attaatatca tataaatcat 180  
 tacaatttgg ataaagcaaa acctgttatc aaatttaaaa actgtttaat aattcaacac 240  
 tccagtgggt tgcttgttt aagcaaaagg attctggcca agatatttta cttcagctct 300

<210> 1478  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1478  
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 catggggact gactacacag atgaagacac agaagcatag agaggataag taatcactag 120  
 caagtggaa gacccgggatt cagatccaga acaggctgac tccagagtca ctggctgtca 180

tgtagtttcc tcaactactg c gctct acaatcccag agtaaagctc t caaat	240
gaagagccag gaagaggtag agggggcagg aattaaactt tgtaaagcca tggcctggg	300

<210> 1479  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1479	
cctaggcttt accctcaata ctgcttctgc ctgaccaaac tgtctctctc ctgtggctct	60
gtgtgatgtg acttgtcctc ttctccaagg cagtattact cataaattct tctttagcgg	120
tactgatcta tctgtgtcat cgctcagtca accacatata ttaagaccta ggcacagaac	180
aattctatatt ctataaaatt ctagaaaatg caaactaaac cataatgaca aaaagaatat	240
tagtggtttc ctaggggatgg gatgtgggca aagagagacg aaagaaggag ggattaccaa	300

<210> 1480  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1480	
gaaggaagaa aatttgggac tttgttttaa aagtgggaata ctatcttctt aaacaacttg	60
tgttttaaac aagccccaat ccacacttga tcttcttaag ctaggaaaag tgagctcaca	120
ctgagtgtctg gcaggatgct ccatgtgcat cattattttg ttttaattctc acaataactc	180
tctaaatccc ttttgaggat aaggagactg gggctgggag aagttatttc aaggagtaaa	240
taaaaaattc agaccctt gggttttatg ccaaaggctc tgtttttaca aatacacaat	300

<210> 1481  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1481	
aattcggcag ctccctcaaa gaaaggagaa ctaggaaaat gttttcgcca tctcccaaag	60
atgataggaa agttctgagc agggttctgg gtatagcccc ttgtgagaaa ttcaaggccc	120
aatcaatgcc atagatgagt tatatattcc aaatttacac tacttatgta ggtgtagtaa	180
cctccaaatc aataaattaa tataaaattg gccaggact ggtgaaacct agagtcctgt	240
cagaagcaaa tacaaagcag ccctttaaca acagttttaa atttagggcc ttcaagacct	300

<210> 1482  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1482	
ctgtagtcct attttgccat atgacatgat tgaaatcaac acctcttaga aatagttttg	60
ctgcctcata attgattacc atcatgataa cctgtagtca gtgtgaaata gagataaaaa	120
ttaatgtact tagttaaatg catatgaagg tctaattctg ttccagagtt actcttactg	180
gattattttt agatttttat taacattact ggtctctaac ttactcagt ctggataaga	240
aaaagaatac catgcaattg ttaactattt gatgtttact agattaacta ttaatatatt	300

<210> 1483  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1483

aatgtgtatg	cggggctggt	gagcc	cgggtggcgg	gggtggatcc	gtgag	60
cctggcttcc	tgtctgctcc	aagggcgty	gaacaggacg	gactcaggtc	caaatccctg	120
gtttcctgtc	ccttagtggt	gtggccgtgg	gcaaacgcct	taacttccgt	gagctttgac	180
agtctgtctg	ggaggcaggg	ctcaggcatc	cctggcctct	tggggttggg	tgagagggag	240
acagaggttt	gtgaagcgct	ttgcacacct	gggcatctgg	tcagtgttca	gtaaatgcc	300

<210> 1484  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

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agacgtgtgg	gaggagcggc	ggcccatgac	cacggcgcg	ggctggcaca	gcatgtgcag	120
cctgggtgac	agcatctact	ccatcggtgg	cagcgatgac	aacatcgagt	ccatggagcg	180
cttcgacgtg	ctgggcgtgg	aggcctacag	cccgcagtgc	aancagtgga	cccgcgtggc	240
gccgntgctg	cacgcctnca	gctagtnggg	cgttctctana	tgnaacngcc	ctattta	297

<210> 1485  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

taggatcttt	atgtgtggcc	aactcattaa	atcttcagat	taactcagaa	atattgttcc	60
tttattttgc	acatgaggaa	actgaggctc	atatgttttt	ttcttcttta	ttttttatct	120
ttagagacag	ggtctcggtt	cattgccctg	gctgggtctg	aatttctggt	ctctgggctc	180
aagcaatcct	ctcaactcag	cctcccagtt	acttggagga	tgagggtggga	gaattgcttg	240
aacctgggag	ggggaagtgg	cagtgcagccg	agattgtacc	actgcactcc	agcctggggac	300

<210> 1486  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

agaaagagtt	gtgttgga	tttgactttg	gctaaccacg	aattgtatag	tttctatatt	60
tttattttgt	tttaatgtta	ccagatgggt	gcagtagagg	tggcaacctt	atagctccat	120
ctggcagccg	ggagcttatt	ttagtcaaca	caaactgtaa	ataccatacc	atagttatgt	180
tttacctgga	agtcggactt	agttccataa	actgatcatt	ttctgtggct	tgtagtgttc	240
aaattgtata	atattcctca	taaaataata	tagaaataca	gaaataaaag	ttataataaa	300

<210> 1487  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

ttttttacta	tgtaccataa	tgtcccatcc	atgagaacct	agaagtagtt	tttctcatta	60
gcgaatgcta	gaattttatt	ttttttcaca	tagtgaaaag	gtgaaattgg	tctgtcttcc	120
tctttacttt	agctgctagt	aagggtgaaa	caacgatggg	gcccaaattt	aacagttagg	180
tgacatcttc	ttctacgtgt	gctaagatta	cccagacttc	actttaccct	tatttccac	240

tgactttgat ccctttactt g      tattu tgtagtatgg attttttgca t      tcagt      300

<210> 1488

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1488

gcaacgtgtg	cggctcggg	cg	attccggagc	ccctgcgtgg	aggaactgct	gggcgggagg	60
agacgccggc	ggctcggg	cg	atggctgacc	gcacacgttg	ccaccctgag	gtctttctgg	120
aagtggatat	ctactcagac	agtaagaatt	ataagagctg	taagagctca	ttttggagga		180
ataatggatg	aaccatctcc	cttggcccaa	cctctggagc	tgaaccagca	ctctcgattc		240
ataatagggtt	ctgtgtctga	agataactca	caggatgaga	tcagcaacct	ggtgaagttg		300

<210> 1489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1489

ccgctgcctg	cacggcgatg	agaacagcga	ggtgtggcgg	agcctgtgcg	cccgcagcct	60
ggcagaagag	gctctgcgca	cggacatcct	gtgcaacctg	cccagctaca	aggccaagat	120
acgtgctttt	caacatgcct	tcagcactaa	tgactgctcc	aggaatgtct	acattaagaa	180
gaatggcttt	actttacatc	gaaaccccat	tgctcagagc	actgatgggtg	caaggaccaa	240
gattggtttc	agtgagggcc	gccatgcatg	ggaagtgtgg	tgggagggcc	ctctgggcac	300

<210> 1490

<211> 104

<212> DNA

<213> Homo sapiens

<400> 1490

ggaagagggg	agaagagaag	ctggttat	ctagaggatg	togtaatcta	catcacaggc	60
agaactgatg	gctcagtggc	tgagtggcca	gtatattgtc	tttt		104

<210> 1491

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1491

ctggatccag	tccaggccag	agcctcctct	gcagagaagg	tactaggtgc	ccatgcacag	60
ggtgactgcc	agcctcgtgg	agtgggggca	gtggtgtccc	tgcgggcggg	cttgggtcttc	120
tgaggccatg	tcagtgccac	cccagggccg	ccctccatgg	cagtgtgggg	ccaacaagcc	180
tgtcttccca	tttttctgag	agaggctgga	aatcctgttc	tttttatata	taaagtgttt	240
ccttttcaaa	atattggcaa	ctaagtaaat	ccaacaaaag	tatgggcca	atcatggcac	300

<210> 1492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1492

gaccaaggag	atgtgagtga	aatgatgca	ggctgcttcc	aggtgtgacc	agtaagatac	60
ttccacata	atcttccfac	tctttcttcc	ctgtttggca	tcccatgtgc	taagaatggg	120
aaccctgagg	tcctatatgt	ggaaccataa	ggtaaatgtc	tttgggctct	gaatctcaca	180
cagggctcac	tgagaataag	aaacatcctt	cttgggcttt	gtatgaataa	gaaaatacta	240

gcaaattttt aagaaggaag tccagt atttcacaaa cccttccaaa ggtgtataa 300

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<220>  
<221> misc_feature  
<222> (1)...(298)  
<223> n = A,T,C or G
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<210> 1494
<211> 300
<212> DNA
<213> Homo sapiens
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<210> 1495
<211> 196
<212> DNA
<213> Homo sapiens
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<400> 1495
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tgtctccctg tgctgataca agcatgaact ttctggaata ttctgctagt ctgaaattac      120
agcaggttgt ctggggtagg ggggaggcgt tttttttttt ttttnnaann agggncnncn      180
tnnqnccccn agggggg                                     196
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gaggcgtgga tcctggcacg c cctca ggcaccagcc tcctgtgct c gcaaa 300

<210> 1497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1497

agcaacccta gcaatagact gactctacta caaaacaatt tggttatttc tcttactatt	60
tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt	120
aatcggttta gtgggttctt tgtgtctcat ttatttcatt tgtaattttt ttaaagacta	180
taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag	240
ttaacaatac ataagaaaac atttgttcta ggataatata tgacctaaaca gtcttttgtt	300

<210> 1498

<211> 119

<212> DNA

<213> Homo sapiens

<400> 1498

gctagtccga gttttttttc cttttactct ggtattgaca ctttttctgt gatcattgtt	60
aattagtgcac atagtaacat ctgtagcagc tggttagtaa acctcatgtg ggggaggtg	119

<210> 1499

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1499

gttgaaacac gaggtataaa tgaccaagga ttgtacagag ttgtgggggt gagttcaaag	60
gtccagagac ttctgagtat gttgatggat gtaaaaacat gcaatgaggt ggacctggag	120
aattctgcag attgggaagt gaagacaata acaagtgcct tgaaacagta tttgaggagt	180
cttcagagc ctctcatgac ctatgagtta catggagatt tcattgttcc agccaaaagc	240
ggcagcccag aatctcgtgt taatgcgac ctttcttgg tacacaaact gccagagaag	300

<210> 1500

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1500

atgatgtaaa gtctgaaata tacagctttg gaatcgctct ctgggaaatc gccactggag	60
atataccgtt tcaaggctgt aattctgaga agatccgcaa gctgggtggc gtgaagcggc	120
agcaggagcc actgggtgaa gactgccctt cagagctgcg ggagatcatt gatgagtgcc	180
gggcccata tccctctgtg cggccctctg tggatgaaat cttaaagaaa ctctccacct	240
tttctaagta gtgtatcaaa atctaaacca aggagtctct ggacaagaag ctgggagagg	300

<210> 1501

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1501

caactcctga gacatacact cattgatgat tcatcacgaa atgtttaatt atattgagca	60
tgacgctagg accaggagga catttggaga ccgtattacc cagaccttac ttcatgtga	120
aacctttgga aaaggcacia ctaaaaaact ggacagaata cttagaattt gaaattgaaa	180
atgggactca tgaacgagtt gtggttctct ttgaaagatg tgtcatatca tgtgccctct	240

atgaggagtt ttgattaag t caagt acatggaaaa ccatagcatt g agtga 300

<210> 1502

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1502

gttttttaaa gaacttgata aatttacctt aaaatttaaa taaagtatac tgaataacta	60
agtcaactta gaaaaaaaaa agtggtatct aagacaagtt acaaagccat caccaaagcc	120
catgatccgg cagacgacta caagcatagg gtcagatcca tctataaatg agagcctgac	180
atacttcac ttagcaaac atgggagaca aatcagtggt aaaatgatac agtggttggg	240
aagtgttatt tgaagatgg gcttatttaa tgtatacaga tgaactcaat tcctctgtaa	300

<210> 1503

<211> 261

<212> DNA

<213> Homo sapiens

<400> 1503

aaaaagaaaa aaaaaattag ccaggcatgc gaaacgctga ggtgggagga tcagatgagc	60
ttgggaggtt gaggctgcag tgagccttgg tcatgccact actgcgttct agtctgggca	120
acagagttag accttctctc aaaaaaaaaa cccaaaattg taaaattact tctatagcta	180
tattttatga taaagaagtg attgtttctc aaaatcgcac ttttaaggacg ttttatggta	240
cttgttgga ttgggactta g	261

<210> 1504

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1504

aaggtgggtg gatcacaacg tcaggagatc gagaccatcc tggctaacat ggtgaaaccc	60
tgtctctact aaaaatataa ataaattagc cggacaggcg cctgtcctcc cagctactca	120
ggaggctgag gcaggagaat ggtgtgaacc tgggaggcgg agcttgagcagg ggcaccatca	180
tatagctcac tgtagcctca aactcctggg ctctagtggg cttcccactt cagcttctgg	240
agtagctggg gctactgcac ctggaattgt cttaatctgt ttttaacta ttaaaatttt	300

<210> 1505

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1505

aattttcctt atatgttctt tgacccttga attacttaga aatgtatttt ttaatttcta	60
aatacttaca ggtttaaaaa ttttgttttc aattactaat ttaattctgt ttcacagaa	120
agcacgacca tcgtggcatt gaaacttgag ttatagccta ctatcatgat caatttaaaa	180
aatatatata tagggctggg tgcagtgggt cacatctgta atcccagtcg tttgggaggc	240
tgagggtgggt gaatcacctg aggtcaggag ttcaagacca gcctgggtcaa catgacaaaa	300

<210> 1506

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1506

aaaaaaaaatt gtggtgattc acacctgtaa tcacagcact ttgggaagcc gaagcgggag	60
--	----

ggtcctttga	ggccaagagt	t	gccag	cctgggcagt	ataatgagac	c	ctcta	120
caaaaaattt	ttaaaagtaa	ag	aatttta	agataactaa	atactacata	gt	catatatt	180
ttaaatattt	attacataaa	gg	taaaccaa	atagaagagg	aaataatgtt	at	gccctact	240
tcatatgacc	aaaaactgga	ag	atagtgtc	tgaaaatgaa	aatgattgta	tt	gggaaggt	300

<210> 1507  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1507								
atgacttctt	agctttaccc	ggggtttttt	ctgcagggtg	agaaggggtg	agtcctccca			60
gatggttctt	tctttgctcc	cctaacagcc	tttaagatgt	ggctacttgt	ttttcccacc			120
gtttaacacc	ctccaacttc	at ttggagca	cgggttcctc	aagggatcct	gagagctggg			180
tgctgggtgc	tggtttggag	aggcaggatg	atgcttctcc	cggctgggga	gagcagagca			240
ggaaggctgg	ttggcgccat	gaggaaagag	ccacgagggt	ttagctcccg	aaccgactcg			300

<210> 1508  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<400> 1508								
cctggctaac	aggtgaaacc	cggtctctac	taaaaatagc	aaaaattagc	tgggcatgga			60
ggccggcacc	tgtagtccca	gctactcagg	aggctgaggc	tggagaatcg	cttgaacttg			120
ggaggcagag	gctgcagtga	gccgagttca	cgccactgca	ctgcagcctg	ggcaacagag			180
tgagactctg	tctcaaaaaa	aaaaagtgtg	gaaaaacttg	actttaactt	caaagtttaa			240
tttgaaagtt	ta							252

<210> 1509  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1509								
caggactcaa	gatgactttc	taaggtgatt	tggggatgca	gtgtatgcat	ttttttactc			60
tttttgaaaa	aaatcttttc	ttcgcttttg	gagtgttaaca	tttgatagt	tttattcagc			120
ccataatagg	accaaaggga	aggggataaa	aaaaaattct	ttaaagtacc	tcagataaaa			180
aggttttgtg	aagaaaagga	ctcaaaatcc	taggttatac	caagacttta	tgttcatttt			240
gaattttctt	tattcatttt	tttctctct	gtgtatagaa	taatcaggag	atattggtgg			300

<210> 1510  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1510								
gggacattac	cagtcatgca	aaccaatgtg	caaaatgcag	gcgttgctgg	gagcccagaa			60
ggcctactgg	ccagggtgtg	cgatgctgaa	tgtgcagcct	gatgccaggg	ggtgggcctt			120
gagtgtgtcc	cagccaggaa	ctcctcagcg	cccagaatac	caatgaccct	cctttccccc			180
agctccaggg	cctctgcttc	cctctccttt	cccaggctct	ccttgctttt	ccctcctccc			240
tcctggggact	gtaggcaaag	cccctggcac	ggacagtggg	caggacagcc	agatgcctag			300

<210> 1511  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



<400> 1511  
attattttaaa gcttattcaa tttaaaagac tacttgtaat tccggactta ttctttaaat 60  
agttgggtatt aagggtttctt ttgtaaaata agagggtgta gtatttttca atgcccttaa 120  
ttaacaaaat taaaagtttg aaaaccatat gttgattctc cctcatttta aaaaattttg 180  
taattccact ggtccacaaa aatcccaatt gaggagagct ctgggaagag cacattctgt 240  
caatgggtct caacattttg gtctcaggac cactttacat tcttatttag gaaatgacct 300

<210> 1512  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1512  
cttggatgta tggtttaata tgtatacctt ataattctgc ctctagccaa atgctatgg 60  
tgcaaaatgt ggcactctgtt agtttttatt gtctgtgtct tctttgttta ctatacctg 120  
ggtaattttg tgttaccaaa aaaaaaaaaa gggacgggta nggtnaaacc cccaaaaaag 180  
ncaatncnng nttttancct naaanncnnaa tntcaanggt natnnccaac natngggntt 240  
ttttnaacnt tnaaannctt tangcncnt atnntggccn ttnnnaantt tgggggttgg 300

<210> 1513  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1513  
cccactgaaa actgctgtct agaccaactt ttttttctat tatttttttt cttcttatag 60  
agatgaggtc tcaactatgtt gcttgcccag gctgggtcttg aactcctggc ttcaagtgat 120  
tctctcacct tggcctccca aagtgtctggg attacaagcc tgagccacgg caccagctct 180  
cagaacaact gctattgggt catttaacaa actccattac aattttactt ttccgtctcc 240  
ttttctagac tgagtctctg aatcattttct cccatatatt ctccatacct agaaaacacc 300

<210> 1514  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1514  
cgccgcccc ctcgccccag ccgcccgcct gaaggccgtg gtgcagcgcg tcaccggggc 60  
cagcgtcaca gttggaggag agcagattag tgccattgga aggggcatat gtgtgttgct 120  
gggtatttcc ctggaggata cgcagaagga actggaacac atgggtccgaa agattctaaa 180  
cctgcgtgta tttgaggatg agagtgggaa gcactggctg aagagtgtga tggacaaaca 240  
gtacgagatt ctgtgtgtca gccagtttac cctccagtgt gtctctgaatg gaaacaagcc 300

<210> 1515  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1515  
ggatctcata gctagggaac atttcacaaa taagggtgaga ttttgtaacc aataataaaa 60  
atgaatgttt ttataagtaa ataacttatt tttcatatgg ctaaagatgg taaaatgact 120  
tcattctata gccattgtaa ataagaattt gctattgatg aaagaagttc agattggcat 180

ttgaagtatt	gagtgtatgg	g	ctaag	gatttcttag	attttatatt	t	at	240
ttaaacctta	gaggagtcaa	ca	actggct	cttgattttc	agcaccctac	tccatgaaa		300

<210> 1516  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1516		
cccagccata	atggagcctg	aaatcaggaa
atgccctctc	agaacaatgg	ccattttgag
ctctggccta	gcaccaccca	gtgcctgcc
cttgatggaa	taacaatgta	ttttaatttt
tatttttaaaa	atccatcatt	aaaacacaga
		ctttctccat
		aataagaagt
		tggaggggct
		60
		120
		180
		240
		300

<210> 1517  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(247)  
 <223> n = A,T,C or G

<400> 1517		
tgctattgta	ataataacaa	taaagagaaa
gcaaaggcct	tggtccctag	gagaccaaca
cttctaattt	ctctttattg	ttattattat
ttaattaaat	gttttggtca	aaaaaaaaaa
taaaaaa		aaaaaaaaaa
		aaaaaaaaaa
		nccngncccn
		240
		247

<210> 1518  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1518		
gtgttgctca	gtgagcagac	ccgactccag
gaagactgtc	agaaagaaga	ggagacaaaa
attgaagaaa	acaagctcaa	actagtccaa
gagagagaaa	gtgaagaaag	caaattagaa
caccagctgg	aaaaggaatt	aacagaccag
		aaaagcaaac
		tggaccaagt
		gctctcaaag
		60
		120
		180
		240
		300

<210> 1519  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1519		
tcattttctga	tgctccatga	tagagttgca
gcattatttg	caagtttact	tgtggtgtga
gtgaagaaaa	gtataacttg	cttaaaatgt
ttgcctcatt	tatataaaat	ataatacatg
tgtacctaga	gttaaagcag	gcacaaagca
		gccatgacat
		tgtgacaaga
		tataccatgc
		60
		120
		180
		240
		300

<210> 1520

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1520  
 gggacgtcca agatcaagag gccagcagat tgggactccg ctgagggctg tttcccgatc 60  
 catagatggg gccttctcgc tgtatcctca atggtagaag cacaaacaag caagctcctt 120  
 cctgcctctt ttataaggac tccaaccctg ttcattgagg ctctgcccc atgacccaat 180  
 cagctccaaa ggccccacct cctaatactg tcaccttggg ggtgagaatt ccaatgtgaa 240  
 tttgcagggg gagngngngn aaangnmaat ttcggggcca taccaccctt caccacaccc 300

<210> 1521  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1521  
 tgaaggacct gcctgcggct gctttacagt ttgtttgttt ttttttaaaa taagtagaag 60  
 atatacacta aagtaatgat aaatgtatag tatagtaa atacaaacca ttaacagttg 120  
 tttattttca agtatatgta ctgtacatta attgtgtgtg ctgtactttt atacaactgg 180  
 cagcatggta ggtttgttca caccatcttc tccacaaacc tgagaatcgt gttgttgcac 240  
 tgcaagtcac taagttagga attgttcagc ttcattataa tttgtgggaa cataagatgt 300

<210> 1522  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1522  
 cccagccag ccttcagggt ccccttggat tgtgtagatg cagtctagcg gggggccgga 60  
 gaagggctca ggtgggaggg gcctcagcag gctcccagct caggggctgg cctgggggga 120  
 accctgggag ccaggggctg actccagcaa cactggcctg tctgcctgtt ctgggagggc 180  
 tgtgaggatg tcttgcagat gctctggatt tctgcggagg cacctccatt cctttctggc 240  
 tttttttgcg ggggagggct ttgggcctct ttctttgagg gaacaccgctc aaagaaagcc 300

<210> 1523  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1523  
 gaagaagctg cagaagaaat gaagaaagt atgatgattt agattttgat attgatttat 60  
 aagacacagg aggagaccat caaatgaatt aatatcactg tattaataagt ctgccgggca 120  
 cagtggctca cgctgtaat cccaacactt tgggaggcca aggaggggtg atcacctgag 180  
 gtcaggagtt cgagaccagc ctggccaaca tggcggaacc ccatctccac taaaagtaca 240  
 aaaaattagc tgggcgtggg ggctcatgcc tgtaatccca gctactcagg aggctgaggg 300

<210> 1524  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 1524  
 ccttggtgta gttaccacaa cacatgcctc attaagaaac agcaaccatc agaggggaatg 60  
 cctgcctccc tgttaccagc tctgcagatg tgcacatatc ttcctgtcgt aagccaatgg 120  
 gacttaaacc ttacctcttg tgttttggag actatctttt tttttttttt tttngaaaaa 180  
 gggncccnnn gggtnngctaa ggcngnaggn caggggggggn ancngggntn anngaaccnt 240  
 tnnccnangg ggtnaangaa nctntcnngc ntaa 274

<210> 1525  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1525  
 gaaaaaggaa agatggatat ggaagaaatt attcagagaa ttgaaaacgt tgccttagat 60  
 gcaaactgca gtagagatgt aaaacagatg ctcttgaagc ttgtagaact ccggtcaagt 120  
 aactgggggca gagtccatgc aacttcaaca tatagagaag caacaccaga aaatgatcct 180  
 aactacttta tgaatgaacc aacattttat acatctgatg gtgttccttt cactgcagct 240  
 gatccagatt accaagagaa ataccaagaa ttacttgaag gagaggactt ttttcagat 300

<210> 1526  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 1526  
 gctacttcat aaaaataatt tttttgaatc atatttgagg atctagattt tagatgataa 60  
 tttttgcta tggctacttt agcttgcatt gtgtaaatgg ctgctagggc ctgcgaaata 120  
 gattttattt ttggaggggg atttgttttt caatacagga tgatgaaaga gatgaaaact 180  
 tttctaatat agtacaataa ttggctgtgg tcatttttaa gggatcagtt gcatagcata 240  
 tagtagatgc tcaataaata cttagtgtat caatatggct tctgttaaac attg 294

<210> 1527  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1527  
 ttttaaagta aggatttgtc tctggagttt aaatagaact acagtcaact tacatgaaga 60  
 attagaaaaa gtaagccctt catattttgt aaaacacatt tgcaggcatc atctcatttg 120  
 atcccaatgg aagccctgtg aagcaggcaa gatttggaca agtttcttca ttttatagat 180  
 gaggagatta agacttaggg tggcatctgt aggtgacatc cccactccta gcacaatcag 240  
 tcttttcttg gcagctgggc agacactgaa ccaactcaga gagtgaggcc gctgctcaag 300

<210> 1528  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1528  
 aagtgatttc ctctgctttt gtccaggcgc gccaaagaac gtggcgctta gtcacttcag 60  
 attcccttct gtctgtgatc ccctctgaga aataaagcca taaatatgct gagttctggt 120  
 gacattcaca ccggaaatag cacagagctc caagtattgt ggtctccttt ccgattttat 180

tgctaaacag	caagaaaaac	a	agggg	ctttcctggc	gagtcagaga	a	aacgt	240
ggttttttgt	gtgttttttt	tt	ccgcaa	gacagaggaa	actatctctt	ca	accattg	300

<210> 1529  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1529								
gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagt			60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatag			120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaat			180
tagcctgtag	ccctagctat	gcaggagggt	gaggtgggag	aattgcttga	acccaggagt			240
ttgaggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctgggcca	cagagcaaga			300

<210> 1530  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1530								
taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc			60
gtccccaccc	ccacatcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	tgatccgtac			120
ctcgctggac	ctggagttag	acctgcaggc	gacaagaacc	tggcacagcc	aattgacca			180
ggagatctcg	gtgctgaatg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga			240
gaaggagctg	ccacagtggg	tgcgtgagga	ctagcgtttc	gcctgctgct	gaggatgctg			300

<210> 1531  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1531								
ccaacatggt	gaaaccccat	ctctactaaa	tataccagaa	attagttggg	cgtgggtggca			60
ggcacctgta	atcctagcta	ctcgggaggc	tgagacagga	gaatcgcttg	aaccggggag			120
ggggagggtg	cacttagceg	ggatcgctgc	gttgactcc	agcctgggtg	acaagagtga			180
aactccatct	caaaaaaaga	tgagatgaac	tcctaggttc	aaatgatcat	cctgcttcag			240
cctcctgagt	aactgagata	caggcacggg	ccaccgtgcc	cagcttgat	actgcacttt			300

<210> 1532  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1532								
atccaactgt	ggcttctccc	aggaccatta	cacttgatc	taaataccta	cttgacatct			60
tcttttggat	actgaataaa	gatcttgaa	aaacaaataa	aaacagtagg	ttgttgatgc			120
atgttacttt	gcccaataga	tatattctat	cagaatgtga	tttgatatata	taatatgttt			180
acataattaaa	ttttgattca	attaaaattc	tccacagggg	agattctgtg	gtaagttctt			240
tcgtaaatga	agtaattatt	ctagtgattt	aagttcatgt	tacttgact	ttatgcttta			300

<210> 1533  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 1533  
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 aagaagtgtt tgtttgtttt tgagacggag tctcactctg ttaccaggt tggagtgcag 120  
 tggcctgac ttggcgact gcaacctccg cttctggggc tcaagtgtt ctctgtctcc 180  
 agccttctga gtagctgggg ctacagacgt gtaccaccac acctgggtac tttttgtatt 240  
 tttagcagag aggggatttc tccatgttgg tcangctggn tttgaactcc tgacctca 298

<210> 1534  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1534  
 gcaggacgtc ttcttcgaca tggaggccta cctgcccaag aagaacgggc tctacttgaa 60  
 cctggtcctc ggcaatgtga acgtgacct cctcagcaac caggccaagt tcgcctacaa 120  
 ggacgaatat gagaagttca agctctacct gaccatcatc ctgctcctgg gtgccgtggc 180  
 atgtcgattt gtccttcact acaggtagtg ggtgtggccg tgtgtgcctg ggccctgggca 240  
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<210> 1535  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1535  
 gcaagagatt tcacagacct gattgttatt aatgaagatc gtaaaacccc aaatggactt 60  
 attttgagtc acttgccaaa tggcccaact gctcatttta aaatgagcag tgttcgtctt 120  
 cgtaaagaaa ttaagagaag aggcaaggac cccacagaac acatacctga aataattctg 180  
 aataatttta caacacggct gggtcattca attggacgta tgtttgcac tctctttcct 240  
 cataatcctc aatttatcgg aaggcaggtt gccacattcc acaatcaacg ggattacata 300

<210> 1536  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1536  
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 ctgcaggagt gtagtagcct gctgtatttc ttgtaactgc tgggtgttac aaaataagtt 120  
 acaatgtttt acactttaaa aaaaaaaaaac agaaggaaca tttgctttat tggttactta 180  
 ctagtttagc ctctagggtta tggcacagca tgctaaaaaa tcatgtgttt aaaagtaaat 240  
 gttggtaaaa tgctggcatc tggtcctatt gngttgatgc attttcactt ctg 293

<210> 1537  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1537  
gaagactatg tagaaatgaa ggaacagatg tatcaggaca aactggcttc tctcaagagg 60  
cagttgcaac aactgcaaga aggtacatta caggaatatc agaagagaat gaaaaaacta 120  
gatcagcagt acaaagagag gatacggaaat gcagaactct tcctccagct ggaaactgaa 180  
caagtggaaac gaaattacat taaagaaaag aaggcagcag tgaaagaatt tgaagacaag 240  
aaggttgagc tgaaagagaa cctgattgct gagctagaag aaaaaaaaaa aaaaaaaaaa 300

<210> 1538  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1538  
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gtaacaaaag gccacataag tgataaatag tggacctgga gtttaaacct gggatcccca 120  
cctaaatcag aaatacaaaa tcaaccactt ttttgatgat ccagggtcta tgtatattta 180  
ttacatgtat gtatatatgt atatatatatc ggcattgtgta tatatgtaca tncatacnna 240  
tagatgtgct tgtactagcg tttttccac caggatagtt agcctttctt cncctcttgc 300

<210> 1539  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1539  
cccacttcta gggatatggg gatgcagctt caagcccagt gccagtgct tccctgttaa 60  
ctgcaggaat gccaaagcacc tggccagagc agcccagccc caatatgctt aggaggagac 120  
agagttccct ctgtatagcc tctgggacaa gaaaaagaaa acacaagaat gtatacactg 180  
gaagatttgg gcctcctgcc tgccttctct ttgtttctgt tctcttccc atctactccc 240  
ctacgcccct tcaacctttt ttctctgtct gcttcacctg agaagaaagt gtacgaagag 300

<210> 1540  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1540  
gttacctgtg tatgactgaa gtacatatc gttatctgag tgagacagta cagattgggtg 60  
tatagtattt tacagccact tcattatatg ctatttccgt gtactggcaa aaaagagaat 120  
aaaacttcct aggatataag tacctactgc tgttttggtg catgtccagt taggcttttc 180  
tctttttatt tgtttgtgta cctgtaactc catataagca tatataatca tgttacatat 240  
gtttaaaagg cgtcattttg caatgcagtt ttatcactag ttttttctct gtcaagggat 300

<210> 1541  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1541  
gagagacagt gagagagaca caccatgggg cctgatatgg aggcacttac gtccaccaat 60  
gctgtaacat ttgcattcgt taacaccctt tcattaattt attaaatcat tctccagtgt 120  
aacttctgta gaattcccag tttttgcttt tatgaaattc tgtagttgat gaacctcaga 180

ttttacaagt aattgaactt aacacagga gaaggaggag aagaaggtgg aaaaagga	240
caagaaaaaa aagcaagata taactttttt tgggtcccct cttttaatat tttttctaaa	300

<210> 1542  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1542	
ctcatttggt tcattcacat tcctcacgtg caacaacata attatatattt aagaaaatgt	60
aactttgtta catcaaaata tgttgcttag taaaaagttg atattcagta gaacaaggat	120
catgtaaata aacatctatt tcacatgtac ccaaaagcat ttaaaaagca gaatccaggg	180
cccagagcat gagccaggga ggaggatgtt tttcttcttt tctctatttt tccctaaatt	240
gtgcaaacat aggtgagtct cttaaccttt ctgtgcgtca gtttttctac ctctaaaggg	300

<210> 1543  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1543	
gttaggttgg acacagaagg ggcaatcaaa tttctgtatt cagatacctc ttaaagggtac	60
actgtgccac cttgctgcct ttgattgcaa atacaaagtt aattttcaaa aaggaaaaac	120
aaaacagctc tttttcctaa aacacatgtt gtacttcaga cctaaaattc taagtcttat	180
ttgtttctca cccatgagtt agatttaggt aatagtatta gtagagtcct tagagaatct	240
taagaggtca tttactccac ctctttcatt ttaaattggg gtatccaaag cctgaagagg	300

<210> 1544  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1544	
tgcactccag cctacatgac agagtgagac cctgtctcaa aataataata ataatgaact	60
gagactcaga aaagatgttt gttcagggtt acaaagctca gacaggacag ggcagcattg	120
gaaacaaaaa ttggtctgac tcctaggctc atgctgtaaa tcacgggtgca aggcttctac	180
tatctatgtt tttcctaaaa gaatgtataa atgaaaagat ggttaacata ttaagcaaaa	240
tatgttaaac gtcaaatgaa ctgtataaac gataaatgct ggagagttga ggtggcaaa	300

<210> 1545  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 1545	
atcgattaac acttctaata agtcaagtcc taggggtttt tggttttgtt ttgttgccaa	60
cgaggaacac agctctgggg gaatggtgtc atccacctcg ctttaaaaat aagcacatga	120
tggctgggca ccgtggctca cgctgtaat cccagcactt tgggaggctg aggcgggttg	180
atcacctgag gtcgggagtt tgagaccagc ctggccaaca tggtgaaacc ccacgctac	240
taaaa	245

<210> 1546  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<400> 1546



ccgccgccgc caccaccacc a	ctgcag caacaacagc agcagcagca g	gcctg	60
catagctcca ctctgacctg tgaaggaatg	gggatgaggc caggagctag tgcctaccac		120
ggccacacag ggagcagtgt gggcccttag	cccccaaggg gcctgctatg catgtggctt		180
ttttttttt			189

<210> 1547

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1547

gacctcatg ccaccagctt ctgctccagc	ctttcttact cattaggctc tagtctcact	60
tcttattttt taaattgtga gtaattttca	tgcttggtag ttgatttctt ttccatctct	120
gtatgcatac ttctgcacc tagtaggcac	ttgaattttt tttctttgaa tacacagcag	180
atgccatgta aactcattag tacttgcttc	agaacactga attcttacct gtgttaaagt	240
catgaataca ttaaaaactt tttagtttta	cttagaagta tataaagtgt aaactaatca	300

<210> 1548

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1548

gtccaggcca ataatcagtt gggttaagtga	aaaaagtgtt taaagtgaag aattataaag	60
aaagtcatta tggatctcaa acttttactt	taattgaaac cataaaaaaca tatattcact	120
caccaatggt ttatgcaggg ttaatgcctt	ctcttttaaaa ttggacttct gattggattt	180
ctacctcatt tttcttatgt aaacacttat	agttcacttt tgatatttat gggttttgat	240
ttttgaaaca aaggggaaaat gttaaaacat	atactgttca gtaatgccac ctaatccatg	300

<210> 1549

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1549

gttgaaggta tgtgtcagtt ttaaccaggt	gttgagttat ttgatcactc ctccaaagat	60
tatttaatat tttcaataat atctaataat	gtgtgggaaa ccgtagaatt tttcatacaa	120
actgggacaa atgaacatgc atactattaa	aatacttcct acaataggca taaaatgggc	180
tttcttaggt gaaccaggag gtatagttag	cctaatacata tgctatgatt attagtaatg	240
gttttctgtg ttttatcatt catatttgta	aatctttttt gaatgactac ttggaaatga	300

<210> 1550

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1550

atatttttgc cctatttctt ccatgtacgg	agacattaca gcaacagccc agtcagattt	60
ttttcatgct atcttttagt cagatttaat	ttaatgtgta tttctagttt attgcttctg	120
ccatgtttta ttctttatga agatccccga	gtattgagtg tgccagttac cagattctct	180
cccagctcta aattacctct tcattacttg	atctgcaata ttggagccta accctttagg	240
ccaggggtgt ccaatgtctt ggcttccttg	ggccacattg aaagaattgt cttggggcaa	300

<210> 1551

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1551  
gcaggtcccc tcccacatct aaacaccac taaggcctgc ttcttaatag ctcttggtcg 60  
gcttttggttg agacaggggt ttgctctgcc gcctaggctg gagtgagtg gcgtgatcac 120  
tgcagcctcc aactcctggg atcaagcagt cctcctgcct tggccttcca aagtgcctggg 180  
attacaggcg tgagccactg tgcctagcct gaatagctct taaatctatc cacttttctt 240  
cctctgcaca cctgacaccc tagtcctgct gccctcttct ccacctggac aacctcgccc 300

<210> 1552  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1552  
gcgtcgctaa ggtataaaac ttgaaccatg attttacatt tccagttctc aaggacaggg 60  
tttgaattta atttgttggt aagagtaatt agcaattcta gggaaaaaaa agctattttt 120  
attttctcta cctcctaaca caaaaggtaa cattcatctt ctaggaaggg aaactcttga 180  
taactctgtg tctttctagg tcagccacag actacactaa gtcaccaact ccaaagggga 240  
aatttggtt tttggtgagt acttgtgcta gagaacagta gaatgcataa tctggtcagc 300

<210> 1553  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1553  
cttagaggcc ttaggcaggt ctactgggtc tcccaagctg agacctgtta ttcccacttt 60  
gcagacagaa taggtcctaa gaggtcatcc aagaccacac agactgcaca gaacagctga 120  
ggtgggaacc ggggacttcc ttctcatatt ttttgaatga attaatgaat gagggattgt 180  
gagaatgggg ctggcctgtc ttatgcagcc tctccgagag tggccaaga actctgaaat 240  
ggtcctggaa gtagagagag aaaatggaâa ttgacagttt aggactcaac agccacaaag 300

<210> 1554  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1554  
gatacatcca aatattattc atgttatagt aaatcagatg aagccttgag ctctctagca 60  
gccacgtaag gcttaaatat gagggaacag gggctcttag aagtgaagtg acttctgaaa 120  
gatgcacaga gaattaggaa agagtctgaa ttcaacctg gaacctgac tttcaggtga 180  
gtgcctggcc cactaaagaa tgacaaagcc atggggagtg gcatggaaag catgagcttt 240  
ggagttagac aggcctgggt gtgaatcctg gtcaccccag ttctgttaaa gacctcagaa 300

<210> 1555  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1555  
gctttatctc taaattagaa tcacaaatgc gtaatctttt cagggtaaaa atgtgtcatc 60  
tttaaagtct gtttcagata tatttttaat tactatttta aatgaattca tatggaaaag 120  
tcgtgggagc ttaaggcctt gtttaaaagg gaaaaaaca ctgagtcttt ttagattaat 180  
caaaaactat cctcttctt tggagaggag agagtgtttg tcacacgcgg aatgaagtgc 240  
catgttcttt gaggcacgat ttgtatgcca tttggaggag ggagtcggtt caagagaatg 300

<210> 1556  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 1556

caagattggg	ctatggaatt	ggaaggcctg	ttttggagta	ctctaaatta	aaaaaaagtt	60
atatttgtaa	aataaccacc	acaagattgc	ctgattcaca	gttcttctga	gtattggcgt	120
aggtaattat	ttaagatgtt	tgataaattg	taaaatgctt	tttacatttt	ttaaggaatc	180
aattgaacta	ctggaaacca	gtatgtagta	ttcttggcag	gtctagggtt	cataatccta	240
atttctttgc	agccactat	tcagaaatgt	agtgattaac	agagtcaaga	atgtttcagg	300

<210> 1557

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1557

gtgattccta	tttcaatatg	tgaaacactt	aaccaaagaa	tatatttcga	tgaatcttaa	60
acttgcccta	aaaacagaag	aggttaaaaa	gaatttagaa	aaaataaagt	tttagagtgt	120
ttgagaatgt	gtatataaaa	tattttcaaa	gccataatat	ggatgctctt	atggctcaga	180
agcatgccta	ctagaacacg	tctcggaatg	agagatgttt	aattctgtca	cctcccagaa	240
agttttgcag	ggtttctcac	ttgaatttgc	ttccctttgc	aacctcttgt	cctgaaggcc	300

<210> 1558

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1558

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gccacgcccc	gcagtgggtga	gggaccacac	gattttggaa	acgacctgga	cacactattg	120
ggaaggagat	gtggacggcc	tgtctcctcc	tgcagggcc	accctaagaa	tgtattttta	180
aacacatgaa	ataagtattt	ttcactgata	aaaaaaaaan	aaaaaanaan	ttnnncntt	240
taaanttnn	gtgggnnttt	tnacnnannt	ncaaactngn	agaanttcn	tngtggattt	300

<210> 1559

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1559

agtaaattca	gtgtttctgt	tgccgaagag	tgtttattgg	ttctttcact	ttcatttcat	60
agggcccttt	cttctactgg	cattctcact	ttgaattact	aagaagtttc	ttctaataac	120
cctctatctc	ctttttcttt	ctagttttag	ataaagctgt	caaaagaaca	gttatcatag	180
aaatagaaac	atttaaatta	ccggcacgat	agcttatttc	ttgctgcaac	cattcagaat	240
atctatttgt	cactgccttg	ggtgctttga	agtgaactg	tgcttagata	taaaaagttt	300

<210> 1560

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1560

ggaacgttga	ggaggacttc	aagctc	cggagtgc	gataccagca	aagacag	60
aacaaataaa	tgggaacca	gtgctgatg	aaaatggaca	cattcctggt	tgggtaccag	120
tagagaaaaa	caacaaacag	tattgctggc	attcctctgt	agttaattat	gaatttgaaa	180
ttgccctggt	actaaaacat	catcctgatg	attctggact	tttggaaatt	agtgcagtgc	240
cactttcaga	tctcttagaa	caaacactgg	aactcatagg	aacaaatata	aatggaaacc	300

<210> 1561  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1561						
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aggggtgtca	ttctgggctc	gggggtggtg	ccaatttttc	accagaaagg	gagccacccc	120
ttgcaaccac	ttctgtctcc	gttagccccc	cctctgccct	cctccaagcc	aaagcgtggc	180
ctggcttttg	tcttcccatt	tagttttcct	cttttaccct	tccttttgtg	cttaatttat	240
taaaatagtt	gctgtataat	ttattttcat	aaactataaa	aaaatactaa	atgggttaaaa	300

<210> 1562  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1562						
atctgaaccc	atgaagttga	gtaaaaaaag	caatttgcag	aaggatacat	acaaaatgac	60
accattttata	tagtagactg	aaagcatgca	gaacaatcca	ttgttggtta	cgtgtgtaac	120
agtcatagga	atgacaacca	ctgccttcag	aattatggcg	acctctgcga	tggaagagaa	180
tgggatcaga	gaaggatata	caataggctt	taactgattt	tgtgattatt	gatattagaa	240
atgttttaaaa	ttaagatatt	aacatttcat	gaagctgagt	ggtgagcaca	ccagtgttat	300

<210> 1563  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1563						
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ttctaaatgt	atatggaaaa	ataaaaatgt	ctccaaaaaa	tccttcgaga	gggaaactag	120
cccttccaga	tataaaatat	attatagaac	tgtgtaatta	aagcaatatg	gtactgggtcc	180
ataaaaagaac	ataaaaacca	atagttcagt	agactcaaaa	tgcaagcggt	ggtgagggtta	240
tggagaaaaag	ggaacccttt	tacacttggt	gtgaatgtaa	attagtacag	acattgtgga	300

<210> 1564  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1564						
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cgaaattatc	tccagaaaaa	tactcttgga	aaaaagtcac	caatgttcgt	ataattctga	120
tatttttaaaa	aatcttttag	attaaaacaa	agggtcacaa	cctccataga	gtcaatgcta	180
aatgggtgaa	aatgtgacat	aaaaatgccc	tgtgttcacc	agattgtcat	atactttatg	240
taactcacct	cagttattat	tatgcctact	acacagatga	aaagactgaa	tctcaggaaa	300

<210> 1565  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1565

attttaaataag	tctgtcttta	agagtagctc	tgagattttt	ttctggtaaa	tcactattta	60
acctctctga	tttgtttagt	ttttctcatc	tataaaattg	aaatgataaa	atgaaggtta	120
aattagaaaa	tgtagaaaat	gcctagaaca	gagtccttgca	tatggttggt	actaaagtgt	180
tttgttcccc	atggatagta	tcttctctta	aagatccttt	gaaagggcct	taaagtgaac	240
cttgtaggat	ggtaattttt	gttcatttta	atttttttag	taagttttga	ttgagatctt	300

<210> 1566

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1566

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aatacctatc	cttttcaaga	atacataaaa	taatgaccat	atatatacca	cagagtaagc	120
tgcaaccaat	tctagataac	ttaaatacag	accatgtttg	gaaatttaag	aaaaaaaaac	180
acatttataa	cttgtggatc	aaaaaagtca	tagaacttag	acaatacttg	gaactgaatg	240
taaatacaaa	tgctattaaa	atttgtagta	tcaggttaaa	caggacttgt	atacgcatct	300

<210> 1567

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1567

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caattgtcat	ttactgggtga	gacaatgaga	aaaagacacc	ctcaaact	gttggtagaa	120
cacaaattgt	taaaatcttt	ctaggagtca	ttttcaaatt	atgtatcaat	gacctaaaaa	180
tatttatgtc	tcctgttctt	atacttccag	aaatctattc	tacagtaata	accggagata	240
aaaaccttta	catataaaca	tgatttatta	tactgaaaag	tcaaaacaac	ataaatatta	300

<210> 1568

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1568

gtgtaggccc	ccatcgctcc	tcattactcg	ggtttcatat	tttgctgttt	ttgatggaca	60
tggaggaatt	cgagcctcaa	aatttgctgc	acagaatttg	catcaaaact	taatcagaaa	120
atttcctaaa	ggagatgtaa	tcagtgtaga	gaaaaccgtg	aagagatgcc	ttttggacac	180
tttcaagcat	actgatgaag	agttccttaa	acaagcttcc	agccagaagc	ctgcctggaa	240
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<210> 1569

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1569

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gataagtgtc	ctgatgaagt	aaaatagagc	actgtggaaa	cacagaggag	ggggtggaaa	120
aagtcaggga	agtctgttca	gaggaagtca	catgtgaagt	tagtgaagtg	gggaagcaaa	180
tgggtgcggt	gggaaagaga	gtagttcctg	aaaagggaac	agcatgtaca	aaggcctaga	240
agcaaaacat	tgtatgcaca	tagtaactgt	ttaattggat	atgaatttta	aaaatcacat	300

<210> 1570  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1570  
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 agcggttggt cattgacgag atctcaatgg tggaggcaga cctgtttgcc agtggccagg 180  
 cctatgtggc cctttctcgg gcccgagcc tgcagggcct acgtgtgctg gactttgacc 240  
 ccatggcggt tcgctgtgac ccccggtgac tgcacttcta tgccaccctg cggcggggca 300

<210> 1571  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1571  
 ataaggcagt ctctcaaaag tcatactgcc agagtctcta gggcaaggag aaacaactag 60  
 ctggacaata ctcaattcac aacttagcat tttgccatct gaagcttggc aaactagtat 120  
 ctgctgtaaa acaacctata tggatgtga accgtagtat tcctgagcaa aacgtggctt 180  
 tcatcgcttt gtaaaaattt gcctctgttt agaaactagc ctataaaaata tcaccattgg 240  
 atgtagatat ggagagaaaa gaaatatgtt ggggtttattg cttagcgaaa tattctcttt 300

<210> 1572  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1572  
 gctatgtgtt ctgactttgt tgattcaaata aagtaagcta aatcaattta agccattaat 60  
 aggtttataa agttatttgc tatgtgttgt tcttacatca ttgattcatg taagtagact 120  
 tgtgtgacag ctaattctta aaaaattatg aagatgttag acttcttttg atatatatat 180  
 gttgattgta tgaacagatt gacatcaata tacttattca ttataaaaaga tttgagtggg 240  
 aactcaccaa atccccacacc aaaaaaattt aaaattttac catagtaaaa aaaactaaaa 300

<210> 1573  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1573  
 gcacaattgg tattcaaacc caagtctgtt tgactcccaa acccatactt tgaacctgaa 60  
 gtctgtactg ctgaaagttt ctccttattg aagaatttat attttgcatt aatttatgtc 120  
 ttcagaatta tacaaagtat tgggccacac caaatttgag tctggtatag tagccttctt 180  
 gtaaaaaatt atatcatata acatttttat gactgtgaag acctcttaat tcttcaggaa 240  
 ggagggccct ttttcaaacc agacatcctg gggtttttac tgaccttatt tcattctctg 300

<210> 1574  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1574  
 gtgggtcagca gtaagatgga agaaagaaaag tcaaagctgg aagaggccct caacttggca 60  
 acagaattcc agaattccct acaagaattt atcaactggc tcaactctagc agagcagagt 120  
 ttaaaccatcg cttctccacc aagcctgatt ctaaatactg tcctttccca gatagaagag 180

cacaaggttt ttgctaataga aatgatgt catcgagacc agatcattga gaaatcaa	240
actgggaatc aattaaagtt cctagccaa aagcaggatg ttgttctgat caagaatttg	300

<210> 1575  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1575	
atgacatagt ggatctgaga gcacttacag cttttctgca ccatgttcag tacttgaatc	60
tgaatctaaa gagagggtt tattggatca ctattctggg ataattattga aataacaact	120
aataacaata acaacaattt ttgttttgtg aaaaaataat acaaccaaata gaaaatagat	180
taatcaaaac agtgaaaacc ctgtcccctt ttctgagctt atgaaaagag aacctaatta	240
gtaggcattc tttttatagc taatgtgcta attgcctcag agataacacc tgtgtaattt	300

<210> 1576  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 1576	
atcattctgg atttaagttg ctttgtctct tgattgctca tgaacattcc tatgtgagta	60
aatattcttc ccaatgtgat ttttttcttg ttgttaaaga caggctctgg ttttatcgcc	120
caggctggag tgcagtgaca taatcatagt ataagcatag ctactgcag ccttgaactc	180
cagggtcag acaatccacc ttctcagcc tcccagggtc ctgggattac aggtgtgagc	240
cactgcactc tgcccccaac atgatttttt tttttt	276

<210> 1577  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1577	
ctctgttcag aagccccga ttttgctcca gcagcactct caccctttct agtgagtaag	60
tacactggat tttaaatccc tagcacctag cactgtgcct gggcagccca gcataggcac	120
tcaataaata tgtgaatgaa tgaatgtgtc tgtctgtcag tcagtcagtc agtgtttatg	180
ggatctgagt gtattcacta gtagattcta tgttcttact tggcttcaag aacctgtgaa	240
tgaataagga tcaccactgt aaactaaaaa caaaatttta agccatcagc tgactgaaga	300

<210> 1578  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1578	
aaacaatata actcaaagtc ctttctacag gactacaaag ctgtctgtat caggttatgg	60
agttaaataca taatttctgg atcatgatct taaaccttta attggttcca tttctacttt	120
actctttact aacaagtatc ctgatggcct gaaaatccat gttgaaattt gaagtttgaa	180
ttttccagat caaatatgaa atttattttc attttttaaa gtacaaaata tcagttgtat	240
aatcatggta aaacataaaa ttttgctata aaagattttt aaaggctatt tgattaaaac	300

<210> 1579  
 <211> 78  
 <212> DNA  
 <213> Homo sapiens

<400> 1579

ctcagaacca ctctgtcggt tgcagg gtcacacact ctagctcact gacattt 60  
 taatttctat taaacatt 78

<210> 1580  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1580  
 gccaggetgg tcttgaactc ctgacctcag gtgatttacc cgccttggcc tcccaaactg 60  
 cagagatcac aggcattgagc caccattcgt ggccagttgt tagtttttga gatagtgtct 120  
 ccagttttaca gatagggaga ttgaggctta gaggaggcac atagtggcag aactaggatt 180  
 tgaatccaag tctgttttcc ctccaggacc caagccctta accactgtgc attttttaaaa 240  
 tagccagagg aggactcatg accaccacct ggggatgtga gcaaagccag agtccagaca 300

<210> 1581  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 1581  
 gaccaacctg gctaacatgg tgaaacccca tctctactaa aaatacaaaa attagctggg 60  
 cgtgatggca tgtgcctata atcccagcta cttggggaggc tgaggcagga gaatctcttg 120  
 aacccggggag gtggagggtg cagtgaagcca agatcacacc actgcactcc agcttaggca 180  
 atagagcaag actctatcac aaaaaaaaaa ngagagagag agananataa agaggtnnt 240  
 tgggacantt anncatnttt cctacatttt ctcttttttt caaagccan aatccttgc 299

<210> 1582  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1582  
 tttaaaaagc attttattat gtattatgaa atattttcaa cataaaaaga tgtaaagact 60  
 atctaccaat gactcccccc ttaataaaac aaattaacct gaaggctgtt ttgtgcccct 120  
 ccttgattgt gcattcacct cccaaccctt cgctccttgg gcaactgtta tctttgttat 180  
 ttgtcattgc cttaacatta gattttttta ttactgcttt tgtaattcta atgatatcaa 240  
 atggaaaaaa tatttttgaat gcaactcctc ttttaatttg ctccaatttt atctgtattt 300

<210> 1583  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1583  
 gagcgacaga agcttctgga aaccatgcag cacttgcagg aggaccggga cagcctgcat 60  
 gccaccggcg agctgctgca ggtgcgggtg cagagcctca cacacatcct cgccctgcag 120  
 gaggaggagc tgaccaggaa ggttcaacct tcagattccc tggagcctga gtttaccagg 180  
 aagtgccagt ccctgctgaa ccgctggcgg gagaagggtg ttgccctcat ggtgcagcta 240  
 aaggcccagg agctggaaca cagtgactct gttaagcagc tgaagggaca ggtggcctca 300

<210> 1584



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1584  
 ggaagagctc gtcttggagt ccaagctttt gccacttcaa ttgcaccagc tccaggaacc 60  
 atacaaccat cttcaatggc atttttgata gcacgaagtc catctcttat ggcatccttg 120  
 acttggtgta gagtatgctt atttggctct ttaaccaaca aggtaacaga gcaaggggta 180  
 acacactcct caataaaagt gaacttttct tcacctaata tatactcata cacaagacca 240  
 gcatgtccca agcaatctac agtgagatct tcaaaagaat tcacggccat tccaccacaa 300

<210> 1585  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 1585  
 ggtaaagctt cattcagtat ccattcaccc aatactgggt tgattctagg gcctaggaaa 60  
 ataggactga gcaaagccct tgtccagatg gaacttatgt tttagagggg aaaacaaacc 120  
 ataaaaaggt aaacagtata aaatcaggaa aggataaatg tatatgaaga atcaaaatga 180  
 ggacggtgat ggggataaga ggggaaggnt tttnatnacn ncnngntnng aagnngaant 240  
 ttacncnntg tcgnntnttt ntgnnctacc atggt 275

<210> 1586  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1586  
 atgggagcca tgggcagtg tcttggctgg tgaaatgatt ctagccacgt ggcccaccca 60  
 gggggcaaaa caatagaaac cttcagaaat gaaacgtcac ctggctgcaa gaagatagtc 120  
 ccacaggcgc cctagagatg gggatgccaa gtggcttctc gggaagctgt aagaatccac 180  
 agggcattgt aagatggagg gaaatattaa gttttcttcg taaagaggtg aggggggcga 240  
 gagcagcaaa ggacactgga aaatgagaag catggatggg aagtgttgca ttgagcataa 300

<210> 1587  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1587  
 gaccaacctg gctaacatgg tgaaacccca tctctactaa aaatacaaaa attagctggg 60  
 cgtgatggca tgtgcctata atcccagcta cttggggagg tgaggcagga gaatctcttg 120  
 aacccgggag gtggaggttg cagtgaacca agatcacacc actgcactcc agcttaggca 180  
 atagagcaag actctatcac aaaaaaaaaa anagaganag agagagataa anaggtatat 240  
 nggnacaatt agtcnttttt cntacatttt ctnttttttt caaagcccaa aatccttgca 300

<210> 1588  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1588	
aatcaatatt tttcaataga agtattagag gtttttttta ttgatataaa aataacaatt	60
acagatcctg atatatagaa gttattcaaa attatacagt tttcaaaaaa tcaagacaag	120
taggcccatt acaaactact gaatcatctt ctaatttccc tctaaaatat ttatagaaat	180
atgtaagtag aaaaacattc atcctttcct cgtctaatta tgatcctgcc atattccagg	240
cacaagagaa agctctgggg cttgagtcct aatagggtctg atagtccaac caggggacag	300

<210> 1589  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1589	
ctggagcatt ctaaagtgtat cactaaatat agaggagttc taattctgac aggaattctg	60
tgagggcact ggtagtatcc tcatttaaca gatgaagtaa tttgagatct ctgctggaag	120
gtgatggagc tgtgatttga accctgggtgc ctgattccaa agccatggct aagaataaat	180
aattcagtc actaaaatac ctaactttgg caagccttgg aaacagagtg cagaagatta	240
atacagattg cccaggccag tacaagcagc tatacagaga aaataagtag gtgctaggat	300

<210> 1590  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1590	
gccctctgct tcctggctga ccttgggtgtg gccctctgat ggccactatgt gtcctcttct	60
ctgagctttc tgaggatgac aagccgtctt ttcaatggga ctcccttcca gacctgttgg	120
tctcaccata ctggaatcat cataaagcct gtattgtaaa acatcattgg tgtctaaagt	180
ttgcacaatg ctatggcccc cacattaagg gagtctgggt gagatcactt cattgcccct	240
acttctctga ccagaaaaca caagagttca tgggagacaa taataacaac aacaaaaaca	300

<210> 1591  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1591	
gggaattctc tgccttttgg ggaacagtta cagaggacct actaaaccct tggctgggtgc	60
caggccccga gaccacagag ataacctggg acccaggctc tgcccatggg gagctcccag	120
ccctgtgagg aagacaggcc atcctcacc agcacatcct actgtaccgc aagagagggc	180
gcagtgactc attttttgcc gttggcatta ggtttaaaag atggttgaac gtccacagaa	240
ggaaaaggaa ttcctggcag agggccctgc ctgagcatag gcagggaggc tgagcagcca	300

<210> 1592  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1592  
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 aaggcgctca gaaagttgct gacagcgctc gtggaagtac cagtggactc tgctccagtg 120  
 atggaagaag atactaatgg ggagagccat gttccccaag aaaatgaaga agaagaggaa 180  
 aaagagccca gtcaggcagc tgccatccac cccgacaact gtgaagaaag tgaagtcagc 240  
 gagagggagg cccaacctcc ctgtcccag gcccattgng aggagttggn gggatttcca 300

<210> 1593  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1593  
 gtaaatctct gggttccagg ctcaagcctt ccactgtatg ctccatgtta ccagctatgc 60  
 cttttgaacg ggagatgttg cataaataat tgttgagtat gcactttaga ttctttgcta 120  
 acatcacatt tgggtgaaact ataaaataat tcccatgaaa attggattgc ttaatatcat 180  
 aactgatatt taataatatt taatattgct ctaaaatttc tggctaaaat gaaaatattc 240  
 aaccatcagg aaggagaaac aaaactatta ctgtttgtaa acagtttatc atcagtactt 300

<210> 1594  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1594  
 acctgtaatt tcaacatttg atgagtcaga gaaaaaaagg tttcctttgg gtcttatttg 60  
 atcactattc tgttaatttt aagcaagcct gtagtaaatt gatctatttg gatataaata 120  
 gggtacatga ttatcagtag tagagaccca tgtatcctat ttatttaca aagaatatta 180  
 aatatcctat ttttaatttt atattacagc ctattttgat tttttagata aaagtctaga 240  
 gcttttattt taatgaatgc taagagatca gaatgcactg gcattctctg atttaatagt 300

<210> 1595  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1595  
 gttaggtcca ttttgatggt acaggatact tgtaagtgac tttttgcat tctcttttgt 60  
 taccatggc ctttgtcacc cccttgaata tctcttttac tcagttctca cttctgttg 120  
 ttgacatact tgttgacatg tcccaccagt ccatgaaatg aaataccata tcttccttgt 180  
 gttgatatta cttttgtgag tatttaagac atatataata aacaaatgta aaactttgga 240  
 aattgattct cttctcatta aaaaacattt aaagggaaca tttagaatat ttgtttacat 300

<210> 1596  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1596  
 gaaaaaacia agtaataact taggccttga tcaaggattt tagcacctaa tgtttgctaa 60  
 gcttagctgt ctggtgcaga aatacaagac ataaatatta tttcgtagac agttattatt 120  
 tccttactgt gaatttagca gaatttatag aagtcttttg ggtagtaagc tttggttaaa 180  
 ttatttgttt ttaaaaaaac gcagttcatg aaacatttct acttattaaa tacaatgtga 240  
 atactatatc tattcttgct actggtcata attgttagcc ctctcccatg cctcttctcc 300

<210> 1597  
 <211> 300

<212> DNA  
 <213> Homo sapiens

<400> 1597  
 actctggcac agccagagtc attggtcttt caagcagtca ttcatatcag cgacttttaga 60  
 agaactgaaa gaatagggtt atactgaacc cactcccaga gccaggtagc tgaaagggca 120  
 ctgtgattgt tatcttacta ggaacacgtg gagtgggagt aaggcagttt tctgcagaaa 180  
 agaggggattc tgggcagaca aaaactacat atgcactatg ttttgttttg tttttttgtt 240  
 tgttttgtttt aaattaaaac cagaaaaggc gaagacttgg agaatgctca aaattttttt 300

<210> 1598  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1598  
 gtaagccata tagtctgtcc agaccactga attcctttgt tgtaggctga acagactaca 60  
 acaaatgggt gtggtataaa catagaacca gtccaatctg gttcagcttt gttagtaaca 120  
 aatgtaaca aatgatgag tcgtttttca gtgcaatgga ccccagggt gcaagtcaca 180  
 tatcgctgga gcattaacag atgaacaaag catgccaat tcataaccct tgggtggaat 240  
 gaaaaagtca actacaggta gaaccaagt actcggatca aggaatgggg actatgctgg 300

<210> 1599  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 1599  
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 agacggtggt ttaccatggt ggccaagctg gtgtcgaact tctgacctca agcgatccgc 120  
 ccgcctcggc ctcccagaag gctgggatta caggcgtgag ccaccgcgat tggccgcagg 180  
 atcatagttc actgcagcct cgagcagcca cttccggggc agctcctcca ttctctgagt 240  
 ttgagacttg ctctcatctc agatcccttc agagctctnc tggctgaacg accttgggaa 300

<210> 1600  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (278)  
 <223> n = A,T,C or G

<400> 1600  
 agattncccc cntnncctnc nncennngnc acnaaanggg aantntnnnn nnaaaaaaaa 60  
 aaaaagaggt ggggtgatta cttgagggtca gggtttgaga tcagcctgac caacatggtg 120  
 aaaccctatc tctactaaaa atatagaatt agacaggcat ggtagcgac gcctgtaatc 180  
 ccatcttctt gggaggctga ggcaggagaa tcgctagaac ctgggagggt gaggttacag 240  
 tagccgagat cgcgccactg cattccagcc tgggcaac 278

<210> 1601

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1601  
 actgggttaaa tagcccttga tgacttttca tgtggcatga gagggatatg cttataaaagc 60  
 ttaattctga tattatcctc ttactaccta cagtatgttt tgcaaaaatc agtccactta 120  
 gcaaaactaat ctttgtaaag cagtcagttt cagaagatac tttttatcaa aaaagatggc 180  
 aggtttaaca ttataccttt tggtttttgc ccaacatttg atttaaatcta aagcaagaat 240  
 ataaaataat ttttaagaagc atataatttc ttttgataaa aagtaacaaa aatttaaatgc 300

<210> 1602  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 1602  
 tttggtcagt tgcaccttct gggtcactgg tagcgcgcgagg gagccggggtg gggcctagggc 60  
 gatgatccgg cattaaggag ctgggatcat cctccgtctc aggtgggttg gggaaagtgt 120  
 aggggcaacc aaagatcatc ggcttgacta ggccctttgc cctgaacctc atgaagaaat 180  
 gataggaggc agacatatgt gcctaaaaag agcgttgagc tcagacagga gcaactcggg 240  
 ggnnnngcggg ngncantttg atttgngnncn tcnnccggcag ncncatccnc cgaatcac 298

<210> 1603  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1603  
 caaagatcta atgagtcaca ggatggggga tgaaattggg aaaggtctgg attagcagag 60  
 ttgctgcaga aagaagtaga ggggaatatc ttagaaggca cttggacaga atgggggtga 120  
 tataaaaagat gtatgctgtc atttttgttt tggctcctag aaaatatagc agaaagttag 180  
 aattttgtgcc atacatcctg ttctgcacct taatatggaa gtttgccttt ccacacgagt 240  
 cttccttcac aattaacctc taattttttt tttgcagttt tctccagatt ttggaagatt 300

<210> 1604  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1604  
 atataaaact gaagggagag actgggagag agcttcacag aagagatttt tgggtcagat 60  
 gctgaaagac taggaaaatg tagtgcagag atggccggag gagagtctgg agttccaaat 120  
 agttgcctgc tagggaaaggc agggagaggc tatgccgtga aggatcctcc atacacttta 180  
 aggatttttg gttttactct gtatgtgatt tggagctcct gaaggatgtt aatgaaaaga 240  
 gtgataggat tggatttgct tttggaaaga tctccatggg agcacgttct aaaatgggtt 300

<210> 1605  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1605  
cttttagaggt aaccagtatc atgactttaa tggtaattat ttatacaatt tttaatataa 60  
ctttgtcact ttacgtgtat tcctaagcag tatgtttact tttttcgccct cattttaatc 120  
tttatgaatc gtgtattctt tcttcctttg ctccagcatta tgttttgaag agttatccat 180  
gtagtattgt gtagttttat ttcattcatt tttgttatta tgtattatcc ctttgaatta 240  
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<210> 1606  
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<212> DNA  
<213> Homo sapiens

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ccctggcctt ggccgctatt tttgccacct gccttgggtg cccaggagtc ccctactgct 180  
gtgggctggg gttgggggca cagcagcccc aagcctgaga ggctggagcc catggctagt 240  
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<210> 1607  
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<212> DNA  
<213> Homo sapiens

<400> 1607  
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tcctgcttac cagagtgtag gcagtttttc ttaaactttc caagaagact ggtgtcctca 180  
tctaaaatac gaaatgctta cagtaattgc ctcatggggt tgtttggggt gactaaatgt 240  
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<210> 1608  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1608  
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aaaatgtctg tcactaaaga gaaaatcatc atcgcttggc atggataaaa aactaactg 180  
ccaaagtcac taacttttgg ccaaatacca aagccagcta aagtcacagg gccttggcct 240  
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<210> 1609  
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<212> DNA  
<213> Homo sapiens

<400> 1609  
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ggcggttaa cccgccggcc tctgggcaga gactaaaaga caaaacaaaa taaaacaaca 180  
acaaaaaact cccagtgtgt ttcctactct tctttgtctt ggaggaaagc aaagggagag 240  
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<210> 1610  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 1610

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ctgtaatccc	agcactttgg	gaagccaagg	tgggcggatc	acttgaggtc	aagagtttgc	180
tgcttcaaaa	tcaatcatta	cttcttagca	cctcttgaaa	tagaaaaataa	aaaatttggc	240
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<210> 1611

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1611

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gctgtagga	cataatgcga	tgagacaat	ttgcaacaat	cactgaatcc	acgtttctgc	180
tgtttaagg	tggtgaaag	gatggaggta	tagcttgtaa	tgcaaaatat	acgcagaggt	240
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<210> 1612

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1612

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agtttgtgat	aaatggagcc	ttgaccttgg	tgtcaagaaa	ttgtccttga	taccagcaag	180
gccaatttgg	aggttattgc	cattctgaga	tgagaagcag	taatgacttg	gtgtttattt	240
gagatagaaa	gcaagtaaaa	tagaaacatt	ttctggtagt	agaggcaaga	aaacttggtg	300

<210> 1613

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1613

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gttttgtaac	atagatatgt	gaagatgtgt	attatagaat	tgtttgtaat	actgtagtgt	180
tgtaggcaat	gtgactgtct	ataggggaag	ggacagggtta	ttgttggtta	atactcatgg	240
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<210> 1614

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1614

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gctgaaattc	cttctccagt	agtttaatca	aaagggacta	aatgaaaaaa	aaaatattca	180
gttggtgcaa	gttcaaaaag	gtttttagtc	tttggtgttg	attgacagct	ttccagcata	240
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<210> 1615  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1615  
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 gctgaaattc cttctccagt agtttaatca aaagggacta aatgaaaaaa aaaatattca 180  
 gttgttgcaa gttcaaaaag gtttttagtc tttgtgtttg attgacagct ttccagcata 240  
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<210> 1616  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1616  
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 acaggataat aactacccaa aggagggcag tgtgaaagt gaatcacact gttgtaaagg 180  
 tattttattg tgggaggtgg tacagtatta atctaagaag accagtaaag acgaatattg 240  
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<210> 1617  
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 <212> DNA  
 <213> Homo sapiens

<400> 1617  
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 gcacaaggct cctgctctgg agattctgct tcagtgggtg agacagaaaa taaacagttt 180  
 cccgtcacca attttccttg gaattggaca gatggcagcc accataatga tactatatgt 240  
 gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 300

<210> 1618  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1618  
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 ctctcagccc ctgatgtgcc ccgcgtgggc ttcttaggga ggctcaatgc ataaagacag 180  
 aataaaatgg gatcctccac agagatttaa tctgtagaag atcaaacacc tgttgccctg 240  
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<210> 1619  
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 <212> DNA  
 <213> Homo sapiens

<400> 1619  
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 aaactagagc atcactgaga agcaagagat agactgacct aactagaggg agagctgcc 180



tccaggatga tgccaccatc a	agggtg agaaggaaca cagcatcttc t	atgct	240
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<210> 1620  
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 <212> DNA  
 <213> Homo sapiens

<400> 1620		
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tatcaacaca agtaaaaagc ttgatctaac agtggtg		98

<210> 1621  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1621		
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tctagatagt ctgttaacag gataaaaaa	tacaaaaagg cgagcttctt aatgattcag	120
ctgaattaac tataaaatta aaatacctgc taattattat cttctaaa	aat aacacaaaat	180
atattcaata cgcaatacaa acctcagtaa tccaattctc ctaatatgca attatttata		240
acctctgaac taagaggaag tggtttgact aaacagagaa ataacaatgt ttttatccta		300

<210> 1622  
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 <212> DNA  
 <213> Homo sapiens

<400> 1622		
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tcacattgct gccccttcca ggctcacatc attttatttc tttttcttt	ttctttttt	120
ttttttttt		129

<210> 1623  
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 <212> DNA  
 <213> Homo sapiens

<400> 1623		
aaaggctatc tatattagct ggggttcccc ccaaaagcaa cattggataa ggactcatgg		60
gcagatactt tcttctggaa aatgatcccg taggatatgg gtagaaaaag aaattgggac		120
cagaaagaat gaaacaggaa agaaagaaag cctattgaag gatataaat ttctgtaaac		180
aactggagct tagtcccact gagggcccct gaggaactgc gcagaatgta agacagagga		240
ggaaatattt agccaccagt tctatctcc cattggccaa cttgatgctg agttcaggag		300

<210> 1624  
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 <212> DNA  
 <213> Homo sapiens

<400> 1624		
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aacaatgctc aattactttc ctcttaagtt gaaaccacca attactgggg aaaggggcag		120
ttagatttta ttggttgact ttgtgtttt actaatcctt gttgaaaagt agaggaattg		180
gtttagtga gaaaacaaaa tactaaaaaa tctgccacta gactttttta gtcaagagtt		240
tgtataaaat gaaacatc tactatctaa tctataaaat ttagaatctt ttaattcta		300

<210> 1625  
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 <212> DNA  
 <213> Homo sapiens

<400> 1625  
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 gtgtgggaat catatgtggg tgtatatatg ttttaaggggt atgcatccgg gtagacgttt 120  
 gtgtgtggac atgtgtgtac aggtatataa gtacatgtgt catagccttg gtacaggtct 180  
 catagccttg cagcactgtg ttcctggcgg gagtggcatc tgtctgcatg tctgaaaatg 240  
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<210> 1626  
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 <212> DNA  
 <213> Homo sapiens

<400> 1626  
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 tgcttcatgg tggctcctca atggcctgct gctgacctta cagcttctgc atgtcatctg 180  
 gtcctaccta attgcacgga ttgctttgaa agccttgatc aggggaaagg tatcgaagga 240  
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<210> 1627  
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 <212> DNA  
 <213> Homo sapiens

<400> 1627  
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 agaaaatgct caatcttact tataatttaa gaactacaat tcagccaggc gcggtggtc 180  
 atgcctgtaa tcccagctac ttgggaggct gaggcacgag aattgcttga acccaagagg 240  
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<210> 1628  
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 <212> DNA  
 <213> Homo sapiens

<400> 1628  
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 tttgacctt tttgttttat tctatagatg tatatttttg tgtttacaga aacttgatca 180  
 tattatttta taacttgctg tttcatataa aattatcatg aacatctttt gtgtcatgac 240  
 atgtctcttc ttttaatgag tgcatagtct tccaaactac aaatcttcca tactctgttt 300

<210> 1629  
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 <212> DNA  
 <213> Homo sapiens

<400> 1629  
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 gattttgaga ttataactac aataagaact ttttcaaatt gatacatatt tagccgatat 120  
 aatctaattt tttaagatgg aattattcta gttgttggat ttacacactg tagcattatt 180

tttgggaact accaaattat ttttgt catcataaag tagttgctaa a taaaa	240
agtgaatat ttattcatga aagtagtt catgtcatta agtgtatgaa tggagtgtt	300

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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1630	
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gttatattat cctcctata gactattgag ttgagtactg ttattagatc cattttacaa	120
atgaggaaac tatggagaga ttaagtaatt tgcccaagat ccataataa gaaggcaagt	180
gtcgaatgcc aggcattcta acttcagagt ccatagtctt aacccttggt ctattctctt	240
ccacaaatac acccagcagg taaaagactg agaaaaataa atatcaaaaa gtaccttttg	300

<210> 1631  
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 <212> DNA  
 <213> Homo sapiens

<400> 1631	
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tcgtgccctc ggtctcttgc ctggcacct ggatggcttg ccgccacat attggaactt	120
cattgtggaa gttacttttag gctgacagt gaaggagttt cctctagaga gagtttctgt	180
taacttctga tctgtgttct tttgtaaagc atgtctcttg taaacagcat atagttggtc	240
ttctctgccc tacagtttat tctaattgtc ctatgtctct aaattggagt gtttagtaca	300

<210> 1632  
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 <212> DNA  
 <213> Homo sapiens

<400> 1632	
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cttcaggca gaatctcatg tatccttcac tttcgaaatg ggtactattt catccccact	180
tttatcaatg agaaactaaa gtcgaagag gtcaagtaag ttcttgcca aggctagcta	240
gcaggctcta gaggcctcgt tctccttaga ggcaagcctt gccagggccc aggcttggca	300

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 <212> DNA  
 <213> Homo sapiens

<400> 1633	
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cttagatttt catggacttt gttacttttg aagattatca gcagttattt tgtatctctc	180
agtttgggtt tatctgatgt ttctgcctag attcaagtta gacatttcaa gtagtactgt	240
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<210> 1634  
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 <212> DNA  
 <213> Homo sapiens

<400> 1634

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tggtctagtc ttttgcttat ttttctaatt gccttttctt tttcttaata atttcagttc	180
ttcatatggt cagcatacta gtcctttgtc aatttacatg tattgaatat atatactctc	240
ccattctgcg gcttattgtt ccattcttca tgaacatttg taattttaat gtcctattta	300

<210> 1635

<211> 164

<212> DNA

<213> Homo sapiens

<400> 1635

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gggattacag gcatgagcca caatacctgg ccaagtcctt ttttttaac aaatgactta	120
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<210> 1636

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1636

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agtgtcaatt atatgaactc tacctcaggg tacctaaaaa agaattgttt gggtacccga	180
atgaggggga ggttttctt tagagagaag tattggggcc aacaaatgaa aaaggaatag	240
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<210> 1637

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1637

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gtaaatgaaa aagttcacaa tttggaaaaa acagtgtctag atgtgttatg gaaattgtta	180
tcacaaatta ttccactgaa actcaagtat ataagacaac aatatattgc tgtgaaatct	240
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<210> 1638

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1638

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gttttcacct gtgaactact tagcgctgag agagacagtc tgaaagcaga ggaagacatc	180
gatcagtaac accaagagac accaaagttg aaagttttgc tttctttccc tctgttttat	240
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<210> 1639

<211> 300

<212> DNA

<213> Homo sapiens

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aaaacagggg gctatagcaa gagtctttgt ggttgcccag gctaaagatg atgctggctt 180  
ggactggtgt agtagtgata gacctacaca agtggttagga tcaaaacaga ttgaagctag 240  
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<210> 1640  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1640  
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ccctcaaaaa aagctaattg aatatttggc ataaagggca tttggtggtt ttatttttgt 180  
ttgaggggga ttgtcagaaa atcccttttc tctcttacgt ctaactgact agggacaat 240  
tgttgatatg catagcattg gaatacttgt cattatatac tcttacaat aacacatgaa 300

<210> 1641  
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<212> DNA  
<213> Homo sapiens

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<223> n = A,T,C or G

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gtggggtgag ggtacggagg catgaggtag gaaaggggaag aaaggagata aaatgtgtgt 180  
taatgagcag gttagcactg tggaccacca cgctcaatcc cactgagacg tgaggaagct 240  
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<210> 1642  
<211> 298  
<212> DNA  
<213> Homo sapiens

<400> 1642  
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aatttaaaga cctctttgac ctgaacagct ctgaagagga cgacaccgag ggattctcgg 180  
agagagggat actgaggccc ctgagcactc ggcattgggg gaagacgatg aagaggacga 240  
ggaggagggc gaggaggaca gcagcaactc ggaggatgga gacccagacg cagaggcg 298

<210> 1643  
<211> 277  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(277)  
<223> n = A,T,C or G

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attaaatata ttattggatt atggttcctg aagggtcatta aagtttgagt gtgtgtgtgt 120  
gtgtgtgtgt gtgtgtgtgt gttttatgac ttaaataatct ttacgtgtgt tttttagagc 180  
ttggttcttt aaagatttgg agaagatatg taaattacca aggcacttgg ttcttctgtt 240  
ttatatacta ataatcaggg cctaagttaa ataaaaa 277

<210> 1644  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1644  
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gtgctgggtt attctgatgc acagtctagt ttaagaacca ctactttggg taaacgtttt 180  
gactgtttaa agtttatggc ggtgaagtgg gcatcttcaa agactagtac ttacacagtt 240  
tagaagattt caaggtactg ctgacagtag tttattatgt cagtatacat acgtgtagag 300

<210> 1645  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1645  
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gggaagtga tgtggaactg ctaagcctgg agcggagca accttctcc tgcagtcccc 180  
ggaggatggt ggaactctta cacggaagga tatgcgttcc tggaggcatg cgaggcaggc 240  
aggagcccca cagctccct ccacaccaat tcctctgcac aggaatatgg gattgcgaat 300

<210> 1646  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1646  
ggtctacagt atgtagaagc agaagttagt attaatgagg atggtacctt gtttgatggt 60  
cgaccaatag agtctctgtc cctgatagat gccgtaatgc ctgatgtagt acaaacaaga 120  
caacaagctt atagagataa gcttgacag caacaggcag cagctgctgc agctgccgca 180  
gctgcagcca gccacaagg atctgcaaaa aatggagaaa acacagcaa tggggaggag 240  
aatggagcac atactatagc aaataatcat actgatatga tggaagtgga tggggatgtt 300

<210> 1647  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1647  
ctaccctaca gatattgaat gcaccttgag ataatttagt gtttttaact gatacataat 60  
ttatcaagca gtacatgaaa gtgtaataat aaaatgtcta tgtatcttta gttacattca 120  
aatttgtaac tttataaaca tgttttatgc ttgaggaaat ttttaagggtg gtagtataaa 180  
tggaactttt ttgaagtaca ccggatatgg gctacttgtg actagacttt taaactttgc 240  
tctttcaagc agaagcctgg tttctgggag aacactgcac agcgatttct ttcccaggat 300

<210> 1648  
<211> 300

<212> DNA  
 <213> Homo sapiens

<400> 1648  
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 atttcccaga gcctctagaa ggactgcgtt ttgcttttgc ctcggtttta gccagtaag 180  
 acccatttta gacttctgat ctttgggaatt gtaggttaat gcatttatat tattttaagc 240  
 cactaatttc tggtaatttg ttacagcagc cgtaggaaat taacatgtag gaaaataaac 300

<210> 1649  
 <211> 166  
 <212> DNA  
 <213> Homo sapiens

<400> 1649  
 ctcagctgaa attcttttcc ctatctagtt ttgttaagga attcaacaca tgccagttaa 60  
 gctgtcataa atgaaataat ctacctcgag gctgtatttt aacagattat tatatcgaaa 120  
 gaaaaaatg aatgtttata aaataacatt tctttttttt tttttt 166

<210> 1650  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1650  
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 ccatggagaa caccaggagc cacagacccc agaccacaga gcacacaggg gagggcacgg 120  
 ggcggccggg gcagggtgtc tgctgcctcg tttatgggat ttgctccgcg tctagcacac 180  
 tgctgcctgc agtgcctctg tcccctgcag tggctactct gggcctacgg gcctaatect 240  
 ggttggcatg aaaatgtcct gaggctactg tgacaaattt ccacaaagctg agtggcttaa 300

<210> 1651  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1651  
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 ggagcattat gagcattatg tcagaataga atagaattgg ggttcgatct taacaggcca 120  
 gaaatgcctg ggtttttttg gtttggtttt gtttttggtt ttttatcaaa tcctgcctga 180  
 ctgtctgctt gttttgccta ccatcgtgac atctccatgg ctgtaccacc ttgtcgggta 240  
 gcttatcaga ctgatgttga ctgttgaatc tcattggcaac accagtcgat gggctgtctg 300

<210> 1652  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1652  
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 aggagagaga actggatgga gcttcccagg tgatgacagg gttgaactcc agggctatac 120  
 ccagctgagc aaggagagct ttgcctcttc aggagactgg aagttgggga agactccaac 180  
 aggcttggtg tcagaagctc aggagactgg gaaggaaaag tgaatttctg aggagtccta 240  
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<210> 1653

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1653  
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 aaaatacaca cgcacacaca cacaaatgga catttacccc actcctgctt ttgtgtctatt 120  
 gtgggtcatgc atagtatttc ttttttgcgtg ttgtttttct tgtttgttttc actgtcatac 180  
 aggtattttat gatggaaaca gaatcagagt ctgaccttcc tgacttgaag tacaagggtt 240  
 ctgggggtttt tcattcgtgt tttatgtgtt ttttaaaaaa ttatttgtgt ttttaatcga 300

<210> 1654  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1654  
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 gaggagacaa cccaacagt cttgccatct atcgactacc tacgctggat cctgtgtgtg 180  
 taggagatga tggacacaag gactggatct tttccatcgc atggatcagc gacactatgg 240  
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<210> 1655  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1655  
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 tccaactttt ggatatttta aattgatccc tgtgtggcta acagaattaa tgtttccaaa 120  
 aatgttgaaa attatatagt tctcttaatt cccacctct aactatattt ttgggttatt 180  
 tctttaggaa cagatgccca ggagtcatat tactgagaat ctagaaatct tttgcaaagt 240  
 tcttggttata ttgccaatt gtttcccaa agggttgttc taaaccataa tttcaccagc 300

<210> 1656  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1656  
 gagaaagtaa agtcccttta taatggcatg tgaaccagac aatttagtag ccagggttgt 60  
 aaggcaactc ttaactgaca atatagttag tatattctgg gccttcatct tcaaaattag 120  
 taggtagtat ttattgagtg catatcatgt gccaggcctg gtgctgagtg cttacaatga 180  
 tcattttata tatgggaaaa ttgaggctca gcagggtcaa gtgccttgta agaggtagca 240  
 ctagtaagta acagtgtctc aattcaacta ggtctttcag ctttttatac aatactgcct 300

<210> 1657  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1657  
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 aaccagatc tgccctgct tagaggccgg cccctctagg agacagcatg tggggccacc 180  
 cagagatgca ggactcttct gttctgcctc atcgagcag agaggccatc cctggagctg 240



gaagggtgcag actgggaatt g      ttctc tgaattgcta gctcctgcta a      tgcac      300

<210> 1658

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1658

gtggcccaag	gggcccacaa	taaataacac	agtcactcct	attggtacag	caatgccaaag	60
atttagaagt	tatttcatag	gagctgggac	aaagggtcaaa	cctctctttg	ggcaagaccg	120
tattctttat	tgcatagctt	tgaaaagaga	ttttgtatta	cccaaacatt	tattttaaaa	180
aggcaccccc	atatatccat	cactcgaact	gtacatttct	aaatgtacat	tgacctttgg	240
tatattagtc	tagcaatcca	gattttgcct	cttgtaagc	gtatcagggg	cctggcagga	300

<210> 1659

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1659

agacactgaa	ggaaccaata	aataatcctg	cctctattaa	tgtattttta	tttatcatgt	60
aacctcaaag	agccttctgt	attgagtaag	cattctatgt	ctttttttta	ttgtacttgt	120
attagatttt	taaggcctat	aatcatgaaa	tatcactagt	tgccagaata	ataaaaagaa	180
ctgagtttaa	ttatgaataa	tatgtaagct	aggacttcta	ctttagggtc	acataacctgc	240
ctgctagacg	ggcaacatga	agtaggacag	ttctgttgat	tttttagggc	catactaaag	300

<210> 1660

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1660

tccccatctc	cacactccct	accctctgtc	ccctcaaccc	tgctttatct	ttttatgaag	60
aagagagatg	acattatttg	gattttgata	ttaaacagct	aggttatctt	aggtaaatac	120
ataagctttt	gtggggccaca	gtttcttcat	ttgaaaaatg	aagttggact	agttttgcag	180
tgcttaactg	cacagagcat	tagaatcacc	tggggagact	tcataaacta	cacaaccagg	240
gggtgtacctg	agatcaaagt	aatctaggcc	ttctcaactt	taatgtgcag	acaaatcacc	300

<210> 1661

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1661

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ctgctttatt	tttttatgaa	gaagagagat	gacattattt	ggattttgat	attaaacagc	120
taggttatct	taggtaaata	cataagcttt	tgtggggcac	agtttcttca	tttgaaaaat	180
gaagttggac	tagttttgca	gtgcttaact	gcacagagca	ttagaatcac	ctgggggagac	240
ttcataaact	acacaaccag	gggtgtacct	gagatcaaat	gaatctaggc	cttctcaact	300

<210> 1662

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1662

atctatatct	attaatat	ttctgtagat	ctatacctat	catatccatc	catatgttta	60
tattatat	acctaata	tttaatactat	atcatgttat	gcacatatat	atgaaacatt	120
tttgagtgga	aaattttatg	gaaaaagtat	tctatataag	gtggattagt	aatcctcttt	180
tgaaaaaaaa	ttctagttct	tctcaattgt	gaaagatatg	tctaagcttt	ctaacaaaat	240
gaactccaaa	cagtcttaga	tgtctgcctc	tttttaataca	tttagtgaaa	taattggttt	300

<210> 1663

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1663

gttggtgtgt	gtctgcatgt	ccaaatctcc	ctctcctttc	tcttataaag	acataggtca	60
ttggatttag	ggcccatcgt	aaatccagga	caatttcac	ttgacatccg	taactgattt	120
tatctgcaaa	gtctctat	ccaaataaag	tcactttctg	agatttcagg	tggaacagta	180
tttgcgggga	tagtattcac	cccactagat	tcagggttgt	gggaagtgtt	gcttactaaa	240
ctctggttca	cggagctgcc	aaagaaaaga	gatttat	ttaacctagg	agagaaggca	300

<210> 1664

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1664

caggctcatc	tccaactgac	ctcatgatcc	actggcttcg	gcctcccaaa	gtgctggagt	60
gcagtgggtg	gatcatggct	cactgcagcc	ttgacctcct	gggctaaagc	aatttgcctt	120
cctcggcctc	tcaaagtgtc	gggattacag	gtgtgagcca	ctgcacgtgg	cctcttttta	180
gtttat	tccaaaatta	ttttgaaaag	tttcaagggtg	gaatgtagtg	acaccatcac	240
ggctcaccga	agacttgacc	tcctgggctc	aggtgatcct	cccacctcag	cctctcaagt	300

<210> 1665

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1665

gttgatctct	catcagtgtt	tgacagttaa	tcactttttc	ctccttgaaa	tacctctttg	60
aggcttccaa	gacaccacac	acaactgggt	tacctctctc	tgtctctctc	ttttttgttt	120
cctttgctga	ctctttctca	gcattttctg	taggggttcag	tccatggctt	ccttcacatt	180
tctgtctcac	tttctccctt	aatgttgcta	tctagtcttt	taattttatt	tatttctagt	240
tttaaaat	aattttaaaa	acttaatttt	atttaatttt	tgagacacag	tccttgtagt	300

<210> 1666

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1666

aaaattatca	aaccatcctt	tgtctggcatt	aaatattcaa	gttgaagatc	cttcaccttc	60
ctttaatcct	atattagagt	ctataggtgt	gtctttctta	tagcaatcct	gcactcacat	120
aaaaactgga	ttttcaatat	aagatcaaaa	tgtatttcac	aaaaaatgca	tctttatatt	180
tggttacatt	tctcctgact	gaatgggtgcc	atgtacagtc	tgtgtaagtt	atagaaaacg	240
tttgccaact	cgtagtctac	catttttggt	tttggtttct	atttggttcg	tctggctctt	300

<210> 1667  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1667  
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 cattgcactc cagcctgggc aacagagcga gactcttctc tcaagaagaa gaaaaaaaga 120  
 aaaagaaaaa gaaaaagaaa aaacttttga tgccagtagt tctgtgaaga caacaaaaaa 180  
 gcagggcttt gagagagagc aatgagggca taggtggctg attacatcag atgggttaat 240  
 ctccaagtga aatttggggg aacggtgttc caggcatagg gaatagcaga tgtaaaggcc 300

<210> 1668  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1668  
 gtaaagtgtg ctgattgaga actagagttg tgggggtcaga cagacctggc ttcaaatacct 60  
 cctcgccac ttacagctat gtgatctctc tgagctcagg tttctcatct gcaaagttgg 120  
 gttaataata caagttcttg ctcatgtttt tgttgggagg agtgaatgag ataaatcacg 180  
 taaagcacgg accacagtga ctggctgata ataagcctca gtggatggc gcccttagaa 240  
 ttattttgtg accctttgct tttgaggcag ctggtgagct ctgtagcctc agagattact 300

<210> 1669  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1669  
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 cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgg ggccgagtgg 120  
 acgatgcca gtaccagcgg gcgtctgaga ctgaaacatt aattctgaag aagaagaaac 180  
 tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240  
 atgcttctgt cgtagccgg gtgcagtgtc gtgtgtatct agttccagct acttgagagg 300

<210> 1670  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1670  
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 gggcgtctct gggctctgac ttgctcatct gggaagagat ggggtagagg gaggtagatt 180  
 ataaatcatg cttcactcag tcaacagaat gctactcagg cactaaaaat gatggcgtag 240  
 ccctacgtat tctgacatgg gaagatggcc acaatatctt attatgtgga aaaaactagt 300

<210> 1671  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1671  
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 aaatgtcatt aacttcattt taaagatgaa gaaactcagg caaaaaaca gttatcaaat 120  
 tgccaaaagg gcacatagtt ttagaaatgg gactgaaatc cagctttcct gactcaaagt 180

cctatgttaa tccaccagtc atcttgag cttctgctat gggctatgta tctctgaa	240
tgtagaccaa cacagaataa ttctctaaatc ttacagactt tttcatagta cctctgtctgg	300

<210> 1672  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1672	
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gtcaaccacc actgggagct cctgcagctt ggcaagctca ccagcaccac agtgacagat	120
cgaggaccac atctcctcaa cgctctgaac agttataaaa gccgggtcct ctgcggcaag	180
gagatcaaga agaagaagtg catcttccgc ctgcgcatcc gcgtcccacc caaccgcca	240
gggaagctgc tgcttgacaa aggactgctg caaatgagaa cagcgctcc tctgagctgc	300

<210> 1673  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1673	
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ttccagatgg gtcagaaacc agacagaaat actcagtagt gagaagctat ggtgtatcag	180
aagctgttag gcatttcatg gtttggttag gagcaagaca gatagttttc ctgtattcag	240
cgacttagtc tagagagaga caggatggaa ttaagtgttt aggtgctagc caaaagtaaa	300

<210> 1674  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1674	
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agacatgaag ttaacaatg gacaacagtt agtacagcta attgtgaggt caagtaattg	120
ttagacatag ggggaaggctt tgttccacaa tattatatgg accactgaac aagaatgaca	180
gccctttgtt atcacttggc atatgaaaag tgttgtgtgc atagtttgtg ttaatttttt	240
atgtgcataa aaatgtgatt ttaatttata tgctctgaag gataattcag ggtatagtta	300

<210> 1675  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1675	
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gtaagttaaa ttatagtcct aaggttgaat gctaataaag acagaataca agtccaatat	120
attggactca aaagccctca cttaactatg gtctccatgg gcttcccttg gctctctctg	180
ccttttttta ttttttctta ttgcttgagg ccctttcttg aaggtaagtc tggattatct	240
acttcacact gttttagaga agacttgtagg tttccattta ccccttactc cctccgctcc	300

<210> 1676  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1676

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agtcactaag	tctagcctat	attcagggt	aaggagagtt	aagctccacc	tcaagggt	120
aaaatttata	gacattttca	aatgactaca	tcacttaacc	cctcaccatc	tgccctccca	180
ttgctagcac	ttgatgacta	gcccttgctg	ggctttacat	gaacagatgt	ttcccaaagt	240
tataaaatta	gtaccactaa	aatgtatcaa	atgttaagcc	attctgtggt	atgtcatagt	300

<210> 1677

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1677

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acaaaccagc	tgaatcataa	aaacaaatga	ctagttactg	ggaggggttt	ctctctttct	120
cattattttt	acttctacca	aagtaatgtg	cacatactgg	taattttatt	ttattttaat	180
tttcaccaag	ctagctaatt	ttctttcttt	tttttttgng	naggnggggt	gtcggccttt	240
tgctcgaggnt	gatctccaac	tcctgncctc	aancannctt	tcncttggg	cctaccagag	300

<210> 1678

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1678

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at ttggggga	agtgtagtga	ggaggagccc	agaggacccc	aggggagtga	ggagggagaa	120
cttggaaggg	tgcagcccac	ttccagactc	tccccctctc	cacccttcta	ccctgtgaag	180
ggaaatgagg	gcttttagttt	cctgggcagg	gaggggagc	ttctgaggtt	gcaaaggcc	240
cccactggat	ggaacctgtt	agctgctcct	ctccgcagcc	agaaatgctg	ccggctgcac	300

<210> 1679

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1679

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ggaaagtgac	tggggtgagt	gagttccaaa	tggaggggaa	tgcatgtgca	gaggcctgga	120
ggtgagggga	acctgggcac	attccaggag	ctgaagggtt	tgttggtggt	ggaacataaa	180
gagccaaagg	gggccaagca	gtgcttcaca	cctgtaatcc	cagcactctg	ggaggccgag	240
gtgggcagat	cacctgaggt	caggagttca	agaccagcct	ggtcaacgtg	gtgaaaccct	300

<210> 1680

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1680

aggcatttca	aactgaacac	atctgataca	gaacttttca	tttcttccc	aactttgccc	60
acgccagcct	gtctctctt	cacgctttcc	acttagtata	tgatcccact	attcactcag	120
tctctgaagc	ttaaaacctt	ggattcatcc	ttgactactg	tattctttac	aatctactcc	180
taatgcatta	gcaattcttg	ctagctctac	cttcaaaata	tattctgaat	agactatttc	240

ttgccgtttc ccttgccctcc c      tccca tctgcacccc ttctctctc c      atcaa      300

<210> 1681

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1681

aggatgtctg	ctggacatcc	aagtggctgt	gtcaagtagt	catctgtcta	tttgtgtctg	60
aagtgccag	gagaggcctg	agcttggagc	ttacatctgg	gactcattgc	taagtaaatt	120
atatttatgt	aatgggaaag	gatgaaaacc	cacatgtagg	atgagagttg	gccttgagcc	180
tttagcgttc	ccgtagtttc	ttttatttat	ttatttattt	attttgagat	ggagtctcac	240
tgctgtccag	gttggagtgc	agtggcgcg	gcgcgatctc	ggctcactgc	aggctccgcc	300

<210> 1682

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1682

ttcttgagga	gctgagcctt	cgctcctcag	atcacaggct	cacatgttga	agctggcagt	60
gctagagact	agttcctatc	tgtgtgacag	catttttaat	ttaacaggac	cgcctttgat	120
gttcccaaat	atttataggc	agcttttagat	catttccagt	tgtgctttct	ttttcttctc	180
tctctctctc	tctcttttaa	ctggagcaaa	agttcttcct	catgcaacag	ccttcctttt	240
atcctgttta	gtttattttt	gtttcctttg	cagctttggc	gaaggctgtc	tggctgcatt	300

<210> 1683

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1683

tgaagccagg	aaagggggtg	ggctaggggg	tgctgtttta	ggtagagtga	tgggaacagc	60
cccactgagc	atacttttagc	cacatgagta	gctggaagaa	aagccttcta	ggaccaggga	120
acagcaagtg	caacagccct	gagacaggat	gggcttgtca	gtttgaggag	cagtgggagg	180
cctgaaccag	gttacatggg	gccagccag	tatggccacg	actttgtgtt	ttatccagag	240
tacaaaggag	cctcactgag	ggacaaggga	agtggcatga	tgtgaccgcg	atattaagag	300

<210> 1684

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1684

gcggagaaga	ggggtagtgg	ttggaaggag	gaattctcct	ttagggaaga	tgtctgggaa	60
ggcctctctg	agagagtggc	ctttgaaagg	agacccta	tgatgaggg	atgagaggct	120
gagccatgta	agtatctgga	tggaaaacat	tacaggcgga	gacagtgggt	tgtgcaaagg	180
ccctgggaca	gggtcaccgc	tgtaaacatg	gcgccatgag	ccagcctctc	aggaaaagg	240
tctcatgaac	aaatgaggaa	agcaagtaga	ggtagggcag	ggagggagag	gcaaaggaat	300

<210> 1685

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1685

agcagtatag ccacagcacc aacgaatgag gaagagcaaa atactgcatg acagctttgc	60
taagaattct ttcacttttt ttgtctatca gccaggagct agcaacttgg cttattttga	120
aattttaagt gtacatatcc tggctcctta aatcctttac agatttaaag tgcagtcagt	180
ggagggcgag tggtttcgga aaaaaaaaaa aaaaaaagaa aaaaaaagaa aaaaaaaga	240
ttttttcttt ctntnaancg gantcggnat ggggttgat nntttcaang ggggggttaa	300

<210> 1686

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1686

cccaaccca ggtgtgccgc gtgctgcccc tgagagccct gccccgcgct gtgacccccg	60
agatgcgcgc cctgggtgga gactggctgg tccagggtgca cgtaggagta cctgggtctg	120
gctgggtgaca cactttatct ggcggttcac ctgcttgatt cctacctgag cgctggccgc	180
gtgcgtctac atcgctgca gctgctgggc gtggcttgcc tgtttgtggc gtgcaaaatg	240
gaagagtgcg tgcttcccg gcccgccttc ctctgcctcc tgagcgcgga ctcttctca	300

<210> 1687

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1687

ccacactgct gttctcatga tactgagttc tcacaagtcc tgtttgtttt ataaggggct	60
tttccccctt ttgtcaaca cttcttcctg ccatcatgtg aagaaggacg tgtttgtttc	120
cccttctgcc acgattgtaa gtttcctgag gccttcccag ctatgtggaa ctgtgagtta	180
attaaacctc tttcctttat aaattaccca gtcattgggca gtcctttaca gcagcatgag	240
aatggactaa tacactcctc aaatgttttg aagattgttg caccttgga ctaccagtgt	300

<210> 1688

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1688

agttttggat gagacttggg atgggtccatt ctgggacaaa attcctctct ctctctctct	60
gcggaccctg gaaatctaga aaataagtta ttgtcttcta aaatacagt atgggacaga	120
cataggatag acattcccat ttcaaaagt agaaattggg ccagggtgcag tggctcacac	180
ctgtaacccc agcacctgta atcctagctc ccaggcgcc tgaggcagga ggattgcttg	240
agcctgggag atcaagggtg tagtgagcca tgattgcgcc acctttattg gaaactttta	300

<210> 1689

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1689

ggccaaacta gggcctgctc tgacatccgc aatgtacgtc cactagcagt gcgcaagacc	60
tcccgcgaga cagggtgttg ttttaatgcc catctcacag atgaggaaaa gatctcaaag	120
taccttgatt atttaccaa agttcccgc ccaggccttt aaaacttttt atgcatgcac	180
cgcctcttga ccacatcaga caatcaccac aaaacgatgg gctgacagtt actagagggt	240
tagtaactta tctttaaaag ggccaggtag taaatatttt aggccttttg gccaaaagtc	300

<210> 1690  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1690  
 acatacagtt tattattcac aactggggg agggatgatga ataattgatta tttaatgagc 60  
 cctcttccta gttttcccta agtctgcaga agacaaagat cctgtttcca ggccatgaaa 120  
 ggactgaagt aaatattgta aataagtaca gctgaccctt gaacaacatg gaggttaggg 180  
 gtccagttga aaatctgcat gtaagtggac ctgtgcagtc caaacctgtg ttttaactgct 240  
 gaattaaagg tgcttccttc tgctcattga tattacccat atttacaac atgctagaga 300

<210> 1691  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1691  
 caaatattaa atattcaatg aatgatagct gcctctactt ctccttttgt tgtttttatt 60  
 ttccatttat gtagtcattt atttatttta atgtcttcga aagtattgac ttttaacaagt 120  
 actttgtgat gcatttatta tttcatttgt tattatttat gtatttgatt tatttctttg 180  
 tgaggtagga tagaatctca gtcagatttt tgctgttagg ataccacaga ctggataact 240  
 acaagaagg gaagtctgtt taactcgcaa ttctagaggc tggcgcatct aagagcatga 300

<210> 1692  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1692  
 ctgtgttctc tcaatgacag agaaatcact gtggtgctat gttggtggaa cttgctagga 60  
 actccctct atggtgctca ggaaagctgt tcgttgagag atatctctct acagtaactc 120  
 tactatgaaa ccacccaagg tgagggttaag gatgctgctg cttagaaaga gatgcagaca 180  
 aatgtactaa tgaaggctca acacagctct ttcaaggcaa gacagggtcaa gaggacaaaa 240  
 agtaaaagta tgaaaggctt taagaaatca ggtagatcgt aggtgtatgt gtgtgtgtgt 300

<210> 1693  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1693  
 gagaggtaat gcttcatttt gcatagttgg gaatcaagat aatctgtttt taataataca 60  
 agaaacaaaa gcataactat attatttata ttacaaaagc aatctttaga aaaactaaaa 120  
 ggggtatata agtattgaga ggagaggaaa aggaatgata tggatcatg aggtattttt 180  
 tgatcaatta tagtaggaaa tagacaatat ctaaaatgga taaagggaaa atggcaatat 240  
 tatcttttta ttttatatta ttttaatttt ttaagacaag tgctcgctct gtcgcccag 300

<210> 1694  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G



<400> 1694  
aagtgaactca ggttacttcc agatggtgag gactttctga agctgtcgcc cttacaggcc 60  
atgacttttc tctagcactg tccagattgc aggtgtcttt cctgatgcga tatggggcta 120  
tcccttacc caattcttat ttcacggaga aaagaaaagc aatttttttt ttttttnnaa 180  
acanagtctn attttgtcnc cnggntaaag gncagggnc nnatntnggt taanngnanc 240  
ntnngcnttn ggggttaang cnattttcnn gcntaancct ccc 283

<210> 1695  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1695  
ggccactccg cctcttccct cccttcgtcc cttcttccctc tccctttttt ccttcttccct 60  
tcccctcctc gccgccaccg cccaggaccg ccggccgggg gacgagctcg gagcagcagc 120  
caggtagaac ttttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180  
atttgttcac ttttgttgaa agtgaccatg tctcaagttc aagtgcaggt tcagaaccca 240  
tctgtctctc tctcagggag ccaaatactg aacaagaacc agtctcttct ctcacagcct 300

<210> 1696  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1696  
caattacaaa aatggcagca ggagattaat tatgagatct aactgaaat gacttaacct 60  
aaaattaatg tgttggcagt ttgcaatatg ttaaattttg gcattatctc tcttttggca 120  
atataaaaaat ctttttttaa aaaacatgac atttgaattg aacatgtgca gaaccctga 180  
agtatgtctg agaaacccta ggttctgtgg catatgagat gaaaaccact gacaaagaga 240  
accagatatt acatatgttc actgcatttt cacatcaaga aggcttgga aaagggctag 300

<210> 1697  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1697  
cagttttgct gtacctcttg aaagttaaag agacatctca gcactttagg aggccgaggc 60  
gggtggatca cttgaggaat aaccaggcca tacggagtta ggagctgaag ggacacgatg 120  
agaagtgacc agaaggtaag agtgtgagcc ctctgtcacg cccagataag cgcaactaga 180  
ggactccttg gtctagtggg aacgccagtg cctgggaagg cacctgttac ttaagcgga 240  
aagggaatct ccttttccct ggaggaatta gagaacactc tgctccacca cttcttgtgg 300

<210> 1698  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1698  
gcttcttgtg ttggaggaaa cttcagatac ttcatttact ccagagtgcc cagagattcc 60  
ccagtcggaa aggatagact gcacacctga ccaggagggtg accgaggata tctgcagatg 120  
gcaatataag tgctgtggg cgctgtggc agatgccaat gtccctaggt gcttcttccc 180  
ctggaactgg ggctatgaag ccagcaatgg ccatacaaat acaagcacag gatttactgc 240  
ccagttgaaa aggttgccat caccatctct gtttggaaat gatgtcgcca ccaccctttt 300

<210> 1699  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 1699

gccatacttc	ctgccttcca	ggaacagga	caccagtgtg	actggagcac	agtgagcagt	60
ggggtcggac	cggacaccgt	cgccaggtcc	tgtggggcct	tgttgctatt	gcaagggctt	120
cggtttggac	tgagagttag	cagagaagcc	tgtagagag	tttcaaataa	agatgggaca	180
tgatctggct	gatgttcttg	gaggacatgc	tgctgctgtg	tctcatgaga	atagactgaa	240
gcggggaaga	gtggaagtag	gaaaaccagt	tgggaggctg	ttgtaaccta	ggtgagttag	300

<210> 1700.

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1700

gatggacagt	ggcactcggg	ggcagtcacc	ataaaacaga	gactgctttg	gtgtgaccga	60
cggttgaggtc	ccacctgccc	cactgtccat	agaggccgtg	acctttcctg	cctccaggta	120
aacacataag	tgcttcccg	gctgacttcc	gatgtgtatt	aggatcccag	tgagacttct	180
tgggcggtatg	ctgaaaacaa	gcttaaattc	tggccccaac	aatacagagt	gagccaagac	240
gacatgacct	ccttcttcag	agaaataaat	gcctttctcc	aaagcctcta	gaactatagt	300

<210> 1701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1701

ggcattcaca	ttttaatatt	ccttggtatga	acatggcatc	atatgattag	aaaaccaaaa	60
ttcatttttg	atggctgttg	tggtcagatc	gtgtcctcta	aaattttatg	tgctggaaac	120
ttaattttcta	gtgtcaacag	tgccgagagg	taggggcttt	gggaaagtgt	aatggattaa	180
tgccacata	taagggcttg	ttggagggaa	tttgggctct	ttgttgcccc	ttccatcctt	240
tctacatgt	gaggacgcca	cactcctccc	ccttggaaga	tgcagcaaac	aaggtgccat	300

<210> 1702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1702

ctcgacttaa	ggcaaagcag	gagaagcgct	cagagaagga	cacgctcaag	accagcaacc	60
ctctagtctt	agaagaggca	tcagccagcc	aggcaggcag	cagaaaggag	agtcggttgg	120
aatcatctgg	caagaacaaa	tcctatgatg	tgcgaattga	gaactttgat	gtgtcttttg	180
gcgatagagt	actgctggct	ggagcggatg	tgaacctggc	atggggccgc	cgttacgggc	240
tggtggggcg	gaatgggttg	gggaagacaa	cgttactgaa	gatgctggcc	acccggagtc	300

<210> 1703

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1703

ggaaaattcc	agtttatacc	tggtgtacct	gtgtaattat	tggtagcact	ccctttcact	60
cttacaatgt	cttggttttg	atgatatatg	gtgaagtttt	tggtgaaact	aaattatgaa	120
gtctgatata	tttgataaaa	aataaagaat	tgcttttctt	ctccttttgc	tgattttttg	180
acacatcatt	ctaagcaaaa	tcatctcagc	ttcgtatatt	tcagcctgaa	gtacttctta	240
ccaaagtgtg	ttcatgtaac	atgtgttcaa	tatgttcgtg	acatgtctct	cagtaatgaa	300

<210> 1704  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(287)  
 <223> n = A,T,C or G

<400> 1704  
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 cagaaggaaa ccgagatgct tcccgcagcc gtggacgatt ctccaggact cttttttttac 120  
 cttgagcact tgcctcgtga gacttcatag aacagtgggt tactgtcccc cccttctcac 180  
 ctccctcattc tctctggctc tttctgtctt cctcttctca cctcctccc tccccttagc 240  
 catcacttct gggaagtann nnnctgacct aaaggtttta gattcnc 287

<210> 1705  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1705  
 gggatcaagt ccatcaggtc ccaggaaagg cgtgaatggg agtctgaagg ggagaaatgg 60  
 aactgcaaat aattatttgg aattatttat ttatttattt atttatttat ttattttttg 120  
 agactccatc tcaaataaat aaattaaaaa aaactgctcc aaacaaaaag atataactta 180  
 ctttagtgca taattctaaa cgggtgtttt gctataaagg gcatcattgg gataaatggg 240  
 gaaacttgaa tgggatctga gaattacatt taacttttct gtaactttgt gcttatttca 300

<210> 1706  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1706  
 gtcagagggtc aacaatgagt atgtggcaat aacaggattc aaaccagat ctgttagctt 60  
 ccaaagtctt tggctcttaca tgctaccac tagttccttg gagggggctc cggaccatgg 120  
 aggtcacaca ccagtgtctc gagtgtgggt ctacagcac ctgcatcaac atgaggttgg 180  
 gatttgatta aaagtggatt tctggggcca cccacattct gaatctaaag ttctgggtgt 240  
 ggtttttagga acctgtgctt ttaacaagta cccttagtga tttatatact tactaaacac 300

<210> 1707  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1707  
 gaggagtaag gtcaatttct agtctgctct tgtttccgac ttgtgaaaat aagctgttaa 60  
 ttacattgt ccaggtgagg gagaccacct ggggagacag ctgttttagaa acaaaaggaa 120  
 agatggtttt tgtttgtgtg gctcagtttc aaagcttaat tttccctttt ttgttagtga 180  
 gtttgtgatc ccaagatttt attttcttt tacaatcaca tggaatggca cccatttatt 240  
 tagaattgtt tctctactgt ctctcacct gctggagact gtgagcagct ttatggctct 300

<210> 1708  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 1708  
 attacaacaa tatggatagt agggaggagg aaaacaagag gagaatggga tcaacagaag 60  
 gcatatatgg ggagtgtctg gatggctgga aaattccatt ttttgaccaa gatgtggtaa 120  
 acacggggag taaagttata attttttctc ttactgtgct tttaggtttt gttgctttct 180  
 gtctgtatgc tgtgttccac aataataaaa atatttaaaa ggcaaaaaaa agtaaaataa 240  
 tgaatataaa attacactga aactacatat tctcatagat agaattgtaa ttatta 296

<210> 1709

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (226)

<223> n = A,T,C or G

<400> 1709

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 aagctgagaa aaaggggaaca gaaaattatc aaagtcaaac cctacacaaa gttattagaa 120  
 gagaaaaaca ctacagaaag acacgctcaa aaaaacagaa caaatctgaa acatggtaag 180  
 acccctctcc acaaaaaana naaaaaaaaa angnttttaa aaacnt 226

<210> 1710

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1710

agcctctgat catcaagaca tggcagaata caaagacaag tcacaggcta gctgaagata 60  
 tttgcaatac ataaatccag caaagactta tatccagagt atataaagaa gttctgtaa 120  
 tcagttagaa aaaagacaaa cccccaatt aagaatagtc aaaagatttg aacaggcact 180  
 tgacaaaagg ggggtattga aatggccaat aaacacataa tcattactta tcacagaaaa 240  
 gcaaatataa aacagaaaga gataccacaa cctcctcccc agaatgtcta tatggaaaca 300

<210> 1711

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1711

gaaacagttg gctattcatc atcttcggca cttatgacaa cattaacaca gaatgccagt 60  
 tcatcagcag ccgactcacg gagtggctga aagagcaaaa acaacaacaa gtcttcaagc 120  
 cagcagtcac catcttcctc ctctcttctc tccttatcat cgtgttcttc atcatcaact 180  
 gttgtacaag aaatctctca acaacaact gtagtgccag aatctgattc aaatagtcag 240  
 gttgattgga cttacgaccc aaatgaacct cgatactgca tttgtaatca ggtatcttat 300

<210> 1712

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1712

ctaaaagaaa atttatattc taatttttat ttgttgcccta tgtttcataa tttttaatct 60  
 aaggtctttt tagaaatgtt tgtagtcca aatgagtgtc cacaatatgg taaacacatg 120  
 ggagatttct ttttttttaa attttatttc catacgttat tggggatcag gtgggtgttg 180  
 gttacatgag taagtctttt agtgggtgatt tgtgagattt tgggtgaccc atcacctgaa 240

cagtatatatc tgcactccag c ggaac agagcagact ccattctcaaa a acacac 300

<210> 1713

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1713

caccgccagg	ccagctgtca	ggaaacaggg	gctctaggcc	cagcttcacc	acttaggagc	60
tatggctttg	ttcagaaaca	ttgtgactct	cttaccacaca	cattcctctg	ctggaagggg	120
agattgacaa	accagcatca	tctctaattt	actacaaaag	ccctcactgg	aaattattct	180
taacttagca	gctggtagga	tccattaaaa	aaaaaagtaa	gttagactgt	gttactctgc	240
tgctcaaagc	cctgcagtgc	ctcctcattt	tacctagcgt	aaaacctaaa	gtcctttcca	300

<210> 1714

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1714

cccttctgag	cctgtccatt	catcggtggt	tctgccccta	ctccccagc	cctaaatacc	60
ccagctgctg	ttcctcccca	tcaccagcc	accggattct	ccattcaccc	ctttctctca	120
cccctggagc	cccggtgggtg	ggggcagggc	atgagttccc	cagtcccaa	ggaaaggcag	180
ccccctcagt	ctccctctc	ctcattccct	tccatctccc	tcccctctgc	cttttaaacc	240
catccctcc	gattccctc	ctccccctc	tctccctggt	gtcaactcga	ttcctgcggt	300

<210> 1715

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1715

atgaccttct	gcctgttcta	tctctgagga	cagttgtgat	tggatttagg	gcccattccag	60
ttagtccagg	atgatctcat	ctcaagatcc	taaatctgat	tacaattgca	aagatccttt	120
ttccaaataa	ggtcacatgc	acgtaagtcc	cggggattat	gcttgctggt	gacacatctt	180
ttttgaggcc	accattcaac	ccactacaaa	atccaactga	agcccagcga	agtggctcat	240
gcctgaaatc	cccgcactgt	gcgaggccaa	ggcaggaggg	tcacctgagg	ccaggagtcc	300

<210> 1716

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1716

ggagatttca	acttaacttg	accactgcac	tccagcctgg	gtgacagagc	agagcaagac	60
tgtgtctcaa	ataaataagt	aagtaagtaa	gtaaatatcc	tgtaggatc	tatgtgactc	120
aaggctagtc	actttcctat	ctatgctcca	gttttctcat	atttgagaca	agagacttga	180
tttttagcata	aagggtgagag	ttgaagtaat	gagtgtgaaa	gaggaaaggg	agaaaacata	240
cagagaagag	cagaaaacac	aagcagctgg	taggcagaga	atgcagaaat	tcaagttaga	300

<210> 1717

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1717

cagagttttg	agcagagaag	tgacactatc	agacttaagc	attaaaagaa	ttgtccaatg	60
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aatggctgtg ctgaaaatat atgggta aagtaagcta gaggcagggg taataatc 120  
aggctaagag atgtttgtgg ttgtaattaa gtggtagcag gaggtgttaa gaaagtgca 180  
cattgtgtat gtattttgaa ggtacaacca acaggatttc caggcaagat agagtgtgat 240  
gtgaaaaaga aagaaaggag tcagtagtga ctcaggagtt tgtctgagca tccgaagtgt 300

<210> 1718  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1718  
ctgagacctc gtctctataa aaacaaaaca acaaaacata aacaacaaca acaaataact 60  
atgtgataag cattgggtta ggcactagaa aatagtgtc aaacaacaac aacaacaaca 120  
aaacatgatt cttgtctcaa agaatgcaca atgttgggga aagacaacta aaaagtaata 180  
aaacataaag tttgaaggat attatgatag aggaattata ggatacgttc aatcatttga 240  
aatttttgaa tgtcatcctt ttgggtggag caccgagagg gtttgtgaaa aagcttcccc 300

<210> 1719  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1719  
gagtggatat gttcgtggag acactgtgga aagtctggac cgagctcttg gatgttcttg 60  
gacttgacgt ctccaacctg tcccagtatt tcagcccagc ctcggtgtcc agcagcccgg 120  
cccgcgcgct cctgctggtc ggcgtcgtcc tcctggccta ctggttcttg tccctgaccc 180  
tggtgcttcac tttcagcgtc ctgcacgtgg tgttcggccg cttcttcttg atcgtgcggg 240  
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<210> 1720  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1720  
ggccagcggg tgcgtgcgag tggccttgaa ggcagctgct gcaggtgaag agtaggcggc 60  
ggggcagaga ggggcctccg agggtcacct gaatggttga gcatggacct tgttgctacc 120  
cacagctgcc atctgtcca gcaactgcat gagcagcgaa tccaaggcct gctttgtgac 180  
tgtatgttgg tggtaaaagg agtctgcttt aaagcgcata agaatgtcct ggcagcattc 240  
agccagtatt ttaggtgggt attttagact tcattctcct agctgtgaat taagggtaaa 300

<210> 1721  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1721  
gcacaagcca ctgtgcccg ccaatactgc aaaatatttt aaaaagttaa aattatctct 60  
tctggctggt catagtggct cacactttta atcccagcac actgggaagc tcagtcagaa 120  
ggattccttg aggccaggag ttcaagatca gtctgggcaa cacagacccc atatctccaa 180  
aaaaataaaa ataaataaat aaaacagtta tcaggctggg agtgggtggc catgcctgta 240  
atcccaccac tttgggaggg tgaggcaggc agatcatgag gtcaagagat caagaccagc 300

<210> 1722  
<211> 276  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

<400> 1722  
 ggaactccag gcttgccact acccaacccc agcctggctc tgaaaatggt aattgactgt 60  
 caggacggct tgggtgggcg ggggcgaggt tgcagtgagt gagccaagat cacaccactg 120  
 cactccagcc tggtgacagt tcgagattct gtctaaaaaa aaaaaaaaaa anntnggncc 180  
 tttaaanctn tagggngncn nnttacgtaa atccanacnt gataanannc nttgatnagt 240  
 ttggacaanc cacaantaag aangcntnga aaaaaa 276

<210> 1723  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1723  
 acagagcgag actccagttc aaaaaataaa ataaaaatta aaaaataaaa taaaataaaa 60  
 aatttactag gcatccagca ttcatthaagg agaataattc agttaaggag gaaaagaatt 120  
 ctgggattct ggggaatttcc ttaaccaata aagagtatgt gtgagaaacc tactgctaac 180  
 atcataactta atggtaaaaag tccaaagatc agcaaaaaga ggatacctgg tctaaacact 240  
 tccactaagc attatactgg aagttctagc tagtgcaata aatgaaagag tacaagtat 300

<210> 1724  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1724  
 ggaagggagg ttaaggaag agactgtgga cagaggtggt agggaagggtg tcagagaagg 60  
 ttaaggagcc aacatggatc atgggggtgg tacagtgttg ccagggtggt ggaggattgg 120  
 ctgcagtgtg gggtagccag ccgctgccat gtggagaggg acctgtcact cctgctgtga 180  
 actctccctt cttctgccct ctgacctcct gctgggtgct cccattgggt aaacacagtt 240  
 gatggccagt gcactgggga gctgttcttg gagccacag gcattctgctt cttggcacag 300

<210> 1725  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1725  
 ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggccgtgatc tggcaaagcc 60  
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 gaggcccaaa cccccagtgt ggctgcattt ggagtagggc agtaattatg gttaaattgag 180  
 gtcgtatggg cgggtgctga tccactagga ttaggatcct tataagaacc tgccaccttc 240  
 tctctgccac gtgaggacat gggtagaagg cggctgtctc ccaccagga ggagccctta 300

<210> 1726  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1726  
 caaagctggt ttataaatta gggagaagag tgaggagaga ggaataggat agacgaagggt 60  
 agagagaggg agcagtggag aagaaaacct cagagtgagg caaaggaaga ggtgtgaagg 120  
 ggaaaagaag tggcgatggc agggaagagc ccctggccat gagagagact ggggggagtg 180

ggaaggaagg gaagttatgg gg gggc acagagcaga gaacaagaga gt cttag 240  
agagatgaaa gaaacagtga gacagagcta agaagagcga tctcacgctt aagacaga 300

<210> 1727  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1727  
cccctctcca cattgacctc tagagtggcc tgtccaactc ctaagtccaa ctttcccaca 60  
ccggacagaa agcttttttac tggccccggt gctcccggtt gaggcctaaa cacttgatga 120  
tgatgaagat gaagatgtga tgatggtagc catcacacag ctctcccatg taaccctcac 180  
gacaaccctg caaggcaaat agcatcacca tccttatttg gcaaataaaa agctgatggc 240  
tcagagaagg taaatgactt gcccaangng actgagccag tattgccaca nacaggctcc 300

<210> 1728  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1728  
ctccattgtg aagatccagg catttttccg agccaggaaa gcccaagatg actacaggat 60  
attagtgcac gcacccacc ctctctcag tgtggtacgc agatttgccc atctcttgaa 120  
tcaaagccag caagacttct ctgctgctgt gatctgcaca cctccaacc tgggcaggga 180  
ctgggggggat gcagtgtgtg ttagtgccca tgtggcattg tggcactgtt gcccccatg 240  
gcggcatggg caagatgacc ttccattagc ttcaagtctt gttctcttgt ctgtggtctg 300

<210> 1729  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1729  
gatctctttt gaggtgatgg tgctggccga gctgtttctg gagatgctcc agagggattt 60  
tggctataga gtttataaga tgctactgag cttcctgaa aaggctgtgt cccacctga 120  
acctgagaag gaggaggcgg ccaaggaaga agccaccaag gaggaagaag ccatcaaaga 180  
ggaggtggtc aaggagccca aggatgaggc acagaatgag ggcccggcta cagagtcaga 240  
ggccccgctg aaggaggatg ggcttttgcc caaaccactc tcttctgggg gagaggaaga 300

<210> 1730  
<211> 271  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(271)  
<223> n = A,T,C or G

<400> 1730  
agacaatccc aaatatttgg agattgtctt aactggttta gtgtagctat aaaagaatac 60  
atgaagctgg ataatttatg aagaaaagag gtttatttgg ctacagttc tataggctat 120



acgagatgca tcatgccacc atctgg agcccttcag gaagcttcca ctgagcag	180
aaggtgaagg gcagccagca tgtcagtg tcactgggtg agaggggaagg caagagagan	240
aanagggagg ggnccacgctc tattnagtac c	271

<210> 1731  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1731	
cagttcacag tattaccctc agtgcaccag aattcctttc tatccatata ctcaccagca	60
cttggtactg aactctagtt tttgccaaatt tgatgggtgt gaaatggcat cttattgtga	120
tttttaattt ttctcattac ttacaaagtt catcatgtct cctagccctt tgggtttcct	180
gttcaatgtc aatttcctat ttatgtattg gcccacataa aaaatattgc atagtctatt	240
ttaaaatgat ttataggggc tctttacata ttctgggtac taattattcc ttatgtgtga	300

<210> 1732  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 1732	
ctggacgcct ntaatgcan aanngncccc ngtttaacag accngcaaatt ccgggngcgg	60
aacangaccc nngggtttcc tnttgntccc tngttngggg gcggtggntg gggctgtncg	120
gccaanngang ganttgnttt ttttangntt taaaananga ttttaaaant cannnnnnng	180
tttttttttn tttttttttt tttttaattc tgaaacagac ctgttttgta ccgagttatt	240
tttgggataa attttactgg ttgctgttgt ggagaagggtg gcgtttccac ctttt	295

<210> 1733  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1733	
atgggggtata gatgggttttc cccctgtgta ctctagtaaa tttctatgcc atttctccta	60
tcgatctgcc ttttgtcagt tgatttttca gcttaacttc agagagcaaa ggggaagggtg	120
gccaaagtga gtgtctcatg cctgtaatcc cagcactgtg ggaagctgag gcaggcagat	180
cacttgaagt caggagttca agaccagcct ggccaacatg gtgaaaccct atctttacta	240
taaagaaaaa taagtcgagt gtggtgggtgc acacttgtaa tcccagctac tcaggaggct	300

<210> 1734  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1734	
gggggttccc aatagtagaa aggggtcccca ttctgtctca gcaccgcacc tctctacccc	60
cccacagaca cacatgcaga cacacacatg cagacaacac gcagacacac acatgcaggc	120
actcacatgc aggcccatgc acacacacgt gcacacacat gcagagacat gcagacacgc	180
aggcacacat gcacacatgc aaagacacgc atgcaggcac acgcagacgc acacagagac	240
acacatgcag atacacatgc acacacacat acacacactg gccctgttt ttctgtgggtg	300

<210> 1735  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1735  
 gcttgatcgt ctgggcctgt gtttcagctg ggataggatt ctcaatcctt cttgttcaaa 60  
 tccgaagtcc agaaagctct gaaaactgaa agttttttca taattttatt cactgtaaaa 120  
 cctgaattga actgatattt atctcactaa aaatgattat tcatatattt tactgttaaga 180  
 atagtataat taccaagtaa tatcccagac ctagtttagat aaatgcacta ttttctttta 240  
 atttcaaaac aatcttaatt ctgaggcaca tttggctgac agcatttcag ataagggatt 300

<210> 1736  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1736  
 tcctatttta cgtggttggt gagaggatcc gatggaatga ctagctgaaa gtgtttgtaa 60  
 aagtcaggat aagtaaagca atgctgcagg aacaaacaat ccccaaattt cagcagctta 120  
 ctacaaaaaa atatgtattt ctactcatg ttcattgtcca atgtgtgtta gcaaggagat 180  
 actgtctctc acagtcatgc aagacccctt gctggggaag ctgcacctcc atatatgctt 240  
 ctaccatcac cagggcagag gagagggagc atggtggatc atacactggc tcttaagact 300

<210> 1737  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1737  
 atttcctgag gtctccccag ccaggctgaa ctgtgagtca attaaacctc tttccccaat 60  
 aaattaccca gtctcgggca tgtctttatt agcagtgtga gaatggacta atacaagtac 120  
 cattaataaa tttcacaacg tagattaaat gtgcaaattc cttgaaagac acaaattaaa 180  
 aaatgacctg agaagaaaag aaacttgaat agatctgtat ctattaaaga agttgaaatt 240  
 ataattagaa accttttgaa cattagaact ccaggccctt tgttgtgaat tctatcgaac 300

<210> 1738  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1738  
 gcctgtagtc ccagctatct gggaggctga ggtgggagga tcatctgagc ccagtagatt 60  
 gaggttgcaa tgaatcatga ttgtaccact atactccaac ctggacaaca gagcgagacc 120  
 ctgtcgcaaa caaacaaca aataaataac ctgggcaaca gagcgagatc ctgtctcaaa 180  
 taaataaaca aacaaaagta gcagattagc tgggcgtggg gttgcatacc tatagtccca 240  
 gctgcttggg aggctgaggc agaggatcac ttaaacccaa gaggatacag tgagccatgt 300

<210> 1739  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1739  
 gtttaagtct tgtagctgta tagcattcca ttgtataact tataatttat ttatgggttg 60  
 tactattgat gaacatttga gtagtcttca gtttggaaact accacatatg gtgctgttat 120  
 gaatactttt gcacaggtat gtgaacacat gtacacattg cagttgggtat atatacagta 180

ctgaattact ggcttataaa ta	taaa ttttaaaaac aaaattaatt gc	agca	240
tattattgta tctttgaatt tta	accaaa ttaaaaattc tatgagttgt tga	attat	300

<210> 1740

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1740

taaatgttga aattaactag acaaagtagt tgaagtcctg atgaaaagat tgttcagttc	60
ttctttctcct gtagctcaga acctgtttgg atcatacatt taaatgtaga aatataaagc	120
ttttagaaga aaacataggt gaaaacctac aagacaaaac ttgggtgaaga gtttctccat	180
gtgatgcaaa aacatgatcc atagaagaaa gaaatctgta aattggactt tatcataatt	240
aaaaacattt gctttgcaaa atgccctgtt aagatgatga aaaaacaaac tacatactgg	300

<210> 1741

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1741

caaataggag atggggttttt tttcgggggg gagggaagga acagctttgc attaacaact	60
actgagaatt atacatttaa agattatctt caatgtccaa taacccttat attcaatact	120
gaatttattt ccacttctcg ccttcatttt tatttggtac gtattctcaa agttctctcc	180
tagtagaaga atgaaccaga aatgaacata agcatgtcgg aattcacgta tgtggcagac	240
tgtattttcc aaagatggcc acaacaatat ttctcattcc acatggtctg ctggaacctt	300

<210> 1742

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1742

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gactctcact attcacacca gttatgtggg gagccgtagc tcttccaata tggctattgt	120
ggaagtgaag atgctatctg ggttcagtcc catggagggc accaatcagt tacttctcca	180
gcaacccctg gtgaagaagg ttgaatttgg aactgacaca cttaacattt acttggatga	240
gctcattaag aacactcaga cttacacctt caccatcagc canagtgtgc tggtcaccaa	300

<210> 1743

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1743

gaagagctga agagaggagg tggcaggact aactaaaagt gggacagtca cttgttatag	60
tgaaggtaga atggacagaa ttgggcaact aattaagagg gagaaccctc taggagaaca	120
ggagaacgca tccaaacctg gaaaaccagg aagagaagat ccttggtgag aagcagtcaa	180
tgagtttgct ttgggatatg ttgagttccc aaactcatca tgaggtgagg cttccaggta	240
gcaaatgaat cacttgagac caggagttag ggagcagcct ggacaacata gcaagacccc	300

<210> 1744

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1744  
 caaaaagtta aaatatttatt tttctctcat gtaacatttt ggataatttg atgattccct 60  
 aatgttgga cccagctctt tctgtcttag gtcacaaact atccttgagc ctgtgtcatg 120  
 ggggatgact ctgaagctgc gtgcacctg ttcattcaca ttttcttggc ctgaacttag 180  
 tcactaggct attcctaact gcaagagaag ctggaagatg tagtcttcct tctgaccagc 240  
 catgtgctca accacaaatt gagtttcagt tattggaggg cagaaagaat agatatgggg 300

<210> 1745  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1745  
 aagtctcact ctcatattgtg ctttctccat cccatttccc tccccctttt aggcaaccat 60  
 tttagctgac ttcttggtta tcttgccagt gtccttcat gcaaataatgg gcatatatc 120  
 tttcttcccc cactttcttg cataaaagggt agtgatcat gtatatactg ttctgcacct 180  
 tgattttttt cacttgacat gtcttagaaa tctttcctta tcagtgttta tagaccatcc 240  
 tcattctgtt gcatagcaaa ggtgattata ttctgtttac ctttgggggt atggcccatc 300

<210> 1746  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

<400> 1746  
 ctactgagcc tggtctgcaa ctggggtgag ctccaccttg aacgtcgatc ctctgcctg 60  
 gtggagccat cccagctgat gccacatgaa gcagacacaa gctgtcccta ctaagctctg 120  
 ctcaagttgg atattcatga gtgaaataaa tgactgttac taagtaaaaa aaaaaaaaaa 180  
 aaa 183

<210> 1747  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1747  
 gagaaacact cagggcctga accaaggaat taactgtgat tggagaggag aggcagcagc 60  
 cacagaaggc acaaagaagg tggaaacacc caaacatttg tcagattgag gggtagggg 120  
 gcatgagaac tccaagatta cactcaggtt tctgtctttg gtgcctttaa aaattttaac 180  
 caaagttgag aatttactgt atgctgggga ctctataaga ggctttatct ttattatgtc 240  
 tgттаatcct tgcaacagcc ctgtgagagg tatttttgcc ctcatttgat ggatacctga 300

<210> 1748  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1748  
 atatgcacat tgtaccaatg gcagactttt ggctttgata ttgttctata attatgtaag 60  
 atgttaccat tatgggaaac tggaggaagg gcatatggga cttctttgta ctgctttttc 120  
 tattccctgt gagtttataa ttattttata ataaaagttc aaaaacactt attggatgga 180  
 catcacagaa cataatagaa gaaagaatca gtgaattata ggtctgttta atagaaatga 240  
 ctcaaactga cacacaaagc aaaaagaatg aagaaaacag aacacagtgt ctgagacttt 300

<210> 1749  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1749  
 cctgcctccc attctatgca aagtcacccc tccgggcact gagataaatg cttatctaata 60  
 tgccctccttt ggagaggctc atcagaaaact caaaataatg caaccatttg actctcacct 120  
 acctgtgacc tggaagatcc ctctctgctt gagttgtcct gcttttcttg atggaaccaa 180  
 tgttcacctt acatatattg attgatgtct catgtctccc taaaatgtat aaaaccaagc 240  
 tgtgcctcga ccaccttggg cacatgtcgt caggacctcc tgaggctgtg ccacaggcat 300

<210> 1750  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1750  
 ggaatacttc ccaactcatt ttatgaggcc agcataactc gtatcaaaac ctgacaaagt 60  
 cattacaaga aaagaaaatt acagaacaat attgttagtg aataaagaag caaaaatcct 120  
 caacaaaaca ttaacaagtg aagtaaaca tatataaaag gataatactg catgaccaag 180  
 tgggtgtggt taataatttc aggaactcaa catcagttta acatttaaaa aaatcaacat 240  
 aatattatta ataaaataaa ggagaacaat aatatgatca tctcagtgtg taaaataaaa 300

<210> 1751  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1751  
 ctagcaactg ttccagatga gcaggattgt gttactcaag aagtgccaga ctcccgccag 60  
 gcagaaactg aagctgaagt gaaaaagaag aagaacaaga agaagaacaa aaagggtgaat 120  
 ggtctgcctc ctgaaatagc tgctgttctt gagctggcaa aatactgggc ccagagggtac 180  
 aggtctcttct cccgttttga tgatgggatt aagttggaca gagagggctg gttttcagtt 240  
 acaccgcaga agattgctga acacattgct ggccgtgtta gtcagtcctt caagtgtgac 300

<210> 1752  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1752  
 gttaaaagaa taaaaaagaa taattgaagc cttcgagaca tatgggatac tataaagcca 60  
 ccacatattt gaatcatttg ggtcccagaa gacagagaac aaaaggattg gaaaactcat 120  
 ctattttttt gttattaaat aatagatgaa aacttcccaa atctatcaa tgatttagat 180  
 atccagaaac aggaggctcc aagatccgca aacatataca atgcaagaaa gtcttctcct 240  
 tggcacatta tagtcaaact atctaaagtc aaagacagaa ttctgaaaaa ggcaagagaa 300

<210> 1753  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<400> 1753  
 gcctcaggag gagctcaaag aggagcagac agccatgggt cctccagcca tccctcttcg 60  
 gcgctgcaga tactgcctgg tgctgcagcc cctgagggtc cggcactgcc gtgagtgcg 120  
 ccgttgcgct cgccgctacg accaccactg cccctggatg gagaactgtg tgggagagcg 180

caaccaccca	ctctttgtgg	tctggc	gctgcagctg	gtggtgcttc	tggcct	240
gtacctggca	tggtcaggcc	tctggttctt	ccagccctgg	ggtctgtggt	tgtgg	295

<210> 1754  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1754						
gaagagaact	atctaaatga	gtaatggtca	agaaatttta	aagcataatg	acatgaaaca	60
aacaaccggt	ccaggaagct	cagagaatac	aattcatgac	aaacaacaaa	aatacagcac	120
cagacatagc	atttcctata	tgtagaataa	aagaaaataa	aataaatcaa	taaatagaca	180
aagagaaaat	cttgacagaa	tctggaatga	aaactacatt	ccttgtagag	aaaaaagagc	240
aaggatttca	gcccacttcc	agtaagaaac	caggcaagaa	agaagagagt	tgcgggaaat	300

<210> 1755  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1755						
aataattatg	ctgaatgaaa	gaagccagac	agcaaaaatt	tcctactgag	tgattccatt	60
tatataaaaa	tctagagaat	gcccaattagc	ctttagtga	ataaagcaga	acagtaattg	120
cctgtgacag	gggtgggaaag	atttggaactg	gaagcaggga	ttaccaagag	gggtgagaaa	180
acttttgaag	gtgatgaata	tgtacattgt	cttcattgct	ttgatggttt	tacaggtgta	240
tatgtaattc	aaaatgatca	aattatacac	tttāaatatg	ttcagtttat	tttatagaat	300

<210> 1756  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 1756						
atatgctgag	gtcctggcct	ccagtacctc	agaatgtgac	tgtatttggga	gatggagata	60
cagccttcaa	agaggtgagt	aagttaaact	gaggttggtta	agatgggccc	gcaaccaatc	120
tcaccggcat	ccttagaaga	aaaggagtgtg	gagacacaga	gagagaggct	agacacaggc	180
acacgtgaag	ggacggtcag	gggaagcggc	agcgagaggg	tgctgtctac	agccacagag	240
aggcccctga	ngagaccaac	gctgccggna	ccatgatact	ggactgantt	accg	294

<210> 1757  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1757						
tgattctgga	acagagtgca	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	60
caattacatc	atattctcta	ctatatcttc	ctgtgtattc	aaaagtatct	ttttgaaaat	120
ggaagggtag	atgacatttt	ctccgatctt	tattatgttc	ggttcacgga	gtggctacat	180
gaagttctga	aggatgttca	gccccgggtc	actccacttg	gctatgtctt	gcccagccac	240
gtgactgagg	agatgctatg	ggagtgcag	cagcttgggg	ctcactcccc	ctccaccttg	300

<210> 1758

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1758  
 ccgaccccc aggaggccat ccagcggtcg cgggacacgg aagagatggt aagcaagaaa 60  
 caggagttcc tggagaagaa aatcgagcag gagctgacgg ccgccaagaa gcacggcacc 120  
 aaaaacaagc gcgcggccct ccaggcactg aagcgtaaga agaggatga gaagcagctg 180  
 gcgcagatcg acggcacatt atcaaccatc gagttccagc gggaggccct ggagaatgcc 240  
 aacaccaaca ccgaggtgct caagaacatg ggctatgccg ccaaggccat gaaggcggcc 300

<210> 1759  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1759  
 cccatgtccc gcccgctcgt ctgcctgggt gcggggtgac acggggcttc gccttgggaa 60  
 ggggtcgagg gaagcagtta gacggctgcc gggcgggcgg tgccgcgcgg cacacaatat 120  
 ttatttaatt gcccaactac cactgatgaa gatataattg agtgactgct gaaattgcct 180  
 ttttgTTTTT aaccagagga cagtccattt gtttcacttc tttttgcttt ctttactgct 240  
 atgagcttta ctgaacggct gaaaaacttg gaaaataaaa tggacatgct gtagtcttga 300

<210> 1760  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1760  
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60  
 ctgttatgtt gcctgagggg gaggatctca atgaatggat tgctgtgaac actgtggatt 120  
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180  
 gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggt actaatatta 240  
 aaaagccaat caaatgttct gcaccaaatt acattgacta tttgatgact tgggttcaag 300

<210> 1761  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1761  
 ctaaggaaag ggcctagggc caaggcaggc taaatgccac tcgggtcttt gttattgggc 60  
 ttttattatt ctgttgggtc gtccaccac cccagtggat gttaataggc caaattttgt 120  
 aaacattttg aataatttgc cctgtaaaat gagttcctta gtcactgtga agctcttgag 180  
 agacttccca ggttgatata atttttccag taaggtttaa ctactgccat tgctgtgacc 240  
 tatcaagaag aaggtgttaa cccagtttga aaacatgcaa atcataatta gtacgtgctg 300

<210> 1762  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1762  
 ggaagtacaa attaagatca cagtgaagata ccattatcca cttgtcacia tggctaaaat 60  
 aaacaatagt ggcaatacca agtcctgtga aggatgtgga gaaatggatc acttatacac 120  
 tgctgggtgg catgtaaaat ggtacaacca gtctgaaaag cagtttggca gtttcttata 180  
 aaagtaaaca tgtaattata tgctgtggtc tgaatgtcct ccaaaaattt atatgttgac 240

acccaaaccc tcaaggtgat g tagga gggtaggccc tttgggagat t tctga 300

<210> 1763

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1763

gctcaaacaa tctgcccacc tcgtcctccc aagatgctgg gattacagtc atgagccact	60
gcagccagcc tacattttta aatggttgga aaatcaaaag attatttgat gacatgtgaa	120
aatggtataa aactgtgaaa tctattgtcc ataagtaaag ttttctttga acacatccat	180
gctcactcgt taacttattt tccatggctg ctttcattgt gcaatcttgt ccctgccctt	240
aaagagctaa ggggtctagta gagaggcagt aatggtgtga gataatggct aaatggaagc	300

<210> 1764

<211> 94

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(94)

<223> n = A,T,C or G

<400> 1764

cccctccagc ccccaaacat agcttcaaaa ccttccttgc tatttgttct tnggnngggg	60
ggnnttttta ataatcgctn ncnngncccc nnac	94

<210> 1765

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1765

agaaggcagg aatgtcaggc ctctgagccc aagccaagcc atcgcatccc ctgtgacttg	60
catgtatacg ctcatatggc cagaagtaac tgaagaatca caaaagaagt gaaaaggccc	120
tgccccgcct taactgatga cattccacca ttgtgatttg ttctgcccc accttaactg	180
agtgattaac cctgtgaatt accttctcct ggctcaaaag ctccccact gagcaccttg	240
tgacccccgc ccctgcccac cagagaacaa cccctttga ctaattttcc attaccttcc	300

<210> 1766

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1766

gacatacgag aagaaattaa atgtgacttc gaatttaaag caaaacaccg aattgctcat	60
aaaccgcatt ccaaaccaaa aacttcagat atttttgaag cagatattgc aaatgatgtg	120
aaatccaagg atttgctagc tgataaagaa ctgtgggctc gacttgaaga actagagaga	180
caggaagaat tgctgggtga acttgatagt aagcctgata ctgtgattgc aaatggagaa	240
gatacgacat cttctgaaga ggaaaaggaa gatcgtaaca caaatgtgaa tgcgatgcat	300

<210> 1767

<211> 300

<212> DNA

<213> Homo sapiens



<400> 1767  
gagaactcca aatagcccaa gagggtggtg ccccccaac ttcataaggg tagaggctcc 60  
tgagattagg agaacccttt ttaggcttta ctctatgtac ctcttcattt gagtgttcat 120  
ttgcgtcctt tataaccagt aaaacaaagt acgctgtttt cttgagtttt gtgagccctg 180  
tagcaaatta tcaaacctga gtagggcagt gggaactcgg aatttatcac cattcagaac 240  
tgcaggttgt ccttgtgagt ggcatctgat gtgggggaag tcttgactg agccccttaa 300

<210> 1768  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1768  
ccggcggtc tggctgcccg gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60  
ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgt 120  
accaaggcgc agccgattct gcccctacg attggttcgg ggacttctcc tcttccgtg 180  
ccctcctaga gccggagctg cgccccgagg accgtatcct tgtgctaggt tgcgggaaca 240  
gtgccttag ctacgagctg ttctcggag gcttccctaa tgtgaccagt gtggactact 300

<210> 1769  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1769  
agagaactag tctcgagttt ttgacagata atagccaccc taggaggtgt gaagtggat 60  
ctcattgtgg ttttccattt ttctgatgac tgagaatgtt gagcatcttt ccctgcgtgt 120  
tgtccatttg tgtatcttct ttagagaaat atctgcttac gtcctttgcc cagttttaat 180  
tggattgtct ttctgttgct gagttgtcgg aattggttgt acatcctcca tactgagtc 240  
tcatcagata cctgatttgc gaatatcttc ttccatacca tgagttatct tttcactttc 300

<210> 1770  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1770  
ctagaattct gttactgtca aaaacgtttt caaaaatgaa ggcaaaataa agactgtttc 60  
tgagaaacta aatcaaagggt aattttatta cctgtagacc tgtctttggg aaacattaaa 120  
ggatgtttga gggcagcagg aaaataatac aaaacttaag tttgggtctg tacaaagaaa 180  
atcagctttt ctaagatcaa gccagagttg cttctcttac aaccttacgg cgctaatgca 240  
ttaagttgaa gtcgactgcc aaagaggccc agcagagggc agcaccacca tcattttttt 300

<210> 1771  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1771  
gcatagagac catcatggca tgctccccgt gtgaaggcct ctactttttt gagtttgtga 60  
gctgcagtgc gtttgtggtg actggcgtct tgctgattat gttcagtcct aacctgcaca 120  
tgaggatccc ccagatcaac tggaatctga cagatttggt caacactgga ctacgcgctt 180  
tccttttctt tattgttca atcgactgg ctgctttaaa ccatagagcc ggagcagaaa 240  
ttgctgccgt gatatttggc ttcttggcga ctgcggcata tgcagtgaac acattcctgg 300

<210> 1772  
<211> 300

<212> DNA  
<213> Homo sapiens

<400> 1772

gtttaggggtc agatccatgt atttgtagct tggaggtgag cccagggggtt catacacaac	60
tttgctccct actgtctgtg atccctctgc cactttctgg ttccttggag ctccctttca	120
tgatcctcct gtcagaatac cagggcttta atttgccac tctctgccat gcactttctca	180
tgactgcata tgcataccagg gccaagcggg aggaggacag agggagccta aataaacaat	240
aggatttgtt tcacagtctt gaagctacag cttctctggt cagagaaaag aattcaaagc	300

<210> 1773  
<211> 288  
<212> DNA  
<213> Homo sapiens

<400> 1773

taattatagt ccctggagtt atgcagctaa ttaaagggtca aacgcagAAC tttaaagacg	60
ccttttcagg aagagattca agtattacgc ggttgccact ggctttttat tatggaatgt	120
atgcatatgc tggctgggtt tacctcaact ttgttactga agaagtagaa aaccctgaaa	180
aaaccattcc ccttgcaata tgtatatcca tggccattgt caccattggc tatgtgctga	240
caaatgtggc ctactttacg accattaatg ctgaggagct gctgcttt	288

<210> 1774  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1774

caacaaacta ggaatagagg aaactatctc aacataatag aagttatata ttaacaaccc	60
acagcagacg tcacattcaa tggtaaaata ccaaagtctc ttcctctaag atccaggaac	120
attacaagga tgcctaactt tgccacttat attcaacata gtactggaag tcctaaacgg	180
agcaattagg caagaaaaag aaataaaagg catccaaatt ggaaaggaag aggtaaaatt	240
atctctgtag ctgatgatgt gatcttattt taaatgctgt gatcctaagg ataccacca	300

<210> 1775  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1775

ctcctgccct ccctgggggtg gttctgtctt ttgcaaagggt ggctgcatcc ttaggggaag	60
gtgaggggag aagcagggag catggagaga agtggtcttc gattttctct ctcccttttg	120
ggagtccctc cttatgtggc tggctgtgtg catagtgtga tgtattcctg tacgcaacgt	180
tgccctgaca gccagtccaa gctgagtcta gagctggcaa ggtgagctcc cagtagtaag	240
agggtgtggg cggcaagcca cccaggcacc gaggcaagag acagaggaca cgagctgttc	300

<210> 1776  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1776

cttgagagaa tagatctaga tgggtggggc acggttcttg ggaatggaag ggccaaagag	60
gaaagtgggc aatggtggg ttgagaacgc agcttctgga ctgagcaggc ctgggttcaa	120
actctgttaa tcactcctgt taatccagc gctttgggaa gccaaggagg gaggatcact	180
tgaggccagg agttcaagac cagcctgggc aacataatga gattccatct ctacaaaaaa	240
taaaaacaat tagccagggtg tgggtgtgca cacctgtagt tccagggtact tggaaggctg	300

<210> 1777  
 <211> 107  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(107)  
 <223> n = A,T,C or G

<400> 1777  
 acttttaaacc ctacctgtgt gattcagtag ggtttgagaa ttacgtgtga tactgggggg 60  
 nntggngnnn ttntngnna gnnngggggn ntnntcntt ntttttg ,107

<210> 1778  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1778  
 catttcttgt ctttattaat ttgacttctc tagggacctc atttaaataa aatcatcacag 60  
 aatttgaact tttgtatctg gataaaaaat atatacagca ttttgctgac tgtaaaatgt 120  
 atttttttgg gccgggtacg gtggctcatg cctgtaatcc cagcactttg gtaggctgag 180  
 gcaggtggat cacctgaggt cgggagtttg agaccagcct gaccaacatg gagaaacccc 240  
 gtctctacta aaaataaaaa attagccagg cgtgggtggca catgcctgta atcccagata 300

<210> 1779  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 1779  
 tttgggnatn tgnnggggttt ttnttttttn ttttncngg tcngttanaa aaaaaaaaaa 60  
 agccatgcta tcaatcaaga ttcttttttt ttaaactttc tcccatgaac taccaccatc 120  
 agtatgaatt gatgcaacaa atgaagaaat atttaaagac agcctctcaa cagattgtat 180  
 ctacaggttaa atgctaacta attatgtctg tgttgggggt tgcaaagaga ttcttaaaag 240  
 tatctgtgtg ttgatcatca gttttacaaa aacacctatt tggctgaaag gaataaaa 298

<210> 1780  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1780  
 gatctactgc cttagcaaat gtcatatata tgattacaag attattaact atagtcacca 60  
 tgctgtacct tggaaaagaa aacctacttt tcttgcttaa gtaaaacttt tacccttttc 120  
 aaggactggg ggaccttgag tatgtgcaga ttttggtaca cgcaggggggt cctagcacca 180  
 atctcctgcg tgtaccaagg gatgaccgtg tgtataggaa atcacatgtt tattacccat 240  
 gtatttggtg ttggatgctt agtctgtttc catatctttc tattgtaaat agtgccgcag 300

<210> 1781  
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1781

gaatggagtt	ccacctgggc	tgttttatta	actatttgcc	cctccgtttc	ttcatctgga	60
aaacagaaat	gataacctta	ctattaattg	tgtgaccttg	gacaagttac	aacatctccc	120
tgggcgcgat	tgteccatct	gaaggtcata	atagcacctg	ccacagagga	tggtagtaag	180
gattaaatta	gttaatccat	gtaaattacc	taggtaagtg	cctgccatat	agcaagtgct	240
tggtactttt	ttttaaaaa	cactgttatg	actattgcag	acacctttgc	catgattgga	300

<210> 1782

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1782

gggggaaaa	gacagaggaa	aaagagaaaa	tgagcagaa	aaaaatagta	gaagaaataa	60
tagctaaaa	atttcagaat	tcagtgcaca	gtagaaat	acagatataa	gatcatatgc	120
tcaagaaaca	ccaataagaa	taaatattta	aaaatcccac	gctggttctt	gcaaactttt	180
gaaaaccaa	gttgaagagc	aaatcttgaa	agcaacaaga	gaaaagccat	acagtaataa	240
tccagttaat	ggctgacttc	tcactggaaa	ccttgccagc	cagaacggca	tggaataaca	300

<210> 1783

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1783

ggtggatgcc	atctttggct	tcagcttcaa	gggcgatgtt	cggaaccgt	tccacagcat	60
cctgagtgtc	ctgaaggac	tcactgtgcc	cattgccagc	atcgacattc	cctcaggtgc	120
tggtatccag	aagggtgggt	gggagagatt	ggggccctac	cctcctgact	cttgcccaca	180
ccaggtctaa	aataatttta	gtctagaggg	gcagaacaca	gctttctgga	cccccatcag	240
ggctggggaa	cagtgttcag	aagtcccctt	tacatgttgg	ccccatgaag	agaccacggc	300

<210> 1784

<211> 299

<212> DNA

<213> Homo sapiens

<400> 1784

gacctcctga	gggctgtgtc	atgcgccatg	atcagtcata	tttggctcag	aataaagctc	60
ttcaaataat	ttagagttca	actcttttca	ctgacaatag	taatgagatt	ttaaaagatt	120
tttttaaaaa	aggaactcaa	tggttaaaa	tcagcttaat	taaaagctaa	catccaagat	180
gtgtgtgtgt	gtgtgtgtat	gtgtgcatgt	gtgtgcatgt	gtgcatgtgt	gtatttataa	240
gaccttcatt	ttttgttttg	ttttttttct	ctcccaggac	cttgtctttt	tttttttag	299

<210> 1785

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1785

aatacctgag	actgggtaat	ttataaagaa	aagaggttta	atgattcaca	gttcagcatg	60
gctgggaagg	tctcaggaaa	cttataatca	tggcagaagg	tgaaggggaa	gcaaggcacc	120
ttcttcacaa	ggtggcagga	aggagaatga	acgcaggagg	aactaccaa	cacttataaa	180
accatcagat	cttgtgagaa	ctcactatca	cgagaacagc	atgggggaaa	tcacccccat	240
gattcagttt	cctctacctg	gtctctcttt	caacatgtgg	ggattatggg	gattataatc	300

<210> 1786  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1786  
tgaagactaa gatgaaaaag gggaagaaga tggaaaagag gataaaaaatg gaaatgagaa 60  
aggagaagat gcaaaaagaga aagaagatgg aaaaaaaggt gaagacggaa aaggaaatgg 120  
agaagatgga aaagagaaaag gagaagatga aaaagaggaa gaagacagaa aagaaacagg 180  
agatggaaaa gagaatgaag atggaaaaga gaagggagat aaataagagg ggaaagatgt 240  
aaaagtcaaa gaagatgaat aagagagaga agatggaaaa gaagatgaag gtggaaatga 300

<210> 1787  
<211> 175  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(175)  
<223> n = A,T,C or G

<400> 1787  
tctacttggtg tgtgtatgtg tgcacatgtg tgtatgtaca ggtgtatgta tatatctata 60  
gatagataca atacattctt tagacacttt tcaagattct ttgctgtggt atattgtgct 120  
caactcaggt gccaaaggag cttttttttt tttttgnaaa ggnattttnn nttnng 175

<210> 1788  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1788  
gataatactt gtggatcttg atgctaagga gcctgctcct tatgcatcaa gaaacacata 60  
accagggtaca gaaactctgc agagtactca tgagtggcag gaggagctgt accacaagaa 120  
ggaagggctc agggaagggg acatgtctta ctcaattggt agcttcacg gatgggatgt 180  
ggcagtgtc atgaaaggat cttggacaag tgtcgcagca gaacagccgt ccccatgtgt 240  
tgcacacctc acatatattt gagttttccg gctagaaggg gagatgtaga catcaccggg 300

<210> 1789  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1789  
tattacttta ttttattnta ttttattatt attttttttt gggacagagt ntnactctgt 60  
caccagggt ggagngcaga ggccgnanct cggctcacta caagctntgc ctctggggt 120  
nacnccattn tcctgcctca acctcccag tagctgggac tacaggcgcc tgccactgtg 180  
cccnntaat tttttgnatt tttannanac acanggttnc accatattag ccagganggt 240  
cncgatntcc tgaccttgat nncngcccgn ctcgacctnc caaagtgtg ggattacagg 300

<210> 1790

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1790  
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 gcagcagcag cagcagcagc agcagcagca atgttttact tcttcagaaa gcctccggaa 120  
 tctaaaaagc cctcagtacc agagacagaa gcagatggat tcgtcctttt agaagcatct 180  
 cagaggctct ccagtgcagt gctgttaaaa gtgctgaccc tgggtcagac cctttgggtt 240  
 ggcttcgtgg ctccacgact tactctctac ccttggcagt ggcgtgatct cggctcactg 300

<210> 1791  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1791  
 cttgaaaatg ctgcaaataa cctctaatg atccctgaag atcaaaacag gggtaaataa 60  
 ctccctgcaa aaccaacccc atgctgctgg ctgtgggatt tttgggtgaa gcctatctat 120  
 gcaactctatc agccagaatt tggcatttag ctcttagtta aatctagtaa aggacagtct 180  
 attgttttaa gagaagggtgc atttgttctt caatcaagca agagcacctg tgttgactg 240  
 ctttataatct catgtatatt tatagtaatg aaaagacttt ttaaattgta cacgtttcag 300

<210> 1792  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1792  
 gcagcagctc ccaggatgaa ctggttgcag tggctgctgc tgctgcgggg gcgctgagag 60  
 gacacgagct ctatgccttt ccggctgctc atcccgtctg gcctcctgtg tgcgctgctg 120  
 cctcagcacc atggtgcgcc aggtcccagc ggctccgcgc cagatcccgc ccactacagg 180  
 gagcgagtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcctttccc 240  
 ttcatgagac tgcgacctct cacctgtgac gggcacgaca cctggggcag tttttctctg 300

<210> 1793  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 1793  
 gtccattaca ccgccagcag caatgtcttc ctcgcccatg gcagtgggtc acgggtgcag 60  
 cagtgcgaatg tcttcctcag ccacggttgt gggatcatgg tgcagcagtg caagaccttc 120  
 ctacgccatg gcagtgggtc acaggtgtag cagtacaatg ccttccttgg ctatggcggt 180  
 gggtcacgga cgcagctgaa tcttgaacac acctgnnct ctgcctccac ctgactccgc 240  
 ggcggcaagg aatgaacaca gttntctttt taaccaaatt tttagatcat gatctt 296

<210> 1794  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1794  
 ggaatgtcag gcctctgagc ccgccaag ccacgcac ccctgtgact tgatgtata 60  
 cgctcagatg gcctgaagta actgaagaat cacaaaagaa gtgaaaaggc cctgccccgc 120  
 cttaactgat gacattccac cattgtgatt tgttcctgcc ccaccttaac tgagtgtatta 180  
 accctgtgaa tttccttctc ctggctcaga agctccccc ctagcacct tgtgaccccc 240  
 gcccctgccc accagagaac aacccccctt gactaatttt ccattacctt cccaaatcct 300

<210> 1795  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1795  
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 taagccnngt tcaaggntgc agtnaantat nanggggccc ctgcattcca gcctgggtna 120  
 cagaatnaaa tcctggcnca aaaaaaaaaa gtagccaggc atgggtggcg gagcctgttg 180  
 tcccagctgt tccgtaggct gaggcacgag attcacttga acctgggagg tggaggttgc 240  
 tgtgagctga caccacgcca ctgcactcca gcctgggtga cagtgagac 289

<210> 1796  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1796  
 ctgaattgta tccttgaaaa atgctatggt ggaatcttaa tccccaggac ctcagaatgt 60  
 gaccttactt attaaaaaca gggctcttac agagggtgtg cagttacagt aaggtcatta 120  
 ggggtgggccc taatccagca tgactgatgt ccttaaaagg gggactttgg agagaaaaac 180  
 atgctcaagg aagaggatgt gaaggctacg tgaagagact ggagtgatgt gtctgctagc 240  
 taaagaacac caaaaatcgt cagccaccac ctgaagctgg aagaggaaag gaaagatctt 300

<210> 1797  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1797  
 cacagatcca ggaaaaatca aacgtattag aggaatggcg tactctgtac gtgtgtcacc 60  
 tcagatggcg aaccggattg tggattctgc aaggagcatc ctcaacaagt tcatacctga 120  
 tatctatatt tacacagatc acatgaaagg agtcaactct gggaagtctc cgggctttgg 180  
 gttgtcactg gttgctgaga ccaccagtgg caccttctc agtgctgaac tggcctccaa 240  
 cccccagggc cagggagcag cagtacttcc agaggacctt ggcaggaact gtgcccggct 300

<210> 1798  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1798  
 gtgacaccct tgccctaaag caggagtccc ccctacctgg ggtccatgga ctccctgaaa 60  
 ttgtatgcaa aatgttgttt gtacatgtgt gtctgtatgt ctctgtgggg aggttttatg 120  
 gcttttgtca gattttcaag gccttaacaa agttaaagga ccactgcctt gaggttactg 180

cactgaggcc	aagttaggat	ggcactc	tgtggcagct	ctccctggac	ttctgcc	240
tggaacaggg	tgatttgctg	gaaggagtt	accactgaga	tgccaaaggt	tgggggtct	300

<210> 1799  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1799						
ccgaaagtga	cttagagagt	gactcccagg	acgaaagtga	ggaggaggag	gagggagacg	60
tagaaaagga	aaagaaggcg	caggaagcag	aagcgcagag	cgaggacgac	gacgaggata	120
cagaagagga	acagggggaa	gaaaaggaaa	agggagcgca	ggagaaaagg	agggggaaga	180
gagtccgttt	tgcaagaagat	gaagaaaaga	gtgaaaattc	ctcggaggac	ggtgacataa	240
cggataagag	tctttgtgga	agtggtgaaa	agtacatccc	acctcatgtg	aggcaagctg	300

<210> 1800  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1800						
atctgttctt	gcatgtaatc	tactttttcc	atgagagccc	ttaacatatt	aatcatagtt	60
attctcagtt	ccaaaatctg	tgacacctag	ctgagtcctg	tctgatgctt	gctttgtttt	120
ttctcttgcc	ttaaaacata	gtatgccatg	tgatttttgt	gtagaaatag	gtgcattatt	180
tatcaggtaa	gaggaactga	gataagtaag	cagagggttt	gtgttaatct	ggctaggagt	240
tggactgcgt	ttaaatttgt	tgctataggt	gttggagggt	ataggtgttg	ctataggtgt	300

<210> 1801  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(284)  
 <223> n = A,T,C or G

<400> 1801						
gttttgcccc	tttttagcct	cccagagctt	cgaggactca	attcgaaccc	gaaatcctgc	60
cgtgggggag	gggtggcagg	gagacctgtg	cccggggagg	ttgntangcn	nnaatctngg	120
acttnntncn	gnccntncat	gtanacagtg	aaatgactgn	anacntgggt	acccgnngat	180
accggnctnc	cnaggncatn	atgaatngna	tgcnctacnn	gcanacggng	gacatnnggt	240
ctgtgggntg	tatnatggcg	nanatganca	caggnaanac	gctg		284

<210> 1802  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1802						
aatacacaat	ttacatgtca	gaggatggta	gaggaattgt	cacttatgct	tcaatctgac	60
ttagtgaagc	agtggggccg	agaaagcaat	catatacgca	tttgtctcac	atgagcagag	120
gaacagaggg	atgactttta	gttctgtctg	ttttttgtcc	acaaggaatt	ttcttgtggg	180
caaattgtga	ggtctttgtg	gctatcttat	tttaggaata	aaatgggagg	caggtttgct	240
tgatgtagtt	cccagcttga	cctccctttt	ccttagtgat	ttttggttcc	caagatttat	300

<210> 1803



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1803  
 ctgacaagtc tgaaatacat attggagcct ggtagactga aaactcaagc aagagttgat 60  
 gttaaagtct tcagtctgaa atttgtaggg caggagatta ggctggaaac tcaggcagaa 120  
 tttctgtgtt acaatcttga ggcataattc ttctccaaaa aaatctccat ttttttctct 180  
 taaagccttg gatgagcctt ggatgattgg atgaggacta cccacattat ctagggtaat 240  
 ctcctttgct taaagtaaac tcaactgtgtt aatcacatca acaaaaatacc ttcacagcta 300

<210> 1804  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1804  
 gcaaagttcc attttgttga tctcgcagga tctgaaagac tgaagcgtac tggagctacg 60  
 ggcgagaggg caaaagaagg catttctatc aactgtggac ttttggcact tggcaatgta 120  
 ataagtgcct tgggagacaa gagcaagagg gccacacatg tcccctatag agattccaag 180  
 ctaacaagac tactacagga ttccctcggg ggtaatagcc aaacaatcat gatagcatgt 240  
 gtcagccctt cagacagaga ctttatggaa acgttaaaca ccctgaaata cgccaatcga 300

<210> 1805  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1805  
 gcaaagttcc attttgttga tctcgcagga tctgaaagac tgaagcgtac tggagctaca 60  
 ggcgagaggg caaaagaagg catttctatc aactgtggac ttttggcact tggcaatgta 120  
 ataagtgcct tgggagacaa gagcaagagg gccacacatg tcccctatag agattccaag 180  
 ctaacaagac tactacagga ttccctcggg ggtaatagcc aaacaatcat gatagcatgt 240  
 gtcagccctt cagacagaga ctttatggaa acgttaaaca ccctgaaata cgccaatcga 300

<210> 1806  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1806  
 agatgttctt atccccaaga gctgtataat tccagacaga ggaggcaggc agacacctct 60  
 atagaggact tagaaacgac tgttgtgaga cacattcagt gctcaggatg gcaagtgtag 120  
 tataccgtta gaaagaacat tcctttgggg tgtggcctag gaagttttcc agatttttca 180  
 ctagcgtaca tctaaggaaa accgtaaaca cagagctgcc ctttattcct cccacaggaa 240  
 gaaatgtaca tcttcatgga gtactgcat gaggggactt tagaagaggt gtcaaggctg 300

<210> 1807  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1807  
 caaggatggc tcaacatata caaatcaata aatgtggtac atcacattca cagaatcaaa 60  
 aagaaaaacc acatgattat ttgaatagat gctgaaaaag catttgataa aattcaacat 120  
 ccgtttatga taaaaaccct catcaaagtg ggtatagaag gaacatacct ctagataata 180  
 aaggccatat atgacagact tacagctaac attgtactga gtggggaaaa attaaaggta 240

ttgtagggag accccatgaa a t gcta tggaataaaa gatgaaatgc t attat 300

<210> 1808

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1808

tttttttttc	gtaaagacag	cgtcttgata	ggttgccccag	gctgctctgg	gactcttggc	60
ctcaagcaat	cttcctacct	ccacctcccc	agttgttgcg	ccatgggtgcc	tagccaagat	120
gagactctca	ttcaaacagt	caaaaacccg	acttaaagta	gctcagacac	acatagaatg	180
gattggctgc	tggttggtgac	tctccgaggg	tggtcccatc	tgagggcact	gttggaacca	240
gtacccaagg	atgatgtccc	agcatctgtc	tctccgggat	ctcacctttg	tacctgccc	300

<210> 1809

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1809

ctgagactca	gtttttcttg	gttcagggtc	gtatttgaac	agctctgttg	tgaggaaggg	60
cttacaaaat	tgcaatataa	ttgctttgtt	ttgtttttcc	ttttgtgga	gaacggggtc	120
tcgccgtatt	gccaggagt	tcgagaccag	cgtggacaac	ataggtagac	cccgtctcaa	180
caaaattttt	tttaaaaagt	agccaggcat	gatgggtgcac	ctctgtagtc	ctagctgctt	240
gaaaggctga	gtctggagga	tcacttggac	ggaccacga	gtttgaagct	acagtgaagt	300

<210> 1810

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1810

actcaaagac	acgtacatgt	tgtccagcac	cgtctctctc	aaaatcttgc	gggccattgc	60
cttaaaggaa	ggttttcatt	ttgaggaaac	attaactggc	tttaagtgga	tgaggaaacag	120
agccaaacag	ctaatagacc	aggggaaaac	tgttttatct	gcatttgaag	aagctattgg	180
atacatgtgc	tgcccttttg	ttctggacaa	agatggagtc	agtgccgctg	tcataagtgc	240
agagttggct	agcttcttag	caaccaagaa	tttgtctttg	tctcagcaac	taaaggccat	300

<210> 1811

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1811

gaacagaact	aataggatag	atgtatatat	atgaaaggga	gttcattaag	gagaattgac	60
tcacacgata	acgaggtgaa	gtcccacgat	aggccatctg	caagctgagg	agcaaggaag	120
ccagtagtgg	ctcagtttga	gtcccacaa	ctcaaaagta	gggaagcaga	cagtacaacc	180
ttcaatctgt	ggctgaaggc	ctgagagccc	ttggtaaacc	actggtgtaa	gtccaagagt	240
ccaaaagctg	aagaatccgg	agtctgatgt	tcaggggcag	gaagcatcca	gcacaggaga	300

<210> 1812

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1812

gggatcctct	taatacctct	ggtatctgat	attcacacat	cattttatct	aatgattcta	60
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gaggcttgga	aggctgctaa	aattgt	tttcgccttt	gagaataatt	a	cctgg	120
aatccccagt	ttagcctgag	accacctaac	ttccccctac	tcaggattca	agccagttct		180
gtccaaggac	aaacccttgt	gtcgaggcct	ctagaactat	agtgagtcgt	attacgtaga		240
tccagacatg	ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgcagtgaaa		300

<210> 1813

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1813

cgcgcagggtt	ttgttccttg	aatggcattg	gtaagaagag	gattggattt	agaagaaata	60
aaagcagttg	ttcacacctg	tgctgtgtgc	tgaggccctg	ccctccccc	gatgtcattc	120
ctcagaacag	cctaagttgg	aggaattact	aaactcatca	tgacatgagg	agctttcaga	180
aaaccaacgc	caagatccct	cccagcgctc	acatcgctct	ctggcaggag	ctcctgcccc	240
tctgcctccc	accctgcccc	ctacaccccc	tgcagaccca	tctccctcca	ccccctccca	300

<210> 1814

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1814

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caatgtgaag	ccaaggaagc	tgcgaaagga	ttgaagtcta	agaattgaaa	ccctccanac	120
cangtnatnt	nattgtaagc	ncaatntgag	ttgtgcccc	atgctcgta	ncagctgctg	180
naacatannc	ntggcctact	atanatnttg	attcatgttt	gacttntttc	ntcttatnnt	240
tcnttttnagt	atgttnnnn	catattntat	annattannt	tntnnagcta	tatatgatcc	300

<210> 1815

<211> 181

<212> DNA

<213> Homo sapiens

<400> 1815

aggcagtgac	tgccttcggc	tttttttctg	ctgactaaga	tctcctatag	agagctacaa	60
caatgccc	aaagaaaggc	gcagggtcaag	gtgatatgag	gcaggagcca	aagagaagat	120
ctgccagggt	gtctgctatg	cttgtgccag	ttacaccaga	agtgaagcct	aaaagaacat	180
c						181

<210> 1816

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1816

gctcttttca	agttcaagat	aaagagaaat	ttttcctcaa	tcttgctaaa	tgacagctac	60
tgccattcaa	tggagatgtg	gctaacatgt	ccctgcatt	acctctactg	tatatgtaat	120
cacttcttat	taacgtatta	atctcctcca	ataaaaactg	cagcctctta	aggtcttgga	180
ctgctctatt	tcatgattgg	ttagtagagc	atttctttcc	tataatccac	actggcccct	240
ctctgtgaag	aatgccctgt	atgcaataat	ctgactgata	tcacagcttt	acattattct	300

<210> 1817  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1817  
 gttccctgct ctgatcatc acattctgtg attacacagg ctgtcatttc cacagagagc 60  
 catgaaacag tgaggagcca ttaggacatt cccatgggtg tagctcacag ttacaaagca 120  
 caactacacc ctggttctcc aggcctcctc tttcctggca ccgcagacca gatggggtcc 180  
 tggagaggct ctgctgccc ttctggagct tcccatcact cctttctgca gatgttcac 240  
 ttaacagccc ctctgtgcca ctcagcccag taccggctg cccggctgac tggagatggc 300

<210> 1818  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1818  
 ggggccccca cgcaaactca aattccctga gcctcaagag gtggaggaag agttgaagaa 60  
 gtacctgtcg tagggagatt tgggtagaag ccctcatgct gagctttgtg tccctgggtga 120  
 tggttgaaca ttaatgatgg aacatggcca aacttcagtc atgatcctga aaccatggct 180  
 tcaggatcat gactgaagtc atggtttctt ccctgccaga aatgaagggt cagttatgag 240  
 gcaaccctct agtaaggcat tgtaaaagtt actggatttg gtttaataaa agttgaaata 300

<210> 1819  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1819  
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 caaacaaggg ttcttagatc tcacacaaga aataattcag ggagcgtcta taaagtgaag 120  
 gtaagtttac taagaaagta gaagaataaa aaatggctac tccacaggca gagcagctcc 180  
 ttggggctgc tgggtgcccc tttttatggt tatttcttga ttatgtgctg aagaaggggt 240  
 ggggtattca tacctccct ttttagatca ttatagggtg acttccctggc attgccatgg 300

<210> 1820  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1820  
 attatggtgg aaggggaagc aaatgcctta cttcacatgg tggcaggaag gagaagaatg 60  
 agaaceaaat gagggagaag ccccttataa aaccatcaga tcttgtgaga acttactatc 120  
 atgagaatag catgggggaa actgcctgt gattcaatta cttccacta ggtcactccc 180  
 accatacatg gagattatag gaactacaat ttaggatgag atttgggtgg gaacacagcc 240  
 aaaccatata aagtattaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 1821  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1821  
 ctctcctgca tgggctttgc ctacaggggt atgatgatgt atcttttcat tcatacccca 60  
 ggtggtatga ctctccactt atgcctgggc cttgatgaaa cagaaattgt gacatatccc 120  
 tggacttggc acttaggtga tgtaactcac ctttattgcc agggcatggt atattatgag 180

tattgtgaca aatctcttgg c	acact aggggatgag agactcctgc c	ccctg	240
cccacaggat gctttgtggc ctg	cttctg gttttattac ctagaaagat g	cttctc	300

<210> 1822  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1822		
gtggcacaca cctgtggtcc tagctactca ggaggctaag gagggaggat cacttgagcc		60
caggaggtct aggctgcagt ttttattgtc tttaaattct cttcagataa tttacccccg		120
cattgcctac acagcacact gcagagtgtc gggcaacttg gtaattaacc ctctaattgt		180
gtaaactgga agcttcgtga ggttatggct tcattaccat ggctacgtgg ctgtagccat		240
gagtgtgcac tccagtgtgg gtgatggagt gagactctgt ctcaaaaagg aaggaggagg		300

<210> 1823  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1823		
gtcggacgag cacgcgcgtg agatgtgcct gcggtttgca gacatggagt gcaagctcgg		60
ggagattgac cgccccggg ccatctacag cttctgctcc cagatctgtg acccccgagg		120
gaccggcgcg ttctggcaga cgtggaagga ctttgaggtc cggcatggca atgaggacac		180
catcaaggaa atgctgcgta tccggcgag cgtgcaggcc acgtacaaca cgcagggtcaa		240
cttcatggcc tcgcagatgc tcaaggtctc gggcagtgcc acgggcaccg tgtctgacct		300

<210> 1824  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1824		
gcagtgactg ccttcggctt tttttctgct gactaagatc tcctatagag agctacaaca		60
atgccccaaa gaaaggctgc aggtcaaggt gatatgaggc aggagccaaa gagaagatct		120
gccaggttgt ctgctatgct tgtgccagtt acaccagaag tgaagcctaa aagaacatca		180
agttcaagga aatgaagac aaaaagtgat atgatggaag aaaacataga tacaagtgcc		240
caagcagttg ctgaaaccaa gcaagaagca gttgttgaag aagactacaa tgaaaatgct		300

<210> 1825  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1825		
gcttcgtgtg ctactgcgaa ggggaggaaa gcggggaggg ggaccgcggc ggcttcaacc		60
tctacgtgac cgacgccgag gagctttgga gcacctgctt cacgccggac agcctggcgg		120
ccctcgtggg taactgggag ggtctgggag ccgccacacc cctccttgca gtgcagatcg		180
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgccct		240
gtagctgtag tcctccatt ggctagggct cttggggctg ggcaggttcc ggggtgcccc		300

<210> 1826  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1826

cacacacctg	tggtcccagc	tggggag	gctgaggtgg	gaaaatgctt	gctggca	60
tgtctagcct	tcagtgagcc	atgactgtgc	tactgcactc	cagcctgggc	aaagagcaa	120
gactctgtct	gaaaagaaaa	gaaaagaaaa	gagaaaagga	aaaagggcat	ttaagacatc	180
tcacctactg	aacatcctag	cttcgcctag	cctaccctaa	atatgctcag	aacagttaca	240
ctgcctacag	tctgagaata	tttacattaa	atatgctcgg	aacacttaca	ttggcctaca	300

<210> 1827

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1827

cacacttgga	gctcatataa	actttttccc	aggctattgt	ctgttcttca	agccattca	60
cctccccata	aaatcatgta	ttcttctcca	aaaattgtct	attatcttcc	acttcccttt	120
cccccatgaa	aagtgttgag	gcttattctg	agccaatatg	agtgaccatg	gcctgagaac	180
ccaatatgag	tgaccatggc	ctgagaacca	tctcaagagc	tccttcaaca	gttgtgactg	240
agcttgctcag	gttgcagttt	ggttttatat	attctaggga	gacaggaatt	ataggtaaaa	300

<210> 1828

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1828

ggggtatccc	ttgagaccac	cttgggacca	gtgcttgcaa	gcagcgagat	atttccccag	60
caaaaccagg	cagctgctaa	ttaaatgctt	agaaccaatg	aaagctggct	gtggctctgc	120
ctgtgagctg	cctactgctg	ccttctgaat	gcatatatct	gctactgtag	ccccgggttg	180
tcaaaactatg	gcctgtgggc	caaatccagc	cacagtcggt	tctttaaagt	tttatcgaaa	240
cacaagcaat	ggaaatgccc	atttccattg	ttgtctccag	ttgctctgct	ccgagggcag	300

<210> 1829

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1829

gccgatacaa	cctcgtgcgg	ggccagggtc	cagagaggct	ggtgtctggc	tccgacgact	60
tcaccttatt	cctgtgggtc	ccagcagagg	acaaaaagcc	tctcactcgg	atgacaggac	120
accaagctct	catcaaccag	gtgctcttct	ctcctgactc	ccgcatcgtg	gctagtgcct	180
cctttgacaa	gtccatcaag	ctgtgggatg	gcaggacggg	caagtacctg	gcttccctac	240
gcggccacgt	ggctgccgtg	taccagattg	cgtggtcagc	tgacagtcgg	ctcctgggtca	300

<210> 1830

<211> 158

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 1830

gatctatctc	ttctccctgc	ccattaagga	atcagagatc	attgatttct	tcctgggggc	60
ctctctcaag	gatgaggttt	tgaagattat	gccagtgcag	aanctnacc	tattctntta	120
gntcnctagn	cnnagantct	ttctttangg	attctnta			158

<210> 1831  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1831  
 atagagagga acaaagataa gaatgacagc agatgtgtgg tcagaaatta ttcaaggcag 60  
 aagacagtag aactgaaaaa gaaagtaggt caatctagaa ttctataccc aacacaaata 120  
 tccttcaaaa atgaagggtga aataaacact ttttgatgga caaactgaag ttgagagaat 180  
 tcgtaaccag cagacctgta gtacaaaaaa tgttgaggca agtttttttag gcagaagaaa 240  
 aatgatacta gatagaaatt tgggctgcac aaaggagtga agaggcttcc aaatggtaaa 300

<210> 1832  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 1832  
 cccagctctt tgggaagctg aggtgggagg atcactagat cccagggggt ggagacttgc 60  
 ctgggcaaca tagtgcaacc tcgtctctaa aaatatatat tttatagatt agcccggcat 120  
 ggggtggtgca cgtctatagt cccagctact ccagaggctg aggtgggaag atcccttaag 180  
 cctaggaggc gaggtatcga taatctatna nagctccgtt acactccaac ntgggcttnn 240  
 gaggaangat cacgtaggnt ctaananatg anggaggcca ttt 283

<210> 1833  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1833  
 cctgccccta ggtgggggct gccttcagct ccctgctgctg tgtgataact tgggtgtggc 60  
 cctcacagct gtgcagaagc tattcccaga gggttctggc cccaggtaaa cagattctgc 120  
 tctgggctcg ccttgccctcc atcccacagc cctgtgtgct gtctgtggca cagcctagag 180  
 cagcaactgcc tcgtggccct ggcccttatg cggctggagc tgatcctgaa gtccagtgtc 240  
 ccagcgggtca tggctggcat catcaccatc tacaacctgg tgatggaagt ctttatcccc 300

<210> 1834  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1834  
 cccaaaccta atttaggagt aaattttttg tagcagatag ccagatttca gccaatcaca 60  
 ggcttccagc taacaagact atgcccaaat aaggcaaatg cctcatcaca tgatgctcaa 120  
 ataaggcagc cacctaggcg aggccaatca ggtaactttt ctactttgct taattgttca 180  
 gcctgtacaa atttgctgct tatgactgct gagcagagct gtctaaacct cttctggttt 240  
 ggagtgtgct cttatatatg aattgttctt tggtcacata aaattgggta aatttaactt 300

<210> 1835  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1835  
 tggctggagg tgagatatgc tggagcaat actgctctgt tactccttgc tactctgaga 60  
 tgtttgggta aagagaaaca taaatctagc ctacgtgcac atctgggcac agtacctttc 120  
 cttgaactta ttcgtgatac agattccttt gtcacatgt ttccctgctg accttcttcc 180  
 cacctgttgc cctgctacac tccccctgct aagacagtaa aaataatgat caataaatac 240  
 tgagggaact cagaggccag cgccggtgcg ggtcctccac atgctgagcg ccggtccggg 300

<210> 1836  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1836  
 ggccagtagg tgctaagggtg acaccacccc ttccctccctc tccagaccca tcccaccacc 60  
 gtgatttgcc catccccagc agcctcatca ctgaccacct gtttttactt gcaggaccca 120  
 ttccaacaat ctcgtaaaac atgggtggatt actatgaagt tctaggcggtg cagagacatg 180  
 cctcacccga ggatattaaa aaggcgtaag tagttttatt tctgtggtaa tgcattttca 240  
 cagtggtaga ttggtaattg agtagtataa cttcttctat tgcctatgaa aatggctttt 300

<210> 1837  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1837  
 gagactccag gctgagctgg ctgaccgacc caatccccct acccgccctc tgcccgtgta 60  
 cccggtgggtg agaagcccga aggtaacggt ggggggagag aagggcacgg cctctcccc 120  
 cacctagggc tgtggtgctg gtagccatga cgggtggtggc cgtggcgaga tgccccctca 180  
 gtgcatgagg gcacatatcc cgggtggtgcc tttaatggtg acagtctcag gggccagcca 240  
 agccccacc cccaaggaag ccactgtctg ccgaccccca gggccggtgc ccatcgggtg 300

<210> 1838  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1838  
 aaggcttaga tcattgactt cagatttttt gtcttttcta acaagtgttc aagactataa 60  
 tataaatttc cctctaagca ttgttttagcc acatttcaca aatttggaat tgtttattca 120  
 ttttcatctt cattcagttg aaaatatttt ctaatttccc ttttaatttc ttcttttact 180  
 cacttattat ttggaaatgt gttatttcat ttccaaatat ttggggattt tcaaatatct 240  
 cctgttaaca atttctaaat tagttgtagt cagagaacat attctgtgat ttcaatgctg 300

<210> 1839  
 <211> 233  
 <212> DNA  
 <213> Homo sapiens

<400> 1839  
 ggaacgtcag gcacagggat gatgaaaggg gaacaataag tgtaattac ctacaggttg 60  
 tggtggctcc aggttttttg cattgtgcct agactgaata aaagcaagca gctccagctt 120  
 cttggggctg ctttctggcc actagagcca ggcagtcacc tagttgctgt tacactgaaa 180  
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaa 233

<210> 1840  
 <211> 212  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(212)

<223> n = A,T,C or G

<400> 1840

ggaacgtcag gcacagggat gatgaaaggg gaacaataag tggttaattac ctacaggttg	60
tggtggctcc aggttttttg cattgtgcct agactgaata aaagcaagca gctccagctt	120
cttggggctg ctttctggcc actagagcca ggcagtcacc tagttgctgt tacactgaaa	180
aaaaaaaaaa aaaaaanaaa anaanaaaaa aa	212

<210> 1841

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1841

ggaacgtcag gcacagggat gatgaaaggg gaacaataag tggttaattac ctacaggttg	60
tggtggctcc aggttttttg cattgtgcct agactgaata aaagcaagca gctccagctt	120
cttggggctg ctttctggcc actagagcca ggcagtcacc tagttgctgt tacactgaaa	180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa	240
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa	300

<210> 1842

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1842

cccaagcaag gttccttgga agaagatgtc tgcagaggag ctggagaatc agtactgtcc	60
cagccgatgg gttgtccgac tgggagcaga ggaagccttg aggacctact cacagatagg	120
aattgaagat tatcttgaaa acaatcttcc agtagttctg acgatacttg gagcctggtc	180
cacgtgcac ccaccttggg aagcctctcc aaagagcttt cggagctgac actgacagct	240
tcagtttccc ccagcaccca ggagagcctt gctgtgtctg tctgcccggc aagagtccat	300

<210> 1843

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1843

gctctcggag gctgtcttct gtcgccaagg gtcccggacc gagtacacag tggcagctgg	60
cttagtttgt ggacggcctg gggtagggga ggggtggcagg tataagactt ctgggggcac	120
cccaagaccc cagacaccca agtggcatct tgggggtggg tgggcagagg acggggtaat	180
gtgaggacga agcgggcacg gagccagatg gccagtctcc aggcctggtc cacggactgg	240
cagggacccc aggcacaaga gctgccaccc ctctgcccgg tttggaaaaa aacaataaag	300

<210> 1844

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1844

gagaaacaca gtcaagtggc gcagtactat gaagtattcc ttcgacagtc tccattggag	60
ccctgccttg tatttcatga aggtggatac tggcgtgagc tcacagtccg caccaatagc	120

caagggcaca caatggctat c	ctttc catccccaga aattaagtca g	agctc	180
catgttcaga aggagattgt aa	ggaattt ttcatacagag gtcctggagc ag	cctgtggc	240
ttgacctcac tttacttcca gg	aaagtacc atgacctggt gcagccatca gc	agtcctccc	300

<210> 1845

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1845

ggaacatcca gtgcctgcag gacgtggagc gctgcctccg ggacacgggt gtgcagggcg	60
tcatgagcgc agagggcaac ctgcacaacc ccgccctggt cgagggccgg agccctgccg	120
tgtgggagct ggccgaggag tatctggaca tcgtgcggga gcacccctgc cccctgtcct	180
acgtccgggc ccacctcttc aagctgtggc accacacgct gcaggtgcac caggagctgc	240
gagaggagct ggccaagggt aagaccctgg agggcatcgc tgctgtgagc caggagctga	300

<210> 1846

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1846

aaaattaaaa acacacaggc ccaacaaact caacaaacgc taagcacaag aaacatgtag	60
gaaactatac caaggagtat tataatcaaa ttactcaaaa ccagtataa ggtgaaaacc	120
ttaaaagcag ccagaggaaa aaggacatgc aagaagaata aagacaaagg taatggcaga	180
ctttttgcct gaaagaatgc aagtgagaag acaatatatt aacatcttta aactaatgaa	240
agaagancna ctgtcaacct agaantctgt atgaacgtng nccaaaggnn ttcaannnc	300

<210> 1847

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1847

agacttttga ggaaattctt tcttgacaaa gacagagatc aaaccaaaaa acaaacaaaa	60
aaacacacac agaaaaatgt gagtagggaa gaaataggaa aaaggtaaga agcagaaatt	120
tttttttttt tnaancggag tttcgnnttt gtngcccagg ntgnagngca nnggcncagt	180
ctnggtnnac canancntcc accaccagg ttnaagcant tntcnngcnt nagcctcctg	240
agtantggn attntngcn cccaccacca cncnggtta anttngnntt tttagtaaa	299

<210> 1848

<211> 165

<212> DNA

<213> Homo sapiens

<400> 1848

gggcggcttt ggcctcacgc ttcggggaga ctgcctgtc ctcatcgtg ccgtcattcc	60
---	----

agggagccag gccgcggcgg cctgaa ggagggcgac tacattgtgt c aatgg 120  
gcagccatgc aggtggtgga gacacgcgga ggtggtgacg gagct 165

<210> 1849  
<211> 273  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(273)  
<223> n = A,T,C or G

<400> 1849  
cagcaatggt ttgtggcttt tattgtacaa gcttttcacc tccttggtta agttagttct 60  
taagtgtctt attctttttac gtgctattat aaatggaatt attttcataa tttccttttc 120  
atggtgttaa ncattatncg nactcacntg cnactnaata antgcacntt gacnnttcca 180  
gmnacatgaa acnattmann ntnnnantcn tacannaagn acnancatcn attngcntnt 240  
tnctnatnng annntnntgn atntanaann ccg 273

<210> 1850  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1850  
gccatcctgt ttacagcgag gcaagatgaa tcattatgtc tgtgcatttt gttttactta 60  
tctgtgtata tagtgtacat aaaggacaga cgagtcctaa ttgacaacat ctagtctttc 120  
tggatgttaa agagggttgc agtgtatgac aaaagtagag ttagtaaact aatataatctt 180  
gtacatcttg ttttacaagt cctaggaaag attgtcttct gaaaatttga tgtcttctgg 240  
gttgatggag atggggaagg gttctaggcc agaattgtca catttggaag actctttcaa 300

<210> 1851  
<211> 206  
<212> DNA  
<213> Homo sapiens

<400> 1851  
ctgaaacagg gtcgggatgc cgatgccggc ttggagttag agatgagtca ccgctgagag 60  
cagctgcagt agctgagcag tggcagcaga gaggcagacg tgagctgagg gcgcagagggc 120  
aggcagcatc tctgaggggc cccaaggagc atggctggga gccgtgaggt ggtggccatg 180  
gactgcgaga tgggtggggct ggggcc 206

<210> 1852  
<211> 295  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(295)  
<223> n = A,T,C or G

<400> 1852  
ttttatcttg tcacccaggc tgaaatacag tggcaaaatt atacctcaat gcagcctcaa 60  
ccccctggg ctcaagggat cctccaaatt cagcctcctg agtagctggg agtataggct 120  
tgcaccacca tgcccagcta attttttttt tttnganctt tngnatcttc agtagngaca 180

nagtttcccc atgtngctna g gngta aaactccngg gctnaagcaa t ccacc	240
tgggccttcc aaagggctgg naccacaagg ggnanccant gtacccagca aaca	295

<210> 1853  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1853	
aattacaggc ttgagccact gcaccaggcc ctaagagctc taaactttct tatcacacag	60
tgaattaaaa tattttggat cttactatc ccatattaag cgatcctttc ctcaaataaa	120
agaaaatact taattagaac atatatgttt aaactgatac agtaagttgt ttgtaagcct	180
ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca ttgatgagtt	240
tggacaaaacc acaactagaa tgcaggtgaa gaaaatgctt tatttgtgaa atttgtgatg	300

<210> 1854  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1854	
gtggtacctt ggcttttaggt tttcattcgc acggaacacc ttttggcatg cttacttcc	60
tggtaacacc ttcacctgca ttggttttct ttttcttttt tctttctttt tttttttttn	120
ngtggnnggtt ggttttaaaa ccccnnnanc nnnaaaacn ttttttnaaa nccntngaaa	180
nnnancnng gcnttttttc ccccnnttnn nccaangng gnnttaaang nangnnnggc	240
ngggggaann tttngcaacc anggggnntg ggggnctaen cggtaaaa	289

<210> 1855  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1855	
ggttaatttt tgtttgaaat catgccaga ttcgacgtca agcaattaaa gaactgcctc	60
aatttgccac tggagaaaat cttcctcgag tggcagatat actaacgcaa cttttgcaga	120
caggttaagg attttattat tacctttttc tctaaatata tatcttcttt ctgaaatgtt	180
gactctgttt ttaggtttta aatggggtgc aggagagctg gaggtcctac ctctgataga	240
gattaaattt cctactttca ttcagtagtt aaagtgtaat gatttctggt tatctaattc	300

<210> 1856  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1856	
aatgcctcta tgtaggtgaa gtgttctctc tgcattgcaac agtaaaaatt aatataatat	60
tttcccaca aaagaaacac ttaacagagg caagtgcaat ttataaattt atatctaaag	120
gggaatcatg attataagtc cttcagccct tggactctaa attgagggga ttaaaaaggaa	180
tttaaaataa ttttgaacga atttattttc ccctcagttt ttgagggcat taaaaaggca	240
ttaaatcaag acaaatcatg tgcttgagaa aaataaaatt aatgaaaaca cagcacttat	300

<210> 1857

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1857  
 tattggtttg tagaaatgct actgattttt gtacgttaat ttttgtatcc tgaaacttta 60  
 ctaacgtcat ttatcaggtc ttttggaggg attgttaggg tttttttagg tttagaatca 120  
 tattgtgagt gaacagagat aatttgactt cctctttttc tatttagatg ccttttggtt 180  
 ctttttcttg cccgattgct ctgggtagga cttcagtact atgttgaata gaggtgggtga 240  
 gagtgggcat ccttgtcttg ttcttagggg ggatgctttc acctttgccc attcagtatg 300

<210> 1858  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1858  
 ggcagaagag cagacatggc agatgctttt ctatcttggt gttgatgctt tacgcaagag 60  
 ttttgagatg accgtggaaa aagtacaggg tattagcaga ttggaacaac tttgtgagga 120  
 attttcagaa gaggaacgag taagagaact caagcaagaa aagaaacgcc aaaaacggaa 180  
 gaatagacga aaaaataagt gtgtgtgtga ttttcctact cccttacaaa cagcagatga 240  
 aaaggaagta agccaagaga aggaaacaga cttcatagaa aatagcagct gcaaagcctg 300

<210> 1859  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1859  
 gcataacgaa cctaaccctc agaggtttac caagattcaa aacacgaagc tgaccatgaa 60  
 gcgggacggc attgggtcag tgcggtacca ggtcttgagg gtgtctcggc aaccactctt 120  
 caccaatatc acagtggaca ttgggaggac tccgtcgtgg cccctcggg gctgacacta 180  
 atggacagag gctctcgggt ccgaaaattg cctgccagag gactgaccac agcctggctg 240  
 gcagctgctc tgtggaggac ctccaggact gagactgggc tctgttttcc aagggtcttc 300

<210> 1860  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1860  
 cctgtttcca ttcaacaaga gcactacatt catttagcta aacggattcc aaagagtaga 60  
 attgcattga ccacgactaa tttcaaaatg ctttttatta ttattatttt ttagacagtc 120  
 tcaactttgt gcccaggccg gagtgcagtg gtgcgatctc agatcagtgt accatttgcc 180  
 tcccgggctc aagcgattct cctgcctcag cctcccaagt agctgggatt acaggcacct 240  
 gccaccatgc ccggctaatt tttgtaattt tagtagagac agggtttcac catgttgccc 300

<210> 1861  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1861  
 gggaccactg gcctgcctga cctcacccca ctaatatattt ttattttttg cagagacagg 60  
 atatggggaa aagaaatcag attgttactg tgtctatgta gaaaaggaag ccataagaaa 120  
 ctccattttg atctgtatta agaaaaattg ttctgctttg agatgctgtt aatctgtaac 180  
 tttagcccca accctgtgct cacagaaacg tactgtattg aatcaagggt taatggattt 240

agggctgtgc agcatgtgcc t aacaa tatgtttgca ggcagtatgc t taaaag 300

<210> 1862

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1862

gctgggtgtg	gtggcacacg	cttataatcc	cagctactcg	ggaggctaag	gcaggagaat	60
tgtttgaatc	tgggaggcag	aggttgcagt	gggccgagat	cgcaccattg	cgctccggcc	120
tgcgcaacaa	gagcgaaact	ctgtctccaa	aaaagagatg	atctcactgt	gtcaccacag	180
ctgacgtgta	gaggcatgat	catagctcac	tgtatcctca	aactcctcct	gggttcaagt	240
gattgtcctg	ccttgacctg	ctgagtagcc	accacatgc	ctggctcaaa	atggatttga	300

<210> 1863

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1863

agaagcctta	cgtgtgtgct	gagtgtggga	aggccttttag	caacagggtcc	aatttgaata	60
aacatcagac	aacacacact	ggagacaaac	cctacaagtg	tggcatctgt	gggaaaggct	120
tcgttcagaa	atcagtgttc	agtgttcac	agagcagcca	cgcttgagag	aaacagtgtg	180
agaaaacccc	cctgagggtt	gggtctgatt	gtacactgtt	gcacgcatgc	agcagaaaaa	240
tatgtatatt	attgtaaata	gaaatgacca	catcagaatg	tcacacatgc	tgttctggag	300

<210> 1864

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1864

cccaaaacca	tttattgaag	agacaaccct	ttcctcattg	tttgcttttg	gcattcttgt	60
caaagatcag	ttgtccataa	atatgtggct	atatttcttg	gatctctctt	ttgttccctt	120
ggtctacatg	tctgttttta	atgggagtat	catactgttt	ctattactgt	aattttgatg	180
tatattttga	aatcaaatag	tatgatgctg	ctagctccat	tctttatgct	tgagagtgtc	240
ttggctattt	agggtctttt	ctagttccat	acaaatttta	ggtttatttt	tatgcttctg	300

<210> 1865

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1865

cagatggttt	ttaacgccta	ccaggctggg	gtaggagcac	tcaaactctc	catgaaggat	60
gtcacagtgg	agaaggcaga	gagcctcgtg	gatcagatcc	aagagctctg	tgacaccag	120
gatgaagttt	ctcagactct	ggctgggtgg	gtaacaaatg	gcttagatgt	tgacagtga	180
gaactggaga	aggaattgga	catcctcctt	caggatacca	ccaaagaacc	tttgatctg	240
cctgacaacc	cccgaatag	gcattttacc	aacagcgtgc	ctaaccctag	gatctcagat	300

<210> 1866

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1866

agacatcaaa	ggttcttctg	tcctaaagtgg	gaataaacgg	aacctgaac	cttttattgc	60
------------	------------	-------------	------------	-----------	------------	----

tccagaaaga	tttggaaaca	g	gtggg	ctttggcagt	aattcccatt	c	gcacc	120
agagaaagt	acgcttcttg	tagatggcac	acgtttttgt	gtgaatccac	agattttcac			180
tgctcatccg	gataccatgc	tgggaaggat	gtttggacca	ggaagagagt	acaacttcac			240
tcggcccaat	gagaaggag	agtatgagat	tgctgaaggc	atcagtgcaa	ctgtatttcg			300

<210> 1867

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1867

agcgtgtgca	gcggcagctg	ctggtgaggc	ccaaggggct	ctgtctccag	ggagcctgcc	60
tcgcttttgg	agcagacagg	cttggggagg	gcagtgatgt	gagccagccc	cacccagcac	120
ccctcttgcc	cttctgtttt	tcctagggga	cgggccgggc	catatgggga	ggaagggact	180
agaccaatgc	tgcttaatgt	tacagacgct	gagcagcgag	ctgtcccagg	cccagagatga	240
gaataagagg	accacaatg	acatcatcca	caacgagaac	atgaggcaag	gccggggacaa	300

<210> 1868

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1868

ggatgacaga	gtgagattct	gtcttaaaca	aaaaacccca	aaagaccatc	cagagtgtct	60
gtctcggtag	catatatact	aaaattggaa	ggatatggag	aagattagta	tggtccctgc	120
gcaaggatga	cacgcaaatt	tgtgaattgt	ttcataatta	ctatttaaaa	aaaaaacct	180
ctgtaggat	ttctccaaag	aagctaagca	gatgcccaat	aaacatatgg	aaagatgttc	240
agcatcacta	ataattaggg	aaatgcaaat	caaaaccaca	gtgagatgtt	attttgcgac	300

<210> 1869

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (290)

<223> n = A,T,C or G

<400> 1869

gaacaaacaa	aaaatgcaca	gttcataata	atctctcttc	gaaataatat	gtttgagatt	60
tcggatagac	ttattggaat	ttacaagaca	tacaacataa	caaaaagtgt	tgctgtaaat	120
ccaaaagaaa	ttgcatctaa	gggactttga	tggnccctat	nctattgatg	atncttacng	180
acgatgatgg	ctncnncaga	tccattcatg	anntgatnct	aanaaatatt	acttggtatt	240
canancgagt	tntaactgaa	atctccttgn	ggagctcctg	atnctggggg		290

<210> 1870

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1870

ctgggggtggg	atgccttact	ttgcacttaa	tttaataagg	gcattctcgg	aggagtagac	60
gtttaatacg	aagtggcggc	atagccctgc	cgagatgtcg	gtgatggcct	ggatgctgta	120
accacaacct	gtggctaaaa	attttatctt	ctatccttta	cccgtcatta	tcattagttg	180
ctatgattct	ttctgcattt	tcggttaact	atcatttcca	aagacttgtc	attcagtaat	240
attagcagat	agctgcttcg	ataaaggaat	ttggagttaa	aaaatcaact	tgtgaaaaca	300

<210> 1871  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1871  
 acaccctgga ctccctgcagg ggaggacaca cggaggtgga caactgcaga tacacttact 60  
 cggagtggca cagctttact cagccccgtc ttggtgaagt gagttttcct aagtgggcta 120  
 caaatctatt ntaattntct ttagacttta tanntaacta actggattct gactataant 180  
 tncaattanc tatgantcta ctacttctac taatagaaag ctattattnt tcctcantnn 240  
 taatntagtt atgttcngat ttanntggan atttacttcc cctcctattt ttttaattga 300

<210> 1872  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1872  
 gtttgatcat ttatgtactt gggtaagggtg gtaactgcta gatctctcca tttgaagttg 60  
 cttttaaaaa atttggtatt ttgctactc gggagggtga ggcgggagaa tcgcttgaac 120  
 ccaggaggct gaggttgtgg tgggccgaga ttatgccatt ggactccagc ctgggcaaca 180  
 agagccaaac tccgtctcaa aataaacaac caaactaact aaagaagcct aacagtaaata 240  
 ggcagctggt gtgtatgtga ccctgttgct ctgcttctcc cagggaacacg gccaacacgg 300

<210> 1873  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1873  
 acgggagcta gtgacggcat ttctacgata ctgaagatcc tcgtctccgg ggcgggcaag 60  
 tcacggacag gtgtgatgat ccccatccca caatatcccc tctattcagc tgatcatctc 120  
 gagctcgacg ccatccaggt gaattactac ctggacgagg agaactgctg ggcgctgaat 180  
 gtgaatgagc tccggcgggc ggtgcaggag gccaaagacc actgtgatcc taagggtgctc 240  
 tgcataatca accctgggaa cccacaggc caggtaacaa gcagaaagtg catagaagat 300

<210> 1874  
 <211> 156  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(156)  
 <223> n = A,T,C or G

<400> 1874  
 agctcgagtc aacgtccctg tcattggtgg ccatgctggg aagaccatca tccccctgat 60  
 ctctcagtc accccaagg tggactttcc ccaggaccag ctgacagcac tcaactgggag 120  
 ggatccagga ggacttaacn angntgtgna ggatat 156

<210> 1875



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1875  
 gttttccttt atatgggagt ttcctcatta aaaggaatcc agttatttga ccgtataaaa 60  
 ttatttgga tgcctgctaa gcatcagcct gatttgatat acctccgtta tgtgccgctc 120  
 tggaagggtcc atattttcac agtcattcag cttacttggt tggtcctttt atgggtgata 180  
 aaagtttcag ctgctgcagt ggtttttccc atgatgggtc ttgcattagt gtttgtgcgc 240  
 aaactcatgg acctgtgttt cacgaagaga gaacttagtt ggcttgatga tcttatgcca 300

<210> 1876  
 <211> 157  
 <212> DNA  
 <213> Homo sapiens

<400> 1876  
 agcggccatg gccaaacttg aggtgaagaa agcattcatg ggaccactga agaaagaccg 60  
 aattgcaaag gaagaaggag cttaatgcca ggaacagatt ttgcagttgg tggggctctca 120  
 ataaaagtta ttttccactg aaaaaaaaaa aaaaaaaa 157

<210> 1877  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1877  
 aggacccagg caaccctcaa caacctgcct gcgaagaaag ctcccttgga aggggctgcg 60  
 ccagcacatt tccctgcccc taatcacaaa tgccttgagg ccctccaccg gagattcgcg 120  
 ttcagtaggt cagtgcaggg gccgggaatc tgccatttga aacgaatact cccagttatt 180  
 tgtttcatca agcagataga aaaacatgga ttccttagaa aggttctgca actgaccatt 240  
 cattaactcc tgagggcctc atgtcagggt ccgtgcatgc actgagcacc tactgtgtgc 300

<210> 1878  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1878  
 gaagggggttt aaaaaggaaa aggtgtggaa gagatgcagg agtgggtgcag gtctgaatgt 60  
 cttgttgtga tagttatatt gagtaattgc ccatctggag gtatggtttg tgtcatcttg 120  
 acttcagctg ggtaatgcta ggctaactgt tcgaaactcc ccccatgcaa gaggagtctg 180  
 caactccatc tetgcttggt ttgtttcaaa actggcccct gaaatttcta agcaagtacg 240  
 taattagata agtgaacact gttcatggac atgcctggtg ggaaaggagg aaactaaggg 300

<210> 1879  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1879  
 gccaatcca ggccctcctc cagcagtggt gccaccaaca gacttctctc aactgattga 60  
 tagtccagag tttgtaccag gccaaagcct ttgtcacat acagagtctg ccccaaattc 120  
 tccaagaatt ggaagcccat tgagcccaaa gaaaaacagt gaaacaagta ttcttcaagc 180  
 aatgtctaga ggtttgtcta ccagttatgc ctgacttgga ctcagaacct tggatagaag 240  
 ttaaaaaaag acatcatcca gcccagtgga aattgaggga atcagtgtct gtccctgaag 300

<210> 1880  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1880  
 agacagagta ctgattggag gggatgaaac tccagagggc cagagagctg tgcaggccct 60  
 gtgtgctgta tatgagcact gggttccag agaaaagatc ctcaccacta atacttggtc 120  
 ttcagagctt tccaaactgg cagcaaatgc ttttcttgcc cagagaataa gcagcattaa 180  
 ctccataagt gctctgtgtg aagcaacagg agctgatgta gaagaggtag caacagcgat 240  
 tggaatggac cagagaattg gaaacaagtt tctaaaagcc agtggtgggt ttggtgggag 300

<210> 1881  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1881  
 gtggagccca agagctctgg gccgccagga agcctccaat gctctggcca cctggaccgg 60  
 cctttttaa at gcgattctg tctctttcta actcctttgt ctccgcagga ctcggggtat 120  
 ctgctgggtg gtgtggggct gggttcccca atatctaaga tcagtgttg gggcattttg 180  
 cagatcctgc actggatgga tcagcggaca acacacagac cggtaatctg ggtcaatcag 240  
 ttctgccatc ccaccagaa cagaaaacag catgaaaaac tcactttaac cccctatgaa 300

<210> 1882  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 1882  
 gaggaagcat ataccacaga acattggctg gtcaggatat acaaggtaaa ggacctttat 60  
 aatcgaggct tgtcaaggac ataaatgtca cgtccagctc tgatatgctt cgcactgagc 120  
 acatcacatt taggacgttg aagattttt 149

<210> 1883  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 1883  
 gtgcaccgga ggggtgaagac agccctcgcg aggaaggagg aggccgtgag cagcctccgg 60  
 acacaacatg aggctgcggt gaagcgggcc gaccacctgg aggagctgct ggagcagcac 120  
 aggaggccca cgccaagtac caagtacca gggatgccgg gaacactgtc gaagaacgga 180  
 aggcagagga cagaggctgg acgtgg 206

<210> 1884  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1884  
 gactttctgaa gaacatgaag caagcagaag ggtgaaagcg gagctgctgg ttcagatgga 60  
 tgggtgttga ggtacttctg aaaatgatga cccttccaaa atggttatgg ttctggcagc 120  
 tactaatttt ccctgggata tagatgaggc tttaagacga cgccttgaga aacgaatcta 180  
 tattcctttg ccgtcagcaa aaggcagga ggagctatta cgaataagtc tacgtgagtt 240  
 ggaattggct gatgatgttg accttgcaag tatagcagaa aacatggaag gttattcagg 300

<210> 1885  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1885  
 tgcagtagca tccatgagca tcagcagaga tgcagtgggg gtctgtttac ttggtgataa 60  
 gttatatgct gttggggggg atgatggaca ggcatacctt aatactgtgg aggcttatga 120  
 tccccagaca aatgagtggg cccaggtatt ttcacatact tttagaggaca gcaaagatca 180  
 cctggtggcc atcaagcaga ccatctggag gcaaaactcc ttatctgagg aattcagaag 240  
 tcattagact gccctattat ctaaagccgg catcttgtac taggcttctt taccaaaaat 300

<210> 1886  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1886  
 aataaaaagg tccaatttga gtttcatctg ctcagctgcc agcagcagtg attccccaat 60  
 gacttttgct tggaaaaaag acaatgaact actgcatgat gctgaaatgg aaaattatgc 120  
 acacctccgg gcccaagggt gcgaggtgat ggagtatacc accatccttc ggctgcgcga 180  
 ggtggaattt gccagtgagg ggaaatatca gtgtgtcatc tccaatcact ttggttcac 240  
 ctactctgtc aaagccaagc ttacagtaaa tagtatgtga tctgactttt ccttttagcat 300

<210> 1887  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1887  
 gctgactact tggaaagcttg tgtagtatct gtgttgcaga tccatgtgac ccagccccct 60  
 ggggatatcc tgggtgttct gacaggacag gaggagattg aggctgcctg tgagatgctc 120  
 caggatcgct gccgccgcct gggctccaaa atccgggagc tcctggtgct gccatttat 180  
 gccaatctgc cctctgacat gcaggcccggt atcttccagc ccacaccacc tggggcacga 240  
 aagggtggtt tggcaacgaa cattgctgag acatcactca ccattgaggg catcatttat 300

<210> 1888  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1888  
 agtaattttt ttagtttggt tttgagacag ctctgtcacc caggctgagt acagtggcat 60  
 gatcatggct cacagcagcc tctcaacctc cctgggctca ggtgatcctc ccacctcagc 120  
 ctcttgagta gctggtacca cagggtgtgta cctgggttaat tttttggtgt ttcttataga 180  
 ggcaggatct ccttatgtta cccacaccgg tctcaaactt ctggacttta ggaatcctcc 240  
 tgccccggcc tctcaaaggg ctggacaggt gtgagccacc aggctggcc ccaagcttgt 300

<210> 1889  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 1889  
 ccaaacttgg aggtggccgc ttccagacca tggaggagaa gaaagcattc atgggaccac 60  
 tgaagaaaga ccgaattgca aaggaagaag gagcttaatg ccaggaacag attttgcagt 120  
 tgggtggggtc tcaataaaaag tttgtttcag tggaaaataa cttttattga gacaaaaaaa 180

aaaaaaaaaa

190

<210> 1890

<211> 187

<212> DNA

<213> Homo sapiens

<400> 1890

cagcctgcgg	ccaggctttt	tatttaaatgt	aaatagtttt	tgtttgcctc	cgtgggtttgg	60
tcaccgtgtg	catcgcaccg	tgctgtaaat	gtggcagtcg	ctgtgttggg	agagccggcc	120
acgcccttgg	ctttagagct	gtgttgaaat	ccatttttgt	gatggctttt	aacccaaact	180
cattgca						187

<210> 1891

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1891

agccaatgtg	cttgcaagtg	tacagatctg	tgtagaggaa	tgtgtgtata	tttacctctt	60
cgtttgcctca	aacatgagtg	ggtatttttt	tgtttggttt	ttttgttgtt	gttgtttttg	120
aggcgcgtct	caccctgttg	cccaggctgg	agtgcaatgg	cgcgttctct	gctcactaca	180
gcaccgcgtt	cccagggttg	agtgattctc	ttgcctcagc	ctcccagta	gctgggatta	240
caggtgccca	ccaccgcgcc	cagctaattt	tttaattttt	agtggagaca	gggttttacc	300

<210> 1892

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1892

ggaacccccca	ccattaagct	aaagtaaaac	ccttttgagg	gaagagggag	actggggaga	60
agggaaaaga	gagaaggcag	ggagagtagg	gagagaaaac	cttcagcag	cccagtaaac	120
tgcgggcgaa	gagatctacc	cgtctccctc	cctcccacag	ttaccattgg	ccttgtcatc	180
gcaagcattt	gacaaagact	tgcttgtctt	gggcctgtca	cctcctgaaa	ggctgcttta	240
gctgtggatg	cccttgatta	agggagagag	cgcctaggag	ctgcctgccc	cagctggggg	300

<210> 1893

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1893

agaggccaga	tcacacagga	atgactggga	ttttaggcct	ggaatgtacc	tttaaaatta	60
tcttattaca	caccatcctt	cattttttct	attttcctct	tttgggattc	atatattaag	120
tattagggca	ttaaaacaca	actgtatata	taaagaaaaa	tataaagtaa	ccacacatgc	180
tcagggaaag	acacaggctc	agaaaatgcc	tgagaagaac	ttagtttcac	accccaggct	240
gatcctaagc	accgagacag	cctacaacaa	tccaaaaaac	aaaaacaata	aataaaaaag	300

<210> 1894

<211> 174

<212> DNA

<213> Homo sapiens

<400> 1894

ttatttgtaa	ccattataag	ctgcaataaa	caagttaaca	acaacaattg	cattcatttt	60
atgtttcagg	ttcaggggga	ggtgtgggag	gttttttaat	tcgcggccgc	ggcgccaatg	120

cattggggccc ggtacccagc tttccg tttagtgaga gaggtcagaa a

174

<210> 1895

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1895

aaatacctca	ggaaaaacga	ggaggtgaag	tattggattc	ttctcatgat	gacataaaac	60
ttgaaaaaag	taatattttg	ctgcttggac	caactggggtc	aggtaaaact	ctgctggcac	120
aaaccctagc	taaatgcctt	gatgtccctt	ttgctatctg	tgactgtaca	actttgactc	180
aggctggata	tgtaggcgaa	gatattgaat	ctgtgattgc	aaaactactc	caagatgcca	240
attataatgt	ggaaaaagca	caacaaggaa	ttgtctttct	ggatgaagta	gataagattg	300

<210> 1896

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1896

gtcgtgactc	ctgtacaagg	aaaataggct	tggagaagat	tgggtgtcaaa	attaatgaga	60
agagtggaaa	aatacctgta	aatgatgtgg	aacagaccaa	tgtgccatat	gtctatgctg	120
ttgggtgat	tttggaggat	aagccagagc	tcactcctgt	cgccatacag	tcaggcaagc	180
tgctagctca	gagacttttt	ggggcctctt	tagaaaagat	atatcatact	ttgttctggc	240
ctcttgaatg	gacagtagct	ggcagagaga	acaacacttg	ttacgcaaag	ataatctgca	300

<210> 1897

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1897

gcaagatccc	tccacctgtc	attatgggtgc	aaaatgtgag	cttcaagtat	acaaaagatg	60
ggccttgcat	ctacaataat	ctagaatttg	gaattgacct	tgacacacga	gtggctctgg	120
tagggcccaa	tggagcaggg	aagtcaactc	ttctgaagct	gctaactgga	gagctactac	180
ccacagatgg	catgatccga	aaacactctc	atgtcaagat	agggcgttac	catcagcatt	240
tacaagagca	gctggactta	gatctctcac	ctttggagta	catgatgaag	tgctacccag	300

<210> 1898

<211> 274

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 1898

ctcggacaag	gcttttgaag	actggctgaa	tgatgacctc	ggctcctatc	aaggggcccc	60
ggggaatcgc	tacgtggggt	ttgggaacac	gccaccgcct	cagaagaaag	aagatgactt	120
cctcaacaac	gccatgtcct	ccctgtactc	gacagagtcc	gactccatct	cagaaannna	180
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	240
aaaanaaaat	ttntgaann	ananantnga	aaaa			274

<210> 1899

<211> 209

<212> DNA  
 <213> Homo sapiens

<400> 1899  
 ggggcttctt agggccaatc ttaccacaat gctcacgtgg tcaggcaggg gcttcttagg 60  
 gccctgtta ccagttgggt cccagggcat cattgtggaa cccatagatg agatactgcc 120  
 caccaccccc atctcagaac agaagggtgg gaagccagag ctttctgcca tgccccagcc 180  
 agttcccaca gcataacagc ttctccttg 209

<210> 1900  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1900  
 gtaaaccctt cccagtecta tcagagcaaa ctttctgggg ttgcatcccc tcagaaaccc 60  
 atttggggcc caatctcaat gcacatatca gtgcgcaaag cactaaaatt ccaggcaaca 120  
 ctttgtattg agagaagcca aaatttttgt caggccctgg gacatctaaa gtcaccaatg 180  
 taactacacc atacagatta aaccctcaca tgatcatgta agctatgcag ttaccaagc 240  
 tgcattcatt agaaaacctg tacagttttt atggaaacca tccctagtca aggacacttt 300

<210> 1901  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1901  
 aggacgtccg ctacttgcac ttcttgggaag gcacccggga ctatgagtgg ctggaagcac 60  
 tgcttatgaa tcagacggtg atgtcaaaaa accttttctg gttcaggcac agacccagc 120  
 aagcttttct ggaagccctg cacatggaca ggtacctgtt gctgcacca gactttctcc 180  
 gatacatgaa gaacagggtt ctgaggtcta agaccctgga tggtgccac tggaggatat 240  
 accgccccac cactggggcc ctcttgcctgc tcaactgcct tcagctctgt gaccagggtg 300

<210> 1902  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1902  
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 tcagtactgc ttagtgaata agccatcttt attatcttga gatgtcactt ttattatgta 180  
 ctgaatttct ctgtttatgt tgggtcttta gctgtactat gtggtctctt ccattgattt 240  
 gtcttttact gggctgtgtc atactgtttt taattattgt agtgttatat tttagtattt 300

<210> 1903  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1903  
 atctcatatg agtgagaaa cttaccagtg cagcgaatgt gggaaagcct tccgagggca 60  
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 atgtggaaaa gccttcagcc agaactcgag ccttaaaaag caccaaaagt ctcacatgag 180  
 tgagaagccc tatgaatgca atgaatgtgg gaaggctttt aggcggagct caaacctcat 240  
 ccaacatcaa agaatccatt ctggggagaa accgtatgtg tgcagtgagt gtgggaaggg 300

<210> 1904  
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 <212> DNA  
 <213> Homo sapiens

<400> 1904  
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 ccacccacag cgctggccac agggctccct gcagggtcag ggaccagacc acgcccagag 120  
 gaggggaggc actggccccc gccacaggac tggagacgca agaacaaaaa gaaccaagta 180  
 gagagagtgg agctgcttta ttgcccttgg agcccgcgct ctcgagggct gtcttctgtc 240  
 gccaaagggtc ccggaccgag tacacagtgg cagctggctt agttggtgga cggcctgggg 300

<210> 1905  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1905  
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 ggtagggttc ctggaagcct ctgggtcaca ctttttcacc aactgatcaa tagataacct 180  
 tgttttgttt atgtttgtgt ttagagacat ttaatatata ttgttgactt actaacatcg 240  
 aactcatggc caatagcact ataacttacg gctgaacaaa gcttatcaag tcttttctct 300

<210> 1906  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (148)  
 <223> n = A,T,C or G

<400> 1906  
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 ctgctgccct ccgagtcacc gatggcgcat tgggtggtgga ggacngtgtn tnaagngcgt 120  
 gcnagcagan ggatacagan acntanca 148

<210> 1907  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1907  
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 caaacccctg tatccagtta tctatgatag caatgggtgtc gtcctttcaa tgccctccat 180  
 catcaatggg gatcattcca gaataacagt aaataactaga aatattttta ttgaatgcac 240  
 gggaactgac tttactaagg caaaaatagt tcttgatatt attgtcacca tgttcagtga 300

<210> 1908  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1908

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gattgcaagg	cctgaactcc	agctggatga	gggctggatg	gatgatgaca	ggaacgactt			180
tctgggtgtg	gatgtcaatg	atgatttttc	tgaggaagta	accaaacaag	aagacctcat			240
gagagaggta	aacacctttg	taaagaatct	gtaaccaata	ccatgatgtt	caggctgtga			300

<210> 1909

<211> 211

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(211)

<223> n = A,T,C or G

<400> 1909

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gccccatgct	ccagctacaa	aacaattcaa	ttgctttttt	tttnggncca	aaataaaacc	180
tcagctagct	ctgccaatgt	caaaaaaaaa	a			211

<210> 1910

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1910

cttgggagtc	aaccataca	ttaatcattt	gtacagtgac	cttgcagatg	ctttagtgat	60
ctttcagctc	tatgagatga	tccgagtgcc	agtcaactgg	agccatgtca	acaaacctcc	120
ttatcctgcc	cttggaggga	acatgaagaa	ggatgaatgaa	ataatggcca	tggatatatt	180
gttattgttc	tgatatgaaa	caaagaattt	agagtttcat	gaagttatac	gtgctctgtc	240
cccacaattc	tgattcagac	caaatgtgt	taagcttaat	agccttttta	caagtttgct	300

<210> 1911

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1911

gttagtaggt	gcccataact	tcggtggtgg	agatccaaaa	gtgaacaaga	cagtgttctg	60
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ctgccccatga	acttcataga	ctgtgatctt	tgctaaggcc	taaataaatg	aagggtcagg	180
accggaagca	gaagacagaa	agtggagacc	agatgtttga	agctgggtaa	aggcagggat	240
ggagcaggaa	ccgaggaaca	aaccttgga	ctagagtctg	atgcttggtt	gtctgaaacc	300

<210> 1912

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1912

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tggcccttac	atacaactgg	aggaagtgtg	aatttcatca	tgttgataaa	ttggactgtc	180
atgattcttt	ataattactt	caatgccatg	tttgtcggtc	cgggctttgt	ccctctgggg	240
tggaaccggg	aaatttctca	ggataccatg	tatctccagt	attgtaaaagt	ctgccaagca	300



<210> 1913  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1913  
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 tgtgaaaaca gactaataca atcctgaagc atttcatcaa agaattgtaa caggagatga 180  
 aacatggctt caccagtatg atcctgaaga aaaagcacia tcaaagcagt ggctatcaag 240  
 aggaggaagt caaagcaaag cagaccagtc aagagcaaag gtaatggcaa cagttttttt 300

<210> 1914  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1914  
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 accttctctt cgggcccccc agggccacct ggccccccag gtcccaaggg agaccaaggt 180  
 cccccaggcc ccagaggaca ccaaggcgag caaggcctcc caggtttctc aacctcaggg 240  
 tccagttctt tcggactcaa ccttcaggga ccaccaggcc cacctggccc ccaggggacc 300

<210> 1915  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1915  
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 aaaaagggac aggaggctga ccttgaggct ggtggggagg aagtcctga ggccaatggc 180  
 tctgcaggga agaggagcaa gaagaagaag cagcgcagg acagcgccag tgaggaagag 240  
 gcacgcgtgg gcgcaggga gaggaagcgg aggcactcgg aagttgaaac agattctaag 300

<210> 1916  
 <211> 213  
 <212> DNA  
 <213> Homo sapiens

<400> 1916  
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 ggctcaggag gtctggatct gtgatgagat ggggaaagtg ggctcaggag gtctggatct 120  
 gtgatgagat ggggaaagtg gtctcaggag gtctggatct gtgatgagat gggcggaagt 180  
 gggctcatga ggtctggatc tgtgatgata tgg 213

<210> 1917  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1917  
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 tgctgatagg acagaaaggg ttggaagaag tggcaatatc ccagctggaa caacagttga 180  
 tacagacatt acacacccat atgagttcga tttttacctc tgtagccatg ctggaatata 240

gggtaccagt cgtccttcac a catgt tttatgggat gataactgct tgcaga 300

<210> 1918

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1918

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tgtttgtcct	gagaccagc	taagtccctc	tgaaactttt	gaccttgaaa	gagaagtctc	180
tccaggtagc	agagatatct	tggatggagt	cagaataata	atggcagata	aggaggttgg	240
taacaaggaa	gatgctgaga	aggaagtagc	tatttctacc	ttctcatcca	gtaaccaggt	300

<210> 1919

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1919

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tacctgtaaa	gctttctggt	ccttgggaag	cctctccttc	tgtgcatatt	attactgaaa	120
ttcttcaaaa	gattctgaga	tgctctcagt	gtttcattgc	tactttaatt	ttaatcatta	180
tgggattgat	tgctgtcaca	gctactgccg	cggcagctgg	agttgctttg	catttcacag	240
tacaaacagc	agactatgta	aataattggc	agaaaaattc	tactttgctg	tggaattccc	300

<210> 1920

<211> 262

<212> DNA

<213> Homo sapiens

<400> 1920

cccaggctct	ggggcagcgc	aggaggggta	ggctgggagg	ggctgccgca	gctgttcact	60
tgggcaggag	gccgctatgc	agggtagcac	tgggaacagg	agaccacct	gaggctcagc	120
cctagccctc	agccacctg	gggagtttac	tacctgggga	cccccttgc	ccatgcctcc	180
agctacaaaa	caattcaatt	gctttttttt	tttggcccaa	aataaaacct	cagttagttt	240
tgccaaaaaa	aaaaaaaaaa	aa				262

<210> 1921

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1921

ttgagacgga	gtttcaccat	gttggccagg	atggtcttca	acttctaact	tcgtgatcca	60
cgctgctggg	attacaggtg	tgagccaccg	cgtgtggcct	ctgggcacct	tttgaagctg	120
aagcagagag	agaaggcggc	aggcatcagc	gttttcttct	atgaacttat	aagatcaaag	180
actttaagac	tttactatt	tcttctaccg	ctatctacta	cgaacttcaa	agaggaacca	240
ggagtacgga	aggagcatga	aagtggacaa	ggaacgtgac	cattgaagca	ccacagggag	300

<210> 1922

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1922

gggggacacg	ttggctgcgt	tttcggcggg	cttcccgggt	acaaaaatgg	ctgtggctag	60
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cgatttctac ctgcgctact a gggca caagggcaag tttgggcacg a ctgga 120
gttcgaattt cggccggacg gtgttacgt gtaattgttc accataggac gcaagaagag 180
taccaagcaa gaggggagag gaaagcttag atatgccaac aacagcaatt acaaaaatga 240
tgtgatgatc agaaaagagg cttatgtgca caagagtgtg atggaagaac tgaagagaat 300

<210> 1923
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1923
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ggatagcttc taccgtgtcc ttacctcgga gcagaaggcc aaagccctga agggccagtt 180
caactttgac cacccggtg cttttgacaa tgaactcatt ctcaaaacac tcaaagaaat 240
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<210> 1924
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1924
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gtcaggcttg tcttgaactc ctgagctgaa gcaatccacc cgccttacc tcccaaaggt 180
gctcatatta caggcttgag gcaactgtgc tggccatggg tgccatctat ctaaagagtg 240
atgaacttgg tgttaaacca gtaattgaaa tcaccaagtt cctaccatca tgagctcagt 300

<210> 1925
<211> 270
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (270)
<223> n = A,T,C or G

<400> 1925
ccccagtgtc ctctctcttc tccggccaga cccagccccg cgaagatggt ggaccgag 60
caactggtgc agaaagcccg gctggccgag caggcggagc gctacgacga catggccgng 120
gncatgaaga acgtgacaga gctgantgat ccnntgtcna angaggaacc gaaaccttnt 180
gnntngagga ctnnngtaac gntgtgnggt tnnngctgnnt nttnttnaa ttttatgtgn 240
nggnctgtnt nnanngtnc tttttttagt 270

<210> 1926
<211> 188
<212> DNA
<213> Homo sapiens

<400> 1926
acagcttcca cgcttctgtc cacttctggt tgccaggaga cagcaagcaa agccagcagg 60
acatgaagtt gctattaaat ggacttcgtg atttttgttt tgcactaaag tttctgtgat 120
ttaacaataa aattctgtta gccagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 180
aaaaaaac 188

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<210> 1927  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1927  
 ggtagacatg cacgttgtca ggggaagaga tggctgtgaa tattctcttg gactgacccc 60  
 gacaggcata ttaatctttg aaggagctaa caaaatagga ttattctttt ggcctaaaat 120  
 taccaaaatg gatttttaaaa agagcaaatt gacactcgtg gtggtcgagg atgatgatca 180  
 gggacgtgag caagagcaca cgtttgtgtt ccggttagac agtgccagga cctgcaaaca 240  
 cctttggaag tgtgcagttg agcaccacgc attcttccga ctgcggacgc caggaaacag 300

<210> 1928  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(284)  
 <223> n = A,T,C or G

<400> 1928  
 aaattgtctg ccattacacc agaaggatgc ctctgatagg aggacaacca tgcaaattgt 60  
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 tctggccttt catggcaatg aaaattttta gaagaaagat ttaaagtatt ttaattttta 180  
 agagtgtgtt ataaaataat gtactgaatt ctttatcccc ttttatcatc ctttcagttt 240  
 ttattaatct actgtatcat aaattctgta antngatgng agga 284

<210> 1929  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 1929  
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 ttattcttga tgaaaagctt tgtttgttct tgtttttaag tttgactca aatcttaaga 180  
 aataaatcca cccatgttat caaaaaaaaaa aaaaaaaaaa tnnnccttn aaaannaann 240  
 gggngncnan naccnaaaac ccnnncnna aaaaancctt ggannatttg g 291

<210> 1930  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1930  
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 agaaactgca gcagcatctg aaatgtccac ttcttgattc attctgaact cccttaagcc 120  
 cagtgtttgt tagttctcgt tcaagtctag gaactctgcc gagtaacagg tatctcaatt 180  
 ttgccatcct ttctttctgc atagacagga gtgttcttaa atcttctcct gtaaagcaag 240  
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<210> 1931  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1931  
 cccactgccc catcagtatg ggcataaacc tcaactgctgc caccctgatg aaatgctttt 60  
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 cacagcaggt gcttaaattt gaggtcccag ataacaaagc cgtgggtctg gtaccaggcc 180  
 ctgtgggtta gagcatgcag cccacgagtg ctgagagagc cttggccccc tgaaataatc 240  
 caaaaacaaa gccagtcacg tgaacacaaac ttataccata gtcaaactt caatggcatc 300

<210> 1932  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1932  
 attctctctc cataccaccc cccaaaaatt ttgcgcgctc caacacttca acactatttt 60  
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 gccatcgcat cccctgtgac ttgcacgtat acatccagat ggccctgaagt aactgaagat 180  
 ccacaaaaga agtaaaaaca gccttaactg atgacattcc accattgtga tttgttcctg 240  
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<210> 1933  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (208)  
 <223> n = A,T,C or G

<400> 1933  
 gctggtgtta ggggttcttg tttttggggg ttggcagaga tgtgtttaag tgctgtggcc 60  
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 ctgtgcagac attcaattgt tattaataaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 180  
 aaaaaaaaaa aaaaaaaaaa cccccccc 208

<210> 1934  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1934  
 ccagcatggt ggatgatgtc ttctacattg ttaagaagag cattgggcgg gctctgtcca 60  
 gctccagcat tgactgtctc tgtgccatga tcaacctcgc caccacagag ctggagtctg 120  
 acttcaggga tgttctgtgt aataagctgc ggatgggctt tctgccacc accttcagg 180  
 acatccagcg cgggggtgaca agtgccgaga acatcatgca cagcagcctc cagcaaggca 240  
 aatttgacac aaaaggcatc gagagtactg acgaggcgaa gatgtccttc ctggagactc 300

<210> 1935  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1935  
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gatggatatg ttctgccaag ggttggtttg cgcattcaca gttctccgca agaattgatt 180  
ggctccaatt cttggagtgg tgaagaaaga aaaaagttga actagatttg gtctgatgca 240  
gttacagatt tacaaactgt gccccaccc tcttgacagac accttcact cctcattctt 300

<210> 1936  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1936  
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aaaattcttg gcatcaaaaa agcacgaagc tgcaaaagaa gtatttgatg aaattcctca 180  
ggattctata gcagaaatct ataatacagt cgaggaacaa ggaatggaaa gtccacttcc 240  
tgctgaagat gataatgcta tccgagaaca tttgtgcata agagcttatt tggaagccca 300

<210> 1937  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1937  
ggtagccagt aggtatcggt ggaaacaacg gagttctctt ttctgaatct gcaaaaaagg 60  
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ttactggatt tatggttggg agagagtatg aagctgaagg aattgccaa gtaggtgcca 180  
agatgggtggc cgctgtggcc tgtgcccaag tgcctaagat aaccctcatc attgggggct 240  
cctatggagc cggaaactat gggatgtgtg gcagagcgta tagcccaaga tttctctaca 300

<210> 1938  
<211> 149  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(149)  
<223> n = A,T,C or G

<400> 1938  
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ntggagnagg atnangntct atatgactt 149

<210> 1939  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1939  
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tctgtaggaa accagactaa tactgcttgt agtcctgaag agtcatgtgt tttaaaaaaa 180  
cctatcaaac gagtatataa aaaatttgat ccagttggag agattttaaa aatgcaggat 240  
gagctcttaa agccaatttc cagaaaagta ccagaattgc ctttaatgaa tttagaaaat 300

<210> 1940  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1940  
 ggggcttatt tcacccctac agtctcgacc atagaagaca gctacaccca agggggccat 60  
 tttagaggcc caccctcagg ggcacattct ctttctcagg gatgttcctt gctgagaaaa 120  
 agaattcggc gatatttctc ccatttgctt ttgaaagaag agaaatatgg ctctgttccg 180  
 cctggctcac cggcggtcag agtttaaggt tatctctctt attccctgaa cattgctgtt 240  
 atcctgttct tttttcaagg tgccctagatt tcatattgtt taaacacaca tgctctacaa 300

<210> 1941  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1941  
 gcagcttgaa ggaaagactt ttaaagggtac atgatgaaga aaaccaaatt aaataattgg 60  
 ttaggtacag ttcatagtta cttgatttgt acaattaagg tggacatttc ctggttatgt 120  
 aatcagagggt taattggcag tttatgattg gtttaagccta aatttttgtt tccctcaatt 180  
 cagtaatttg caaaaaaatg catttgagtt agagttttta aaaaatagga acccaggggac 240  
 tagagtaacc tccgtctaatt tgccctgctac ttagttattt tcacactcca cagggggactg 300

<210> 1942  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1942  
 gggaggggcac acctggggga cagcagcggc gggagtgtgg tccgactggc ctggaagatc 60  
 ttgggcagag ctgacctcag agaacagtgc ggggtctctc cctcctggg gcagtcccca 120  
 ggacgagggt ccaggtgcct ggcccattgt gcagggggcc gtggagccca tgcagatcga 180  
 cgtggacccc caggaagacc cgcagaatgc acctgacgtc aactacgtgg tggagaaccc 240  
 cagcctggat ctggaacagt acgcggccag ctacagcggc ctggccactg ggtgccaccc 300

<210> 1943  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1943  
 gcatatgctt gtctcaaaga ttaagccatg catgtctaag tacgcagggc ctgagtctct 60  
 gccctcgtgg gcgttgagtg aactgattc tcgcgtgtct ccggcctctc cggcagggag 120  
 tcttagcgca gactttgcgg ttcattggaga gtctctggga gacaggcacc tgcggacgct 180  
 gcagataagt tacgacgcac tgaaagatga aaattctaag ctgagaagaa agctgaatga 240  
 gggttcagagc ttctctgaag ctcaaacaga aatgggtgagg acgcttgagc ggaagttaga 300

<210> 1944  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1944  
 aaacaacgga gttctctttt ctgaatctgc aaaaaagggt actcactttg tccagttatg 60  
 ctgccaaaga aatattcctc tgctgttctt tcaaaacatt actggattta tggttggtag 120  
 agagtatgaa gctgaaggaa ttgccaagga tgggtgccaag atgggtggccg ctgtggcctg 180

tgcccaagtg cctaagataa c	atcat tgggggctcc tatggagccg g	240
gatgtgtggc agagcgtata g	ccaaagatt tctctacatt tggccaaatg ctg	300

<210> 1945  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(230)  
 <223> n = A,T,C or G

<400> 1945		
gtcaacctct accacgtgcg ggaggatggc tggatccgag tctccagtga caatgtggct		60
gatctacatg agaagtatag tggctctacc ccctgaaaga ggggtggatgc agntgcttgt		120
gntncatggg gtgactgtca atcggtatnt actgnanacn tatgactnna ctccctncatc		180
cctantanta gcgtanatnn gtnnttttnag gatctatttn tngttgntnt		230

<210> 1946  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1946		
gcatattgtg gagaggcaca gttcaggagg aataggggttc gtcttgaaga ggaggacact		60
ttcctgtgaa tcatgagggga cagaagatcc atatagaaga agacaatagc tttgatcttc		120
tattacaaga aaaggaatgc cagtgtgaaga gatggcatga tatggaagtg tattcctttt		180
caggcctgca gagtgtccct cccttggtctc cagaacgaag atccacactt gaggactact		240
ctcagtcgct gcacgccaga actctgtctg gctctccccg atcctgttct gagcaagctc		300

<210> 1947  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1947		
ttcaaactctg ccaactcccag agcccgtgga actctggccc aaggctctct gactgactcc		60
ttcttggctt agcggctgaa gactgacact gcccgatcgc ctgagaaacc ccgtagacca		120
tcacggacgc cgagcttttag ttaactctca cagtggagga aggcaggaat gtcaggcctc		180
tgaacccaag ccaagccatc acatcccctg tgacttgac gtatgcacgt atgcacctag		240
atggcctgaa gttactgaag aatcacaanaa gaagtgaanaa ggccctgccc cgccttaact		300

<210> 1948  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1948		
agtcaatgtc aattcctcaa agcagtctgg ttatatctga aaatacatga ttctagtcaa		60
agccttgggtg aaataaccag tgtttccaat tgtgtcctgt tacaaaacaa aacagattct		120
tactgaattt atgcaaacaa ctacattgcc ataaagtaag aatactcatg aaaagtttcc		180
aaattctgga gaactcaggt agaggggaga agtaaatttt gtcacaaaa gtatccttta		240
caatcagagt agcagtcttc caaacaggat gttgcccgtt catcatggaa cggccatcca		300

<210> 1949  
 <211> 300



<212> DNA  
<213> Homo sapiens

<400> 1949  
atcaaact acctgaaatt attggcatgt ggaccccggc tcagaaacac tgacataaag 60  
acttaaatt aatgggattt gttttcaaaa gatttgactt ttctctgtaa aaaacacagc 120  
aacaaggcaa caggggaatat taccaaagtt tcccaaaggc ttgtatagga tttgaaaaag 180  
ttgggggaag aatttaaccc taaaagctta actgattttc aaacacctgc aaatacataa 240  
ttacagatcc tgtgaagctt aaccttggtg gtgttaaatt ttagctagaa tgtcacaagg 300

<210> 1950

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1950  
gtatactttg aactgagaa caaagagaca gttatatctg gaatgggaga attacacctg 60  
gaaatctatg ctgagaggct ggaaagagag tatggctgtc cttgtatcac aggaaagcca 120  
aaagttgcct ttcgagagac cattactgcc cctgtcccgt ttgactttac acataaaaaa 180  
caatcaggtg gtgcaggcca gtatggaaaa gtaatagggtg tcctggagcc tctggaccca 240  
gaggactaca ctaaattgga attttcagat gaaacattcg gatcaaatat tccaaagcag 300

<210> 1951

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1951  
ccggcatgtc tttctcccgc aagagctata ggctgacctc agatgctgag aaatccaggg 60  
tcacaggcat tgggcaggag aagctgctga atgactacct gaaccgcac ttttcctctt 120  
ctgaacatgc acccccagca gccaccagca ggaaaccct gaacttccag aacctgccag 180  
aacatttgga ccagttgcta caggtggaca atgaggagga ggaaagccag ggacagggtg 240  
aagggcggct tggcccatcc actgaggggc tggaccacac aggcggcttt gaggggcttc 300

<210> 1952

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1952  
gtgcgcttnt atgtntcat agacnttttt ttnaatccct tttancacc tactatgntc 60  
tggntgcn gatcngntcg gntctntcca tnggacaacn ctncacac gccaaccccg 120  
ttcannaacg ccctaanggg gaacttanng gggatgaatc cctgccacag acccgnacc 180  
tggagnagga cttgaaggan gtgctgcntt ctgangctgg catcnaactc atcatcnagg 240  
actacatcan gcccnagaan cataatagga ancctggntc gngcgganc cncatcaa 298

<210> 1953

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1953

ggccatcctg	gccatccaca	a	gcca	gaggatcgct	gagagcaacc	a	aagct	60
gtcgggcagc	aaccctaca	cc	cgtcac	cccgcaa	atcaactcca	ag	ggagaa	120
ggtgcagcag	ctggtgccaa	aagcctctag	aactatagtg	agtcgtatta	cgtagatcca			180
gacatgataa	gatacattga	tgagtttggg	caaaccacaa	ctagaatgca	gtgaaaaaaa			240
tgctttat	gtgaaatttg	tgatgctatt	gctttat	taaccattat	aagctgcaat			300

<210> 1954  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

cccgcctg	cccaggtgaa	atacacagcc	atgttgctca	cacaaagcct	gtttggtggg	60
ctcttcacac	gggcacgtat	gcaatttgg	gccgtgactc	ggatcgggg	acctcccttg	120
ggagatcaat	cccctgtcct	cctgctcttt	gctccgtggg	aaagatccac	ctatgacctc	180
aggtcctcag	accgaccagc	ccaagaaaca	tctcaccaat	ttcaa	atccg	240
tgtcaggcct	ctgagcccag	gccaggccat	cgc	atcccg	gacttgcacg	300

<210> 1955  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

agcaagtcag	caa	atgtggg	agatggaaaa	ctggcttcct	ccacccacct	aggttctttg	60
gctgggctac	aaattaaatg	gacataaaat	agattaacag	gagaaaaaac	acagtaatta		120
tgtgtatatg	cctgggagtc	ccacaaaata	tgagactcaa	aagaagggtc	cgaagaggga		180
agcttatata	gccccctgag	ccacagaaag	gaatagggac	ctggggcttc	tggtgggtgg		240
tggagacaag	ttatggaaga	gtgaggggag	gaagtgtagg	gtgagtaaat	gtggtcttgt		300

<210> 1956  
 <211> 202  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(202)  
 <223> n = A,T,C or G

cccagtg	ctccttcttc	tccggccaga	cccagccccg	cgaagatggt	ggaccg	cgag	60
caactggtgc	agaaagccccg	gctggccgag	caggcgagc	gctacgacga	catggccgtg		120
gccatgaaga	acgtgacaga	gctgaatgag	ccactgtcga	atgaggaacc	gaatccttct		180
gtctgtggcc	tacaan	atcg	tt				202

<210> 1957  
 <211> 218  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(218)  
 <223> n = A,T,C or G

<400> 1957

ggcagctcca	agtggaatcc	a	cagct	tctagtctgg	gaaagtcacc	c	tagca	60
gttgtcatgt	gggtaacctc	agg	acctct	aagcctgtcc	tggaagaagg	acc	agcagcc	120
cctccagaac	tctgcccagg	acagcaggtg	cctgctggct	ctgggtttgg	aagttggggt			180
gggtaagggg	ngactgngct	acnncatann	ntttttat					218

<210> 1958  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

ggatatgtgta	gcggcagtg	ccgcccggcg	agcagtctga	gcccagacgat	gaggccgggg	60
acgggagctg	agcgtggagg	cctcatgggt	agtgaatgg	agagccatcc	tccctcgag	120
ggctcctgggg	acggggagcg	gagattgtcc	ggctcaagcc	tctgctccgg	ctcttgggtc	180
tctgctgacg	gcttcctgag	gagacggccc	tgggtaagg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 1959  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

ccggaacaag	gaccaggagg	tgaacttcca	ggagtatgtc	accttcctgg	gggccttggc	60
tttgatctac	aatgaagccc	tcaagggctg	aaaataaata	gggaagatgg	agacaccctc	120
tgggggtcct	ctctgagtca	aatccaatgg	tgggtaattg	tacaataaat	tttttttggg	180
cagatnnaaa	agaaacaaaa	cttgctttac	agatnctgaa	aggcctgnna	caaggccngg	240
naattngggg	antccgtcct	gcattgngca	ngatgctcag	cggcatccct	ggnccaccac	300

<210> 1960  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

agggggcg	cccgtacgcc	gattccatat	gggcgcgggc	gcggagcgcc	gcggggcagc	60
gcggggctgc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcggtg	gagtccatgg	120
tgaagagtct	ggaaagagag	aacatccgga	agatgcaggg	tctcatgttc	cgggtgcagcg	180
ccagctgttg	tgaggacagc	caggcctcca	tgaagcaggt	gcaccagtgc	atcgagcgct	240
gccatgtgcc	tctggctcaa	gccaggctt	tggtcaccag	tgagctggag	aagttccagg	300

<210> 1961  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

cagggccgta	ggcagccatg	gcgcccagcc	ggaatggcat	ggtcttgaag	ccccacttcc	60
acaaggactg	gcagcggcgc	gtggccacgt	ggttcaacca	gccggcccgg	aagatccgca	120
gacgtaaggc	ccggcaagcc	aaggcgcgcc	gcacgcctcc	gcgccccgcg	tcggttccca	180
tccggcccat	ttgcgtcatt	gccccagt				208

<210> 1962  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1962  
 agaaagattt tctttattaa tgaccccaac cgtatttctt tagatacagg agttttgaac 60  
 ttccataatt aggagaaaac cgttatgact gcattatcct gcaactctta cccgtaatat 120  
 attgcaaagc gaaacagctt ggaaaagagg gtgggagaaa agggaggtga gggagggaag 180  
 ataaagaaaa ggaattaagt tgatcaagt gaattctttt ttttttttaa attntnggna 240  
 nctntnaagn ttttgnann ccanntngtt nnnngcaaen ntttnccaan cgnntccaaa 300

<210> 1963  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1963  
 aggagaagga gaaagcacat gaaggagcaa gacccatgag agccatcttc ctggccgatg 60  
 gcaatgtctt caccactggg ttcagccgca tgagcgagcg gcagctggct ctctggaatc 120  
 cgaaaaatat gcaggaacca attgctcttc atgagatgga cactagcaat ggggtgttgc 180  
 tgcttttcta tgaccctgac accagcatca tttacttatg tggaaagggg gacagcagta 240  
 ttcgctattt tgagatcacg gatgaatccc cgtacgtcca ctacctcaac acattcagca 300

<210> 1964  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1964  
 gagaactagt caataaggaa caggatcaac ggccactcca cccagtggca aatccacatg 60  
 cagaaatctc caccaagggt ccagcctcca aagtgaaga cgccgtggaa cagcaagggg 120  
 aggtgaagaa gaataaaaga gaaagaaagg aagaacggca gaagaaaagg aaaagagaaa 180  
 agaaagaact aaagttagaa aaccaccagg aaaactcaag gaatcagaag cctaagaagc 240  
 gcaaaaaggg acaggagggt gaccttgagg ctggtgggga ggaagtcctt gaggccaatg 300

<210> 1965  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1965  
 acaggttccc atagctacag aggtgctttt caaacttaca cagggaagtg tgacctttta 60  
 agatgtggcc gtgtacttct cctgggagga atgggatctc cttgatgagg ctgagaaaca 120  
 cctgtacttc gatgtgatgc tggagaactt tgcacttacg tctccctgg gttgttggtg 180  
 tggagtggaa catgaggaaa caccttctga acagagaatt tctggagaaa gagtgccaca 240  
 gttcaggact tccaaagaag gttcatcttc ccagaatgcc gactcctgtg aaatatgttg 300

<210> 1966  
 <211> 216  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(216)  
 <223> n = A,T,C or G

<400> 1966  
 ggagaacggg gctgaggagg aagaagaaga aactgccgag gatggagagg aggaagatga 60  
 aggggaagaa gaagatgagg aagaagaaga agaggatgat gaagggcccg cgctgatgag 120  
 agctgccgaa gaggaggatg aagcggatcc caaacggcan aanacagaan atggggcntc 180  
 gngngnagcc cctgncaana ggctgncgnt gggagg 216

<210> 1967  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1967  
 taggcgtgcc taatgggagg tctatataag caatgctcgt ttagggaacc gccattttgc 60  
 ctggggacgt cggagcaagc ttgatttagg tgacactata gaatacaagc tacttgttct 120  
 ttttgcagga tcccatcgat tcgaattcgg cacgagacca ttttattttt tgggccatta 180  
 ccccataccc cttattgctg ccaaaaccac atgggctggg ggccagggct ggatggacag 240  
 acacctcccc ctacccatat ccctcccgtg tgtggttgga aaacctttgt tttttggggt 300

<210> 1968  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1968  
 gcctcagagt ctctgatcaa gcagattcca cgaatcctcg gcccagggtt aaataaggca 60  
 ggaaagttcc cttccctgct cacacacaac gaaaacatgg tggccaaagt ggatgaggtg 120  
 aagtccacaa tcaagttcca aatgaagaag gtgagtggtt ctggcgggtt gctatgggtg 180  
 aagggtgttg caggggtctaa atcttatcca agtctctaaa tatgccagta agagcaccca 240  
 ccaggattga aacttttgga gtaaccctgg tcttggcccg ggtccaagta cctgctcacc 300

<210> 1969  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<400> 1969  
 gtagagacgg ggtttcacca tggtggccag gatggtctca atctcttgac ctctgatct 60  
 gcctgccttg gcctcccaa gtgctgggat tacagggtgt agccaccacg cctggccggc 120  
 ttatttttat ccacagtaaa tcttcagcaa ctctattgtc ccaccagata gtatttttct 180  
 gtaaatagaa tgctgacttc gcctcttct gctgtatgct catccctgca ctgagcacag 240  
 atatgacaag cagtagccat gggggagggt tgggaaagt 279

<210> 1970  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 1970  
 ggagacttaa ttttccaaac agtaagcctt gaaaaaagaa gccaaagtaa tttgtttttc 60  
 aaaattgtat aaaaatcta taaaattttc atcttgacca taatatataa gtttcataag 120  
 ccttttataa cctttataac ctttattaag gagtcagtta gtgcttcaag aaaaccttgt 180  
 taatctgaca caggggccca tttgcg 206

<210> 1971  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1971  
 caggagcctg ccagaagccc atgggggggc aggccgggtg gcttctatct tattttttta 60  
 gagatggggg cttgctgtgt tgcccaggct ggtctcggac tcctgggctc aagcagtcct 120  
 ccctcctcgg cctcccaaag ttctggggct acagggtgtga gccacttctg cccagcatcc 180  
 caggcctgaa cagccttggc aggacccgtc cctagagggg gctctggtgc ctcccttagg 240  
 tgggccttga gctgggtttt aaccaaaccat ccttccaaac tctgtctgcg acctgcttcc 300

<210> 1972  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1972  
 catgttggca tctgcccctc ctcaagagca aaagcaaagt ttgggtgaac ggctgtttcc 60  
 tcttattcaa gccatgcacc ctactcttgc tggtaaaatc actggcatgt tgttgagat 120  
 tgataattca gaacttcttc atatgctcga gcctctagaa ctatagttag tcgtattacg 180  
 tagatccaga catgataaga tacattgatg agtttggaca aaccacaact agaatgcagt 240  
 gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc tttatttcta accattataa 300

<210> 1973  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1973  
 gaaatatact tccttaaagt atggacattc ctaaattccat ctaggaatgt tggatgtatc 60  
 tatctatcta tctatctatc tatctactgt attaagcccc ttctcaaaat tgtagtttca 120  
 gaagtatggg ttgataattc ataatacagt tctttttctt tatgcccaga agtctgtatt 180  
 ctgcacagac ttgcataccc ctagctgcgc taaagttcag aagtttgagc tgccactgaa 240  
 gtattgactg tggagaggcg ggggtttctg tctccaatga ggtgcctttg gtgtcgggaa 300

<210> 1974  
 <211> 181  
 <212> DNA  
 <213> Homo sapiens

<400> 1974  
 gttgagtgc atggctctct tcattctgca aagagggcag cagggaggaa atgagtgaat 60  
 ccaggagtgg cccccctcca cgagggacct ttccagcaca gggtttgatc tgtgtgtatc 120  
 acaggggaga tgggagccat ggaaggttct tgagcaagat gggggtgggg gtggggccca 180  
 c 181

<210> 1975  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1975  
 gcagtctcct gagccagagt gtgctcagac agagtccagc tggtggaag ggacttatgg 60  
 agagaaaaag aaaagcgatg tagaaaaatt gaaaagaggt acagaaacag ctggattggg 120  
 tacagctcgg tgtttgcctt attttgaaca gggtttgaac agttggccac ctttggttgc 180  
 tcaaaacttg gtgattggca caagagtagg ttacagtctg tttgcacatc catttaggtt 240

gcagttcact gtgtacagag a tttag gctgaactta aaacgtgtaa g cagct 300

<210> 1976  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (189)  
 <223> n = A,T,C or G

<400> 1976  
 gtgggttagg ggagccgcat tcgcaaccac aagtaccgca gcctcaacga cctagagaag 60  
 gacgtcatgc tcctgtgccga gaacgcacag accttcaacc tggagggcctt cctgatctat 120  
 gaagactcca tcgtcttgca gtcggtcttn accagnttgc ggnntaaaat ntagaaggan 180  
 gatgacagt 189

<210> 1977  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1977  
 gtaagacatc agaaagtata tgtgagatca ataataattc cgaacatgga gccaaaaaca 60  
 tgtttgctat atctaataca ggaagtaatt tggtagaatc aaagcatttg aatccaggca 120  
 gcatttcagt gcagacatct ttgacaaata gctcacaaat agataagcca atgaagatgg 180  
 agaaagggga aatgtatgga aattctccaa gatttttagg tgccacaaat ttgactatgt 240  
 attctaagat ctcaaactgt cagataaata atctgcatgt gtcttatact aacactgatg 300

<210> 1978  
 <211> 244  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (244)  
 <223> n = A,T,C or G

<400> 1978  
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 ggctgtcatn ctacaaacnn caccnntnc tttgagctnt nantatggna cccagtgnct 180  
 tnntntgnan nacangnga anntgccnt cgnnnaccnn catncnggga nnnccccntt 240  
 tttg 244

<210> 1979  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1979  
 aatcataatg gggaaggcca tccagcctcg cgtcgcgaac gccagcaaga cgtagcccag 60  
 cgcgtcgcc gccatgccgg cgataatggc ctgcttctcg ccgaaacgtt tggtaggggg 120  
 accagtgcg aaggcttgag cgagggcggtg caagcgctca ccgcatcgtg gcacctggca 180  
 agggcatcct ggctgcagat gagtccactg ggagcattgc caagcggctg cagtccattg 240

gcaccgagaa caccgaggag a ggcgt tctaccgcca gctgctgctg a tgcag 300

<210> 1980  
<211> 187  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(187)  
<223> n = A,T,C or G

<400> 1980  
atgataatga aagactctcg aaagttgaaa aagctagaca gctaagagaa caagtgaatg 60  
acctcttttag tcggaaattt ggtgaagcta ttggtatggg ttttcctgtg aaagttccct 120  
acaggaaaat cacaattaac cctggctgtg tggnggntga nggntngctn cctgnnctgn 180  
nngacng 187

<210> 1981  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1981  
ctttctctgg cagtgattcc tgaagggaaa atcatgaaca acacctacta ccaggaatgc 60  
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agctgcctgc ggggaagctct tctgcacctt ctcaacaagg tgggacatgg acacagctca 180  
aaaaggcagt gcctgcctta ctctctctggc ttggaccact cagccttaag cgggacaata 240  
accccttgac acttaaccct gtgttgagct atggggccat ctctagcaga gtcaagtcaa 300

<210> 1982  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1982  
gggggttgggg gtgggaccct gggatggggg gagaagcagc tgtttctgga gagagaaggg 60  
gtcatggtgg cccagactg tagagatttt tatgtgtttg gatacatctg ctgtgtggaa 120  
aaaaaaaaaac tacaaaaacc ctaattttgt acatactgta tttttactat tgaactgtat 180  
tctagtggct gttcatgctc caagacttta gttaccgaga catgaatact atccatgtaa 240  
taagcacttg cctggaataa aatataaaac tgaaataaac ctgcactgaa acctgaaaaa 300

<210> 1983  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1983  
caatgaacta ctctgcagcc tcatttttta aaaaatgaga taggtaagtg tggatataaa 60  
taactgtcca acatatatag ctgagtaaca aaaatagcaa actagaaaac aatgtattat 120  
tccatttggt ctgaaatatg tatgttggtg tgtgtaaata tgtatggttg tatagacagt 180  
tcttttctaa aattttttca tttttaattt ttgtgggtac atactaggtg tatatatttg 240  
tggggtacct gaggtatttt gatacaggca tgcaatgtga aataatcaca tcagcataaa 300

<210> 1984  
<211> 296  
<212> DNA



<213> Homo sapiens

<400> 1984

gcctcatctc	ccactgagca	ggtgccatcc	caggagatgc	cactgttggc	gagaccttcc	60
cctcctgtgc	agtctgtgtc	ccctgctgtg	cccacacctc	cctcgatgtc	tgctgccctg	120
cctttccctg	cagggtggtat	gggaggtggc	atgttctaac	tcctagacta	gtgctttacc	180
tttattaatg	aactgtgaca	ggaagcccaa	ggcagtgttc	ctcaccaata	acttcataga	240
agtcagttgg	agaaaatgaa	gaaaaaggct	ggctgaaaat	cactataacc	atcaat	296

<210> 1985

<211> 246

<212> DNA

<213> Homo sapiens

<400> 1985

cacaggcttt	ggttcagaat	ataggtcagc	caaccaggcg	gtctcctcag	cctgtaggtc	60
agcaggctaa	caatagccca	ccagtggctc	aggcatcagt	agggcaacag	acacagccat	120
tgctccacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggca	gctcagccaa	180
cccgtgggt	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
atggag						246

<210> 1986

<211> 175

<212> DNA

<213> Homo sapiens

<400> 1986

ccgtcttcgc	caaggccccg	cccagacctc	gttgtttctc	ccctgaatgt	gtagaacctt	60
cctttgaaat	ttcttaatcg	gtgcattgag	gtttccacat	ctttttccaa	gcagtgcgcc	120
acttcatgga	tttatagcta	tagtctatgc	agtcgttacc	tctttttttt	ttttt	175

<210> 1987

<211> 208

<212> DNA

<213> Homo sapiens

<400> 1987

agccgatgtc	cagaaacgag	tgtagagaa	gacgaagcag	ttcatcgaca	gcaaccccaa	60
ccagcctctt	gtcatcctgg	agatggagag	cggcgcctca	gccaaaggccc	tgaatgaagc	120
cttgaagctc	ttcaagatgc	actccctca	gacttctgcc	agcctctaga	actatagtga	180
gtcgtattac	gtagatccag	acatgata				208

<210> 1988

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1988

cccgcgggtg	tgtgggcaca	cgggacctgt	cctggacatc	gactgggtgc	ctcacaacga	60
cgaagtcata	gccagcggct	cggaggactg	cacggatcatg	gtgtggcaga	tcccagagaa	120
cgggctgacc	tccccgctga	cagagccgggt	ggtgggtactg	gaggggcaca	ccaagcgagt	180
gggcatcatc	gcctggcacc	ccacggcccc	aaacgtgctg	ctcagtgcag	gctgcgacaa	240
cgtgggtactc	atctggaatg	tgggcacagc	ggaggagctg	taccgcctgg	acagcctgca	300

<210> 1989

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1989

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tgtnnggtaat	actcnttgnt	catcatgaaa	tgtagtgtaa	nggttggtt	cgcctattga	120
nnnttnaaac	nncangtngt	ttangtnaaa	gnntancaga	tcttaaagat	aatcactgtg	180
agnnnnttag	agtaaaaatt	cgaaaactga	aaaataaggc	tagtgtacta	caaaaagagac	240
tatctgaaaa	agaagaaata	aaatcgtagt	taaagcatgc	aacacttgaa	ttggaaaaag	300

<210> 1990

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1990

gtgagccgag	ccgagatcgc	ggcacggcac	tccagcctgg	gtgacagagt	gagactccgt	60
ctcaataaat	aaataaataa	ataaataaat	aaaataaagc	aaggtaatga	aggtgaatgt	120
gcttagtatg	tggccagata	cagagtaggt	gctctgtaat	attagttaca	gtgattgcct	180
gctaggagtg	taggctggtg	ctaaaacatg	acccaggtct	agaaagacac	acaatccacc	240
cctaactcct	ttctctgtct	gccactcctt	atccccagga	ttacttgttc	ttttatgact	300

<210> 1991

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1991

gtaagcaatg	tgggaaagcc	ttcagatctg	cctcaatcct	tcaaatgcat	gctgggactc	60
accctgaaga	gaagccctac	gagtgtgaagc	aatgtgggaa	agccttcaga	tctgccccac	120
accttcgaat	ccatggtaga	actcacactg	gagagaaacc	ctatgagtgt	aaggaatgtg	180
ggaaagcctt	catatctgcc	aagaaccttc	gaattcatga	aaggacacaa	acacacgtaa	240
gaatgcactc	tgtataaaga	ccttataaat	gtaagatatg	tgggaaaggc	ttttattctg	300

<210> 1992

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1992

gtgacacaga	gacagagaaa	cctccccccac	ccagggaagc	agctctgcag	agttggcagg	60
atcaggggct	agtctgaacc	cctagcacag	aacactcacc	tcacggaaga	gtggccagaa	120
tgttttccac	ataggtcctg	gtcctcactt	ctcctcactg	agcagggctg	cccaacgtgg	180
gacttctgca	caaccatcct	gcccctgcct	gaccacttca	atcagaggca	gcctggcagt	240
taaaggaaca	cccacacaca	gaggtgaaaa	agaaccaatt	caagaactcc	agcaacacaa	300

<210> 1993

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1993

gccaccacca	ccaccagccc	cacaaaatgg	acctcaaggc	ctacgaacag	gtgatgcact	60
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accccggtta	cggttccccc	atgggca	gcttggccat	gggcccggtc	acaaaa	120
cgggcctgga	cgctcgcgc	ctggcgcag	atacctcta	ctaccagggg	gtgactccc	180
ggcccattat	gaactcctct	taagaagacg	acggcttcag	gcccggctaa	ctctggcacc	240
ccggatcgag	gacaagtgag	agagcaagtg	ggggtcgaga	ctttggggag	acggtgttgc	300
<210> 1994						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 1994						
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gtggtgtgga	ctgttgctgt	gacccacaaa	agtgtcgga	ccgccagcaa	ggcaaggata	120
gcttgggcac	tgttgaacgg	accaggatt	ccgaaggctc	cttcaaactg	gaggatccta	180
ccgaggtgac	cccaggattg	agcttcttta	atcccgctctg	tgccaccccc	aatagcaaga	240
tcctgaaaga	gatgtgcat	gtggagcagg	tgctgtcaaa	gaagactccc	ccagctccct	300
<210> 1995						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 1995						
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taccaccctc	ctcgccctcg	gtgtcctgga	gaaaggcgga	aggaatgcgg	acctttttga	120
agtgcaggac	gcgccagcct	atcaggggcg	agctcaagag	ggcggggcgg	aagactgcag	180
gaatgaaatg	gattgacaga	ccaaataact	aatgagaggc	ttgattgaga	acctaccgga	240
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<210> 1996						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 1996						
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gataatgaac	atttccttct	gcctcaaggt	acaatcagtt	tatgatcctg	ggagagcaag	120
aagcaaggag	ccagcaagtc	tggacacatt	ccagaggcca	cgaggggttt	tatgtcctga	180
gtcctggatt	ccatccaagc	catgaggggt	tttatgccct	aggcttaggt	tgtagtgcgg	240
cggggcagcc	ttccaccctt	aagcacagaa	cctggtgttc	cataggccac	aagaagtttt	300
<210> 1997						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 1997						
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ggcctgtcag	aattgtcatc	gtcactctg	ttgacttcca	gcagctgaca	ggcaaggccc	120
taggaagctc	ttcagcctcc	tttcttctg	agaggtgctg	ttttccctgg	aaatgttcaa	180
gccctgcaaa	tcgtttctat	agtaacaggt	ctctgtcttt	tttcttatga	tgcagatttt	240
tgaaaagggt	tcttatctaa	atgttcttgg	gatctatggt	cttctacct	gtagctcctt	300
<210> 1998						
<211> 300						
<212> DNA						
<213> Homo sapiens						

<400> 1998  
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gtaccactta gccatcaa atgacatcatc tgttttgcag atggcatttg atgagctgag 120  
aaggcagcgt gcattttcac taaaagaacg tgccattagt ggccctggcta actttttggt 180  
gagtgaagct ttatcaa atg ccttaaaaga tttacagtat gtaaagaagc agatattcac 240  
aaacacagtt gctaggtttg ctgcagatct tgctgaagag cttgtttttg aaggcatcat 300

<210> 1999  
<211> 290  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (290)  
<223> n = A,T,C or G

<400> 1999  
gggggacatc atagacaaag agggccgctc tggccagggg agaaggagct gccgtgcgtc 60  
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ccaggagcta agtgcctttt tgtgtgcaac cacttaccct ttctctgaaa aacctgttct 180  
caggaaggat ctgataaact catttactct caaaaaaaaaa aaaaaaaaaac ctggncntt 240  
naaanntntg gggngcctnt tnncgaaann ccaanctnnn taaaaccctt 290

<210> 2000  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2000  
gcagccaatt gggaagagtg acttctgtga gatggctggc tggatgatagg actaagttct 60  
cattgttcaa atagagctgt tcaacatcac tgaaaccttt aagaaaagcc ctgagatcag 120  
ttattcctac aagtttaagt agtagacaga tactatccag ctctaagtct caactgctct 180  
tttatactgt actttttttt tgagacggag ttttgccttt gtagcccagg ctggagtgc 240  
atggcaggat ctcagatcac tgcaacctct gcctcctggg ttcaagcgat tttcctgctt 300

<210> 2001  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2001  
gcgccatgtt aggacgaagg ggaaggagga gaagcgctta aagcggcggg agcgggtgcgg 60  
gagaggggtt ggacccaggg ctgaggcagg cccccccctc cctccgcct cagtggatca 120  
tgcccagggc ggcagcggcg gcggttgcgg gggggaagtg actgggcggg gccggcgccg 180  
gagacgatgc cgtttccagt tacaacacag ggatcacaac aaacacaacc gccacagaag 240  
cactatggca ttacttctcc tatcagctta gcagcccca aggagactga ctgcgtactt 300

<210> 2002  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2002  
ccccgacccc gggccacctg ggcccccggg ttccgcgggc actctcgcca ccaccgcgtg 60  
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tccgcttcac catggtggcc ctggtcacgg tctgctgtcc acttgctgcc ttctcttctt 180

gcacccctctg	gtccctgctc	tcttca	aggagacaac	ggccacacac	tgggtgc	240
ccaattacct	gccctcgggtg	agccagcca	tccgcgggga	ggcgccccag	cgctacgtgt	300

<210> 2003

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2003

caccagtggc	tttagggcct	gtcgcttacg	cgatgcgggt	agtattgttc	ccgttgcgca	60
gttgaggaca	cctaggttca	cggctctgagt	aacacctcat	tacaccgaag	cctgggcctg	120
tattcccaga	gctttgggag	gctgaggcga	gaggatcact	tgagcacagg	agttcgagac	180
cagcctggac	aacatagtga	gacccccatc	tctaaataaa	aatagaccaa	cgctaaagcc	240
tgtgtctccag	agcctccagg	caattggatc	agaagtcgca	gctctggtgg	gaggaaggcg	300

<210> 2004

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2004

ttttttttta	gaacgtggtc	ttgtctctat	cctctggaca	ctgcagcgta	cgagtaacaa	60
caggtctttgc	aggctaaata	acttataaac	aaaatttcct	tcctgaggag	ctaggtattc	120
cgatgtatct	tcaacatagt	cctgaagttc	atatggcaat	cgtccttttg	gcttctgaaa	180
tgcagaaggc	catccagatt	tccggccaact	agaggagtct	gaaggaccag	acaattgctc	240
agaaacagaa	ggctgttttag	aattttctaa	attcattaag	ggcaattctg	gtacttttct	300

<210> 2005

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2005

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cagctgggtg	acggtcttcc	taacagagta	cgcggggccc	cttttcatct	acctgctctt	120
ctacttccga	gtgcccttca	tctatggcca	caaatatgac	tttacgtcca	gtcggcatac	180
agtgggtgcac	ctcgctgna	tctgncactc	attccactac	atnaagcacc	cggaataaag	240
cccgnctnnc	ccaatcggaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaac	300

<210> 2006

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2006

gcagaagctg	cccgtgggca	ccacggccac	actgtacttc	cgggacctgg	gggcccagat	60
cagctgggtg	acggtcttcc	taacagagta	cgcggggccc	cttttcatct	acctgctctt	120
ctacttccga	gtgcccttca	tctatggcca	caaatatgac	tttacgtcca	gtcggcatac	180
agtgggtgcac	ctcgctgca	tctgtcactc	attccactac	atcaagcacc	cggaataaag	240
cccgcctgcc	ccagtcggaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	299

<210> 2007

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2007  
 gttcgacgct ttgaaagatg atgacagtgg ggaacatgat cagaatgaag aaaacagcac 60  
 acagaaagat ggtgagaagg aaaaaacgga acgagacaag aatcagagca gtagcaagag 120  
 aaagggtggag cagttcttga ggttttatag ccacatggta cgtcctgggg acctgacagg 180  
 ccacagtgcac ttccatctct tcaaagaagg aattaaaccc atgtgggagg atgatgcaaa 240  
 taaaaatggt ggcaagtgga ttattcggct gcggaagggc ttggcctccc gttgctggga 300

<210> 2008  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2008  
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 gcacatacgg gactcgggtga gcgcggcctg ggacacgtac gacacggacc gcgacggggc 180  
 tgtggggttg gaggagctgc gcaacgccac ctatggccac tacgcgcccg gtgaagaatt 240  
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<210> 2009  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2009  
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 agatgtggta ccaacagggc ttccgaagtc tgggaagacat ccgcagccag gcctccctga 180  
 caaccagca ggccatcggc ctgaagcatt acagtgactt cctggaacgt atgcccaggg 240  
 aggaggctac agagattgag cagacagtc agaaagcagc ccaggccttt aactccgggc 300

<210> 2010  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2010  
 gctacaacca gcgcatgata gagcagctga aggtgcggca gcaacaggaa aaggcgcggc 60  
 tgcccaagat ccagaggagt gagggcaaga cgcgcatggc catgtacaag aagagcctcc 120  
 acatcaacgg cgggggcagc gcagctgagc agcgtgagaa gatcaagcag ttctccagc 180  
 aggaggagaa gaggcagaag tcggagcggc tgcagcaaca gcagaaacac gagaaccaga 240  
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<210> 2011  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2011  
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 ccctttccca ttctgagcc tgatggttgt aagagtggaa ttaactgcc tatccaaaaa 180  
 gacaagacct atagctacct gaataaacta ccagtgaaaa gcgaatatcc ctctataaaa 240

ctggtggtgg agtggcaact t atgac aaaaaccaa gtctcttctg c aaatc 300

<210> 2012

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2012

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acatgcatat	taccagcagg	agaagtgcct	gagacccgag	gacatcctgc	gcttcatgga	180
aacaagattc	tttaaacttc	tgatggaatc	catcaaaaag	aagaataata	aagcatcagc	240
tttcaggaac	gtaaacactc	gaagagctac	acagcgggat	ctggacaacg	ctggggagtt	300

<210> 2013

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2013

gcccgcact	cgtatcccc	ggccctgggc	agccctggag	ctctagccgg	ggccggagtg	60
ggagcggcgg	ggcccttggg	gagacggggg	gcgcaaccgg	gacgacactc	tgtgaccggc	120
tacggggact	gcgcggtggg	cgcccggtac	caggacgagc	taacagcttt	gcttcgcctg	180
acggtgggca	ccggtgggcg	agaagccgga	gcccgcggag	aaccctcggg	gattgagccg	240
tcgggtctgc	aggagccacc	aggtcctttc	gttcgggagg	ccgcccgggc	ccggatgcgg	300

<210> 2014

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2014

gcaacagcaa	aggagatcag	ggatgaatat	gtggagacgc	tgagcaagat	ttacctgtct	60
tactaccgct	cttacctggg	gcggctcatg	aaggtgcagt	atgaggaagt	cgctgagaaa	120
gatgatctaa	tgggtgtgga	agatacagca	aagaaaggat	tcttctcaaa	gccatcgctc	180
cgcagcagga	acaccatttt	cacctagga	acccgcggct	ctgtcatctc	ccccactgaa	240
cttgaggccc	ccatcctggg	gcctcacaca	gcgcagcgcg	gagagcagag	gtatccattt	300

<210> 2015

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2015

gccgcactc	gtatcccccg	gccctgggca	gccctggagc	tctagccggg	gccggagtg	60
gagcggcggg	gcccttggag	agacgggggg	cgcaaccggg	acgacactct	gtgaccggct	120
acggggactg	cgccgtgggc	gcccgggtacc	aggacgagct	aacagctttg	cttcgcctga	180
cggtgggcac	cggtgggcga	gaagccggag	cccgcggaga	accctcgggg	attgagccgt	240
cggtctgca	ggagccacca	ggtcctttcg	ttccggaggc	cgcccgggcc	cggatgcggg	300

<210> 2016

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2016

gctcttctct	gtgcccttta	tccgcacttc	ccagctcaca	gcactgacaa	ccggtatcat	60
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ctccaggctc	tccggcacct	c	tgctg	gccgcggagc	ccaggcttct	a	ctgtg	120
gatgtggaca	caaacacgcc	ctgctatgcc	ctcttagaag	ttacctaca	gggcactcag			180
tggtatgaac	aaacataga	agaattgatg	gctcctaccc	ttcttccaga	actccatctt			240
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<210> 2017								
<211> 300								
<212> DNA								
<213> Homo sapiens								
<400> 2017								
atgacctcca	atgtggccag	cgacgagatc	gcacagcacg	cgctgcagct	gaggcaggaa			60
gcttttgaga	tgagccgtaa	ccgtattgcc	gaaaacctgg	gggatgtcca	gataagtgc			120
aagatcacca	tctcaaagaa	cttcaaggag	aatgtgattc	gccctatcct	gaaagctcac			180
ttccggaggg	atgagtttct	gggacggatc	aatgagatcg	tctacttctt	ccccttctgc			240
cactcggagc	tcatccaact	cgtcaacaag	gaactaaact	tctgggcca	gagagccaag			300
<210> 2018								
<211> 300								
<212> DNA								
<213> Homo sapiens								
<400> 2018								
aagatgcagg	tgaacaggta	gtatcttccc	cagcagatgt	tgctgaaaaa	gctgacagaa			60
ttattacaat	gctgcccacc	agtatcaatg	caatagaagc	ttattccgga	gcaaattgga			120
ttctaaaaaa	agtgaagaag	ggctcattat	taatagattc	cagcactatt	gatcctgcag			180
tttcaaaaga	attggccaaa	gaagttgaga	aaatgggagc	agttttcatg	gatgcccctg			240
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<210> 2019								
<211> 300								
<212> DNA								
<213> Homo sapiens								
<400> 2019								
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gtccttgata	ttcatcaaga	tttagactgg	aatcctaaag	tttctaccct	gaatgtctgg			180
cctctttata	tctgtgatga	tggtgcggtc	atattttata	gggataaaac	agaagaatta			240
atggaattga	cagatgagca	aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag			300
<210> 2020								
<211> 300								
<212> DNA								
<213> Homo sapiens								
<400> 2020								
attgaactct	gaactttgga	aacctgaatc	cttcaggaaa	gagtttggtg	agcaggaagt			60
agacctagtt	aattgtagga	ccaatgaaat	catcacagga	gccacagtag	gagacttctg			120
ggatggattt	gaagatgttc	caaatcgttt	gaaaaatgaa	aaagaacca	tggtgttgaa			180
acttaaggac	tgccaccag	gagaagattt	tagagatatg	atgccttcca	ggtttgatga			240
tctgatggcc	aacattccac	tgcccagagta	cacaaggcga	gatggcaaac	tgaatttggc			300
<210> 2021								
<211> 300								
<212> DNA								
<213> Homo sapiens								



<400> 2021  
aactcctact gttgaataca tccaccca acagaatatt ttgttcatgt taagaaagg 60  
gtatgaatct ccagaaatag ctctaaattg tggaaataatg ttaagagaat gcatcagaca 120  
tgaaccactt gcaaaaaatca ttttgtgggtc ggaacagttt tatgatttct tcagatatgt 180  
cgaaatgtca acatttgaca tagcttcaga tgcatttgcc acattcaagg atttacttac 240  
aagacataaa ttgctcaggg cagaattttt ggaacagcat tatgatagat ttttcagtga 300

<210> 2022  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2022  
tccaaaaaca atggggcccaa ggcaaaccag agccaaagag ttttaacttg aacccttca 60  
gtcaggatga acataaagct ctcaagttct tgaaaggatg agacacaaga ataagatggg 120  
gtaccagtga ccagctcctc tacctggggt catggaggac cgaagaccct ccaaccttga 180  
tgcctgtaag gacaggcgct cctgtaaggg atcaggtgta aagaatctgg ccatagctcc 240  
tgtacaaagc ctctttgtct gaagtacttg ggtgctcttt gacggcagga gggaacacaa 300

<210> 2023  
<211> 296  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(296)  
<223> n = A,T,C or G

<400> 2023  
ctgaggcagg agaatcactt gagcccagga ggtggagggt tcagcgagct gagatcacac 60  
cactgcactc cagccttggg gacagagtga gactctgtct caaaaaaaaa aangggantc 120  
atttgggnnt tnggcaaaaa tnancntagg gantntnca ngacccnaga nggaancnt 180  
gagngntcag nnccannntg gggncctttt nnnnggttnt taaangnncc gnncccttnan 240  
ggngggnncc ncgnttngcn ttgggggggt tnagggngang nctgctttct ttttta 296

<210> 2024  
<211> 253  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(253)  
<223> n = A,T,C or G

<400> 2024  
cacttgaacc cggaagtgg aggttgagc gagccaagag tacaccactg cactccagcc 60  
tgggcaacag agcgagactc cgtcttaaaa aaaaaaaaaa naanccctt ttnanngncn 120  
taatannccn anttngnggc agnnttgnan ngggaaaggc cgtttaaaanc nntaanggtg 180  
gaaaaacnt naaanattnt ccancnacc ccttngatnt tncanacaa aaaannaatc 240  
ccnaaacggg aaa 253

<210> 2025  
<211> 294  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 2025  
 gctacttggg aggctgagac aggagaatcg cttgaaccca ggaggccgag gttgcagtga 60  
 tctgagatcg tgcactccag cctgggggac agagtgcac tccgtctcaa aaaaaaaaaa 120  
 naaaagnncc nntttnggg tnttantttt ttccnaanaa ctgaacntat ttgnacnntt 180  
 nnatntttan aatgnttttt tngtaannta ancncaaaa taattaannn cntttaaang 240  
 cctnnannaa tnncttgatt nnntggcnnn ancnttttn taagggggga tttt 294

<210> 2026  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2026  
 gctactcgaa aggctaagac tggaggatcg cttgagccaa tgagttggag gctgcagtga 60  
 gctataatca cgccactgca ctccagcctg ggctgcaggg tgaggtcctg tctctggaaa 120  
 aaaaaaaaaa ggantaggta aanggnncan aggnnaantt ttnagnnct ngagnctttt 180  
 gnagcccntg nttacccaaa ncnttttngg cctantngna ccntcncaa nagnntttcn 240  
 tgnanthacc aaatttnagg tnttcanaan tngactcctt aagnngncaa ntnggaaata 300

<210> 2027  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 2027  
 ctcagctctt ccggaggctg aggcaggaga atcgcttgaa cccaggaggc agaggttgca 60  
 gtgagccgag gttgcgccac tgcactccag cctgggtgac cgagtaagac tgtctcaaaa 120  
 aaaaaaaaaa aaaaaaaaaa tngcctttng gtnncntnat ttccnaaatt naannaanng 180  
 nccnnttttg gnaagggggg ggnnaaanng naaancctt tnttngtnng ttccttttna 240  
 aaagggnenn tcnccttttn aaanggnent naagncctt ttnanaaatg gtt 293

<210> 2028  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2028  
 atctgttact acttcagaat tgctggttga tgttaggcc ctcctatctg tgctctctca 60  
 gctacagttt cccgtttgag catattcatt cttttttatt tttgctctga acaaaaatat 120  
 tagagttaca atattactat attccaggcc ttgctagaaa ctggggataa atctatgaat 180  
 atggtcgctt ccctggaaga cctcacagtc cagggaagcc aaaccctgca gacatgcagt 240  
 agacttagtg gtctctctta aggttgcttg ttgagttttg acattggaga ttatgtacag 300

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<210> 2029
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2029
gtgagaacgg agatacggga aaacccttgg ctcatggaag catagccaac ataaaccttt      60
taagcaaacc agcgagaggt tccgtcatag tgcaccatca tcagaaacca gggctcctgg      120
tggtccagaa gttgccagag tttatgttac ttcagccact tggtagggaa agcttttgaa      180
atagatcata catgcatttg tttttaatca gagtgcggtg gccatgatgg ggttaattta      240
tactgagcac atggcaccca tatctggggt ttccctcttg gtcagggccc ccattggcca      300

<210> 2030
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 2030
gctcattcca gctggtctat cgtgggcctc agaaggtgaa gagggaccgt attctggggc      60
ccacgataga ccagctgtaa ctcatccag cctgtacctt ggatgagggg tagcctccca      120
ctgcattcca tcctgaatat cctttgcaac tccccaagag tgcttattta agtgctaata      180
cttttaagag aactgcgacg attaattgtg gatctcccc tgcctattgc ctgattgagg      240
ggcaccacta ctccanccn taaggaaang ggggcanttc annngcccca agaggga      297

<210> 2031
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2031
gcgggaatca atctgcactg acaccgcggc aggaactgaa gctgcccagg caagtgagga      60
accaggagcc gtcactgagt gtggctgggc tacatcatag ctcatcacgg agctacgact      120
ttgggtactg cggacagacc tggataggcc cagcattcgt tctgaagatc acagttcaca      180
gaagcttttg cttcgtaaag ataatccaaa ggacctgaga cccgcttttc cttttccctt      240
cattcccttg agagtcagcc ataaacggaa tacctgctag gttccaggaa tgagctcacc      300

<210> 2032
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2032
gccttgaggg aattagacag attttctggt ttgaatagcc aacacatggt tgaagtacta      60
gctgcatga atcaccgatc tcttatactc ctggatgaat gcagtaaggt ggtcctagat      120
aatatccatg ggtgtccttt aagaataatg atcaacatat tgcagtcctg caaagacctc      180
cagtaccata atttggatct cttcaaggga cttgcagatt atgtggctgc aactttcgac      240
atctggaagt tcagaaaagt tctttttatc ctcattttat ttgaaaacct tggctttcga      300

<210> 2033
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 2033
ggcaagtgtc ccctaaaatg cactatcgaat tctgttttct gggccttttc tccaatggtg      60
ctaggagata ccgttgattt ctgcagctct tctcagtggt gggaagaagt ctttgggatt      120
gttgagcaag gggcagctgg accatccact aaattttttt gttcaagaca cattagagac      180
cctcctgtat atctagtaag tcataataaa ggtgcttggt aaagccttaa atttgaagac      240
acatggaggc ggtagaaaat taaacttgta agaggagaaa aacatgccat taggtaacgc      300

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<210> 2034
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 2034
gtgtgcttgg tcttccaccc cagccccaga cactgcttca aatagcacca accagatggg      60
agtccacatc tgtggtggca aaatgctgac attttcccaa gaggtacaca aggtgggaga      120
ggcctgctgt agcagaggtg tgtgttagag aaagcagggg cctgatttag tagcagagaa      180
ctgggtgaga aaaatggcca gagaaagtga cctgccagct accagtgttt ccgaaaatga      240
gggtgggatg ggcccatttg cgtnattccc nacagtcac cccatagccc tctgaggagg      300

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<210> 2035
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 2035
aattttgcca tcttttatca ggctttctgt gtcgaggacg ctaccacat agagtagaag      60
ctaaagggaa gggatgtgaa gtgacctcac cctcagcttc tagctcatgg tgtcaaggct      120
tgtgtgatct tagacacgtc tgcctcttct gagcctgttt cttcatctgt aaaacaggga      180
tgggaggttg tggtaaagat tccacagcaa cactgcacac gcatgaagta cctgggcccag      240
ggatgactcg gcagacctca gtttccctct gcctcctgcc tagagctgtt agcaagcatc      300

```

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<210> 2036
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 2036
aatgtctctt tcaaagacac tcagggctga atcagcctta ggatgctaag caaatcattc      60
cgtaggatag gacacagtca catagaagct acagctggga aaggcagaat tcatagtaga      120
gagtgtctgt ccacctagag gccagcccaa gaggccagag gtggccatcc ccaaaagaga      180
gatggagaga gtatttgctt ttttctctca gatgttttcc caaatcccca ggaagcccag      240
tatctctgcc ttttcagtga agcctctgtc ttctagagta tgcctttccc ttcatttgaa      300

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<210> 2037
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 2037
tcttcattca agttgtagat gaaaaggcag aatggagtgg attcagagcc gtgtgacgtg      60
ccgtcagagg cttcctgttc ttctctctca cttcagcgca aagtgccaga cccaaaaaac      120
aggatttcta cctgtctgtg tgtgtcgtcc ggggctgttt cttcatcttc ccatgtcttg      180

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attttcacca	aaaaaggagg	c	aatac	ttgccttctt	cacttttaca	t	aatac	240
ataaagatta	tgaactaaag	cag	aaagta	cattgccttc	caaggagaaa	gtgttccttg		300

<210> 2038  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2038							
gtaaaacacc	ccctacagtt	ccaattctgg	gcctgtcttc	tatctatctt	tgcccttctg		60
gtccgttccc	tggtctgagc	cccagggaac	ttagggctga	aagtcacccc	cgaagcctca		120
gaccagatcg	ggaggccaca	cgcagctcat	ggggacagag	ggcccagggt	gacggtccac		180
tcatgagaag	tgctatgtga	ctccagggag	tctgtccctc	tccgggctcc	aatccccagc		240
ccaagctcag	atgaccacgc	ctgtgtccct	ttagcggccg	aggagccacc	acctgttcgg		300

<210> 2039  
 <211> 196  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(196)  
 <223> n = A,T,C or G

<400> 2039							
gccaccttct	aagcaagtga	tggcctgggt	ggttcagtag	cctttgcacc	ctgctttaca		60
anngaacttn	gtncactgtt	tnnnaggttn	atanctgagt	nnacacactt	ntgcattnga		120
taaatggtag	tgngattttc	tnngnaangaa	naattntgt	tggnaggnaa	tggcatcana		180
ancttgnana	anaggt						196

<210> 2040  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 2040							
ggaaggcact	ggtccgagaa	caccggattc	actgcgtgct	gtcctcactt	gttctacaat		60
gagtgccaaa	tctgctatca	gcatggaaat	tttngcacct	ctngatgann	ggatgctngn		120
anccnnccna	nagacgnann	cnatctcaan	agctccctng	aatngntttg	cctnnncnng		180
tncannantn	ccnctaacag	aggacctggc	ncaccttanc	ngnnacattc	aatgactnn		240
angacatcan	catcacannc	tncagttggc	acttatctgn	gtaact			286

<210> 2041  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2041							
ctcagccacc	gtctccttac	ctgactcctc	tgggaaagag	tttccctagg	ttaagccata		60
cagggatagg	gtaggagatg	ccatttggat	ctaggagcag	agggcagagc	ctcagcagga		120
agagtgtctc	tttgagaagg	agacacagtg	gagcagggtg	gtaggttcac	agggccagct		180

atgggtagag	tcggtgtac	a	tagaa	gccacaattc	ccaaaaatct	c	ctata	240
acatcagtgc	acagagccag	t	atggag	gaggagtggg	tccaggcaat	t	gaagaa	300

<210> 2042

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2042

gcatccgtgg	cctcggcctg	gagagaaacc	aaccagcttt	gctgtctggc	ttgcggttcc	60
gctcctctgt	gagggggg	agattgccc	ttctcctcga	agaatgccgt	tacttgaggc	120
ccaaaatatt	agaagtctta	agaactcagg	acaagcagca	gaaatacatg	caacatgggtg	180
actggaaccc	taaggactct	gcaatatgaa	taattcccta	gagaacacca	tctcctttga	240
agagtacatc	cgagtaaagg	cacggtctgt	cccgcaacac	aggatgaagg	aatttctgga	300

<210> 2043

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2043

gcttggtctg	gggaaagctc	atataagtat	ggattttatt	cctcaactag	taggatacca	60
atactggtat	tgaaacttgg	ggaaaataac	tggagatacc	agtgcagcta	tttaaagctg	120
tagcaagggc	tgcaatcttg	cggagatttt	aaagagaagt	tttaaagttt	ctaatactga	180
tgcctctttt	tggtaaatac	aagttttata	aatcctgccc	tgggatcctg	attccccatt	240
aatcaagatt	tgtcagactt	caccttctat	aattagaaaa	cacagttata	agaacagtca	300

<210> 2044

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2044

gtgcatcaga	gccaggaggt	tccagacttg	tcactgtcac	gtcaatcttg	taactttcca	60
acaggtcctc	cttcccagaa	accaaatacag	atcttctact	tgaagcagta	ccaagcctct	120
ggatagagct	tcgaggggaag	gattttgggg	tcattgggtt	tttccagggg	ggctcgaaaa	180
aagcttccct	tgcagtttga	gtttgaaggc	tgtagctcag	tggcagatca	ggacacctag	240
gaacatttcc	aaggaagtag	ccatttctct	cccagccttg	aaccctgac	tctgggttct	300

<210> 2045

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2045

gcaacctaaa	gtaaatctca	catcttggca	atcgttttta	aatatgatcg	tcccatcttg	60
atgtgctgct	cctgctgtgg	aaggatatcc	tgggttttag	gcaagcatat	gtgttcttta	120
ctatggctcc	agatcccagc	atatttgaag	tcctgagtca	acctgctctc	ctagacaagc	180
agacattaag	tatgtcgctt	gggctcttaa	gtgcgttctc	ctgactttta	cccatctttg	240
tggcagtaaa	tgcatacgtg	tcactgtata	tgcggactag	atacctcagg	tccagcgcc	300

<210> 2046

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2046

ctgatagcga	cgcccgttgt	atgcgct	ctcccccggc	tgcaccttgg	acccgaa	60
gaagcttttt	ttaaactcca	aaaggccgg	gttggcgctg	cagctctggg	attcattcat	120
tcatatagct	cgtattttatt	gagcacctac	catatgcctg	gaacggtgct	agggaaacag	180
cagtgttaaa	caggtgaagt	cctgcccgcga	tgaagtttta	cattgtagtt	caggacacaa	240
taagcagggt	gcagagcctg	aggcctgtga	tcagatgtac	gagagcttaa	cgcgactcca	300

<210> 2047  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2047						
gcggagcttg	cagtgcagcag	agatcgcacc	actgcactcc	agcctgggtg	acagagcgag	60
actccatctc	gaaacaaaca	caaaaaaaag	tatcaaagac	agaaagtga	agttacaagg	120
ctttttaagg	ccttatcttg	gaagtcacag	caacattttat	tttgattcc	attggtcaaa	180
ctcaagtcct	aacaggccta	aggggggtcaa	gtaaaagggtg	ggactcacag	gaagttccat	240
atacattaca	gcttcacttg	cagtacagag	gggaagggaa	atcctactgg	gacagaacct	300

<210> 2048  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2048						
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gaaccaggt	agggagcggg	tgatgttccc	aggcagcctt	ggtgtcggca	ggtctctaaa	240
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<210> 2049  
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 <212> DNA  
 <213> Homo sapiens

<400> 2049						
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gcagtggcag	gcattccattt	cccttcccc	cattctgtca	caggtgccca	tctgcctggc	180
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<210> 2050  
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 <212> DNA  
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<400> 2050						
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ctaagaagaa	ttaagaggaa	aaggaggagg	ttagagtggg	tgcattctgt	cctccggtgt	180
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<210> 2051  
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 <212> DNA

<213> Homo sapiens

<400> 2051

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gcctgtaatc	ccagcacttt	gggtgaccaa	ggcaggagga	tctcttgagg	ccaggagttg	240
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<210> 2052

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2052

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gaataagcct	tccctttctgc	aggtatctca	tctccatctg	tgggaaccag	gtatgaggct	180
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<210> 2053

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2053

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catcctgagt	ttccatggtc	taatgcagtg	ggcttgaaaa	aaaaggggtg	atgcaggatg	180
ctggctggga	ctgtggagtg	cgtgggcagt	aagtcttaag	tgacagtggg	tggagattac	240
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<210> 2054

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 2054

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cctgagaccc	cttgtgaaaa	tgagtttgc	gaaggcagtg	ccttgcttcc	aggcagcgag	180
gctggcgttt	ctgtgcagca	gggggctgca	ngtnttntcn	ttggttgctg	natnagttgt	240
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<210> 2055

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2055

caaaggattg	agagagaaaa	cttggcttta	ttgaaaaggc	ttgaggccgt	gaaaccaaca	60
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<210> 2056
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2056
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<210> 2057
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2057
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<210> 2058
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2058
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<210> 2059
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

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cttcttcgac tagaagaata tacggaaaag annangaacc agaattattca gaaaccagaa    240
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<210> 2060  
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 <212> DNA  
 <213> Homo sapiens

<400> 2060  
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 gacctggggc agttcctggg gcaagaagcc agatgggaga tgagatagaa agtgtttagga 180  
 gttatcctct ttgcctggcc ttgagaataa acttactgtg tgactttggg caagttcctt 240  
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<210> 2061  
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 <212> DNA  
 <213> Homo sapiens

<400> 2061  
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 aggatttaga gtctgggggtg aagtggcggt gatggatggc tggggacgtg gggctgctga 180  
 ctcaatgggtg atacatcaag cagttaatta agggacaagt tatcttctaa gtgggaggta 240  
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<210> 2062  
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 <212> DNA  
 <213> Homo sapiens

<400> 2062  
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 ttgttggtgaa ggatatatct gtaacttgcc actgccccga aatgaaactg atgccacatt 240  
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<210> 2063  
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 <212> DNA  
 <213> Homo sapiens

<400> 2063  
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 cagcttggtt gttggcgaga gtggcaacgt ggggacggaa atgatggaca ataggatctg 180  
 gggccctggc ggcttgacc atagcggag gacctccct ataggccaga attttccaat 240  
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<210> 2064  
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 <212> DNA  
 <213> Homo sapiens

<400> 2064  
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 aggctgtttc tggggtatgg gctgcctcgg gttgttgctg ttacaaggaa agaaaagagt 180

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<210> 2065  
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 <212> DNA  
 <213> Homo sapiens

<400> 2065			
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<210> 2066  
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 <213> Homo sapiens

<400> 2066			
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<210> 2067  
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 <212> DNA  
 <213> Homo sapiens

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<210> 2068  
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 <212> DNA  
 <213> Homo sapiens

<400> 2068			
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cctcttgac ttctgtcct caccatctt	tgaccgaaaa ttcaacccta tgttgtagc		240
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<210> 2069  
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 <212> DNA  
 <213> Homo sapiens

<400> 2069

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<210> 2070

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2070

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tgaaaaaaag	ctctaaatgc	ctatttttgtg	tcacataatt	gagatttgct	ttgaaatgtc	180
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<210> 2071

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2071

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<210> 2072

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2072

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gctgaaatgt	gggctcataa	aaatatgtgg	tgcaggtagc	ctatggagat	tggatgtggc	240
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<210> 2073

<211> 300

<212> DNA

<213> Homo sapiens

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<210> 2074

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2074

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<210> 2075

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2075

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<210> 2076

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2076

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<210> 2077

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2077

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<210> 2078

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2078

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 aagtgcagag actttcattg ttcttggtctg aggagaagcg ggagtggctg atggaagcac 180  
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 <213> Homo sapiens

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cagagcagat	atgtttgtgc	g	caaag	aagatgcctc	aaagacaaag	a	gatgc	240
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<210> 2084  
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 <212> DNA  
 <213> Homo sapiens

<400> 2084								
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tgagccacca	tgctcacct	aggggtgttg	gtttttaagt	gaaacatgca	catggtaa			180
attaaaaccg	tctaaaaggc	tggaacctga	aaagcaaggc	tcccttctcc	cacccaatcc			240
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<210> 2085  
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 <212> DNA  
 <213> Homo sapiens

<400> 2085								
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taactgtaat	aattcttcca	tgaatctgga	agtcctttct	ttctttaaga	aacagggctc			240
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 <212> DNA  
 <213> Homo sapiens

<400> 2086								
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tgggacttga	ctaccttgtg	gattgtacta	gaaatgtcag	gtatgggtgac	tgctctgccc			180
accactctaa	atgaaactgt	ccccccacag	tctctgttgc	ccaggtgtcc	tatgtccctc			240
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<210> 2087  
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 <212> DNA  
 <213> Homo sapiens

<400> 2087								
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cagatgagga	aactgaggct	gagagatgtt	cagtaagttg	cacaaagtca	tacaagtggg			180
ggcagagtgt	ggattcagat	cttgccattg	tgcagaaggg	gtgaacaggt	gggttctaga			240
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<210> 2088  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2088

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aagcggcaaa	tggacactca	agaaccaaga	tgatatcaac	ctccatcaag	acagctcgga			180
aaagtaaaag	ggcatcaggg	ctgaggataa	atgattatga	taaccagtgt	gatgttgttt			240
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<210> 2089  
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 <212> DNA  
 <213> Homo sapiens

<400> 2089								
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ctaatatgaa	gaaaggggca	gtgtgatgtg	ccatggagca	tccacaacct	gccatttcag			180
cccagccaac	cttagaaagc	cattgaaaag	agttgttttt	aatggtgttt	ttacatccag			240
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<210> 2090  
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 <212> DNA  
 <213> Homo sapiens

<400> 2090								
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acagactgca	tgctatacgt	tggtaaatgt	taattaaatg	aatatcttct	caggctagct			180
tttttgatcg	ccccaacgcc	ttggctagtt	ttctctcctc	ctgcctcaga	ttgctgtggt			240
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<210> 2091  
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 <212> DNA  
 <213> Homo sapiens

<400> 2091								
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<210> 2092  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

<400> 2092								
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agctgcagcc	ctggangagg	gggcgggtcg	aggctgtgtg	gngattgggg	tctccgcccc			180
cacgccctnc	ccnggcangg	nctggagctg	gncngangcc	aantgccttt	nagtcnnttn			240



&lt;210&gt; 2093

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2093

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gtacctttgg tcagcctcag tctttttggt tttggttttt tttgagactg tgtctcactc      240
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&lt;210&gt; 2094

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2094

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ggccaatggg acccagtgtg agaaattgca cctgtcctgg cagatagaga aggtggaagc      60
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cacggacagg aatgtcgtgt gtcttggcct gagatgtcaa agaaacatgt tggacacacc      180
atggtgacag agcaggagtc tcttaacccc ggcgtgggtt aggctgccgt tctggtggga      240
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&lt;210&gt; 2095

&lt;211&gt; 221

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(221)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2095

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tagcccttgc caccactgc tgcagacca cccactctca gcttagctca aaggctgttc      180
tctaactcat ttctgagaat aattgnangg ctgnagtngc a                          221

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&lt;210&gt; 2096

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2096

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ctagagaatc ccacgggtg agcccaggaa cccacaagtt ctgcaccctc cggatgggta      180
ggcattttga gggcatgagg taggcgttac agtgataaga tacacagggc tctaaaccac      240

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<210> 2097

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2097

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tctggtgttc aacaaacact acttgtggtt gaaaaagtgc tggatttgga aaccagagaa	180
cccctagctg ggtgaccttg agaacaagga gatgatagtc ctcattcctt gcaagggtga	240
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<210> 2098

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2098

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agttaaaagg gaatacgtg tccaagatt ctagaatgaa gagtcaacgt agcccgagtg	180
gcttaaacct cctgtcctta aatgcaagaa atgttttcta tgcagccctg gacaggtgtc	240
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<210> 2099

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2099

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gcttcaactt ctgcttcac aagtcattt tttgttact ctctgtaaaa taatcaactc	180
acgccctcaa gtttctgctg tggagttgag gtgacaatat ttcaacagaa ttgatgccat	240
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<210> 2100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2100

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gccagtgtcc tctaaatatt atcatttatt gtgttattgc agctggggag ggagaaaatg	180
acagcatccc aggggtaaga tttaatcttg aattcatcag gaaaatgacc cctgaacatc	240
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<210> 2101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2101

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gctggagaag gaaataaaca taaaactaaa gatttaaaga ttacttttga tttcacttag 240  
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<210> 2102  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2102  
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gaggaaactt cctccctca gggaccaca cttggggttc ctcgagtgtg tagtccagag 240  
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<210> 2103  
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<212> DNA  
<213> Homo sapiens

<400> 2103  
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<210> 2104  
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<212> DNA  
<213> Homo sapiens

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ccaagtactg taagtaccaa gtctcagcca ggcagcagtg cttcttctag ttctggagtt 180  
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<210> 2105  
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<212> DNA  
<213> Homo sapiens

<400> 2105  
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<210> 2106  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2106  
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<210> 2107

<211> 300

<212> DNA

<213> Homo sapiens

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 cgctgactca tgcaggttga ggttttgtct cattcccagg aatgcttgga ctcccagagg 180  
 cagtgaagcc acacatttta gcagaattac ctcagcagtg tggtagatga tcatgaactt 240  
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<210> 2108

<211> 300

<212> DNA

<213> Homo sapiens

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 aaggctatatt tgttaaggat attgagtagt gcttagaaga tacagtctcc actttgaggg 180  
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<210> 2109

<211> 300

<212> DNA

<213> Homo sapiens

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 aatgtgggaa gggaccagg tgggccttgc cactttggga ttgctgtccc tgaagaaatc 180  
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<210> 2110

<211> 300

<212> DNA

<213> Homo sapiens

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 gcaccatcag tattctagag attagagggc tgtgagagaa ttgtgatagg agggatttac 240  
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<210> 2111

<211> 300

<212> DNA  
<213> Homo sapiens

<400> 2111

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<210> 2112

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2112

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<210> 2113

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2113

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<210> 2114

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2114

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<210> 2115

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2115

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ttcatgcatt	caggcttacc	ttgaggctcc	aagcttattg	gtggcataag	ctctgcagat	240
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<210> 2116  
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 <212> DNA  
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<400> 2116  
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 aagaggagat ggtggagacg gaggtcagc agtgggtcttg aggggtaaag gacttagatg 240  
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<210> 2117  
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 <212> DNA  
 <213> Homo sapiens

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<210> 2118  
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 <212> DNA  
 <213> Homo sapiens

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 caatactcct tctggtgtat tttatccatt atttcacttg ctgggtcgta tttcacagcc 120  
 agctttgaca tgcccgtag gacaggagcc gccgcttcag ttgtcactgc agagccatcg 180  
 tatgtcagtt gcaatttcca tctgaagcta tgtctttgac ttcactttta gcagaaaatt 240  
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<210> 2119  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2119  
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 gagccgggct tgtgtttctc gcacagtctc agccatctgt cagctgcttc aaagggcatt 180  
 caaaagtcca ggttttgatt gtttcttggg ttagtctgag tcgtgtggcc tgccttatcc 240  
 accctggaaa gttctaggca attaataatt atgtggcatt tctgaggttt tgatgccccg 300

<210> 2120  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2120  
 gaagaaagca gatgccatct catctattgg cacatcagga ctgacagaca tgaaaaaatt 60  
 ggccaagtgg gcagcagagt ccaagctcga cccaaatgac cccaacaatg cccctttgat 120  
 gcagcttatc tcggttgcta ccagtgggtga atcctatgtc cctgatttct ttagactgga 180

gcagctgcaa	caggagttaa	a	gtttc	agatcaagaa	ttaaatagat	c	cgatt	240
taggcttctt	catcttagaa	gcc	agaggt	gccagaattc	cgaaattata	ag	agttcc	300

<210> 2121  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2121							
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gctttctcta	aacataagga	agaatcgagg	tgaaatgtga	acctctgcca	gtatagttat		120
tggtgatgct	cttgcattta	gtcataattt	ggaagatggc	aggctgaccc	aatgagcat		180
ttcatcactc	tgcttaattt	acttagagtg	atttgtgaat	cctgtccttg	tacacaggcg		240
tacctcagat	aattcgagtt	ctaattccaga	ccaccgcagt	aaaataagta	ttgcagtaaa		300

<210> 2122  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2122							
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ttcatgggat	atttgacaag	ctgcaaacc	gagggcatgc	tggtgcccga	gggcgcctcc		120
gtgctgacct	cagcatgtgc	agcaagagcc	agggcacagg	ggcggcctgg	cccatttcag		180
gcaggtgctc	tgtgggaggg	tggtgtgttc	cactgacaac	ccagggaggt	cagcaaggag		240
gagccctgag	gtggactcga	aagctgtggg	agctgatggc	cctcctggtc	tctgccacag		300

<210> 2123  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2123							
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cctcatgggc	tggtacccc	acaacttcat	gggcctcttc	tagtggaagc	tgtagcattt		120
ccttgggtgaa	ttcttttccc	tgaggggcaa	gatccatgcc	acacagctct	ctgaccctgt		180
gtgtcacaa	ccttatggtc	catgagcaaa	atggttgcta	gtagtcattt	gggcatttct		240
cttctgtttt	cttatgtgtg	taataagata	tacaaagtcg	ggcttgaaga	ttagaaattg		300

<210> 2124  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 2124							
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aatgttgtat	acatgacctt	ccccgaagg	acacaagtgt	ttctgggtgt	ttccaatggg		120
aatgtgggaa	gggaccagg	tggtccttgc	cactttggga	ttgtgtccc	tgaagaaatc		180
ccttagcctg	atagaaacgt	aattgttggg	agcaatgaac	tgngntgggg	gagaaaacat		240
nacttgggct	ttcntaagct	gnactggctc	accgtgctga	ggt			283

<210> 2125

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2125  
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 aatctgaccc ttgtgccctc tccttttcat ctctcttttg tacaggcctt ctttccttct 120  
 gtgcaaacag acccttgtca tagtcatagt ccatcacgct gttaaatgat ttccagcact 180  
 gctctatgat gtgctgtaat ttcagggagt agttttatct tctacaacat gttgctctgt 240  
 agcacgtgta tttcactact gagtggtagt tctaattggac atattcttaa caaaatagtc 300

<210> 2126  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2126  
 gtgacctgcc agctaccagt gtttccgaaa atgaggggtgg gatgggcca tttgcgtagt 60  
 tggccaacag tcatcccat agccctctga ggaggggagg gatgcttaga gcaggcagtt 120  
 ctgtcagttc tgacgtggca ggtgccattg caacttgtgc ggaggagtct taggaagtgc 180  
 tgtcataatt cataaggtca agagcaacat ctggatgaat gagccacctg aaatgtgtgt 240  
 gggctgagcc acaggaaggg tgagtcctct tgcttgtggt gctttatggt gtgcagggtg 300

<210> 2127  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2127  
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 ccacgataga ccagctgtag ctcatccag cctgtacctt ggatgagggg tagcctcca 120  
 ctgcattcca tcctgaatat cttttgcaac tccccagag tgcttattta agtggttaata 180  
 cttttaagag aactgcgacg attaatgtgt gatctcccc tgcccattgc ctgcttgagg 240  
 ggcaccacta ctccagcca gaaggaaagg ggggcagctc agtggcccca agaggagct 300

<210> 2128  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2128  
 cttgaggact tctttttaat gactttttca gacttgagga ctcttttta aagttgtaga 60  
 ctgttccacc tagatccttc tggtcattct ctactttgtt gtggataaaa attttataat 120  
 aaattaggta atgtttaaaa gtggctttgt attttgtaga ttgcaacaa tgtgtgtatt 180  
 aacctctcct aattccatct actggcaaag cttgatttga tgagaattgg gtcccctgca 240  
 gtaatgtgac tctgaagctg acggattaga gagcttgtgg ttcaggcatg aaccttgtct 300

<210> 2129  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2129  
 tgagtgtgta actcctaaat tagaacactt tggatatctc gaatatacta tgtgtttaaa 60  
 tgaagattac acaatgggac ttaaaaatgc gaggaataat aaaagtgagg aggccataga 120  
 tacagaatcc aggtcfaatg ataattgttt tgccactccc agcccatca tccagcagtt 180  
 ggaaaaaagt gatgccgaat ataccaactc tcctttggta cctacattct gtactcctgg 240



tttgaaaatt ccatctacaa a agcat agctttggta tccacaaatt a ttatc 300

<210> 2130

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2130

gtgatgctgg	tgatcaatgg	actggaagcc	aacagcagag	acttagaccc	aagaagggag	60
cttgaggtac	aagaaaactt	cagggtagac	aggaaggagg	cgtggtgaaa	gtgatgaaag	120
gggagagtag	aaggggtggc	cagggtcaga	cagggagtta	gatttaatcc	ttcagggcac	180
tttcattaca	tcatagctgc	cattttgtct	tttatctgac	tcaataataa	gtcagtaata	240
agtaatgttt	taattaaagg	taaatgcttg	gcaggtaggt	taaacttcat	tgagtcccaa	300

<210> 2131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2131

accaaattgca	cttgtgtata	ttttaagtga	aaagaagaga	ggactcggat	gaccatgctt	60
agttaagggg	gagggtgacc	ttttatatgc	aagttgggaa	atacagagaa	agtgaagggg	120
gaccaaattg	aaaacacatg	aaataagata	agcagagatg	aaaggtggca	ctagaactgt	180
aagaagcatt	tgaacaggca	gaacagtgtc	ggagacttta	ggagaggggt	caagctgcc	240
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<210> 2132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2132

agaaattttt	ctgcattttt	atatgctgaa	actagtttat	atcttgattc	caaaataact	60
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tatgaaagca	gcaaagatag	atagtctcag	aagaagaaga	aatgtataaa	ttttggggag	180
atgctgtgat	aaatagacta	gacttacctt	tgagttccta	gcgataccta	cctgacagct	240
tccagctgga	aaatctgctt	ggcaaggaaa	ggggaatatg	attattgatg	aacttcagc	300

<210> 2133

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2133

gttttgcctt	gttggccaga	ctagttttga	attcctagct	tcaagtgatc	cacctgcctc	60
gacctcacca	tcctagattt	taaaccttga	aattttctag	agctgcctcc	cagtgaactt	120
aacttactgt	gtggatctgc	cttgctgccc	tcacttcttc	atcttctcac	cccgctctca	180
ccacttcctt	gtcttctttt	ggactggctt	gtgtttacaa	cattggatta	gcagttgtaa	240
ggtcagcaat	gaattcccaa	atagcattca	gcacctattt	tcagcccttc	ttaatttttc	300

<210> 2134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2134

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tcatgaaggt	gttaacaagg	ggccact	gggctgtgcg	gagctactga	agtttgc	120
acaagagaag	ggtagggcat	ggtagacatc	aaaactcctg	ggacctcgga	ggtgatcgag	180
cctaacctgg	ggccatttta	cagataggaa	gactgagatg	aagacaggag	aagggccatg	240
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<212> DNA						
<213> Homo sapiens						
<400> 2135						
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ttctgttaat	gcacctctgt	cttaatgtga	agcaacgtat	aagcatgcat	cttaccataa	120
ttgggtgtgca	tgtctgtgta	catgggcaca	aacattttctc	tttcagccct	gtaatcacat	180
ctccaagtaa	tctaagtcaa	aaagagcaaa	atctaagcca	gtggacatgc	tgaggctatc	240
tcagggtctt	ctggaatgat	caaggccaga	aatcccatct	tcatatacat	tttttttttt	300
<210> 2136						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2136						
atctgttcag	ttctggcttg	aaaatgtgtg	tgccatactg	tgaccacagg	gcagcccctc	60
ctcctctact	gtgtcagggtg	gaccaggggtc	acctctgttc	tgcgagctt	tgagattcta	120
ggattctacg	gccggcacga	atggcatggg	agggttctct	gcacgggacg	gcataacggc	180
atgccatcct	tcaggctggc	aggagcctgc	gcagggtgtg	caaaatcttg	aaacagcctg	240
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<210> 2137						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2137						
ggcagttcta	gatcttgtgc	tttaaactct	ggcctgcctt	tcctaattct	cagaccaaca	60
agtagtggtt	tcccattcgt	attgcttata	ataaaatgag	agagtcttct	gtccatcatc	120
tttattgaaa	gttgaaccac	tgtaagcaaa	aataccaagg	agaggctctga	tccactatt	180
gaaataaaaa	gaaccatgag	ggcctgcag	aattcaactg	gaccttgggg	attactcact	240
gaagaaggtt	ttctatcttg	aatgtttatt	gtcttcctac	cccagtctcc	ccaacaagaa	300
<210> 2138						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2138						
ccggcttttag	tttttaatat	atagcttagt	tggtcacatg	gtgcagatgg	cattccttca	60
gtatttcgcg	tgccagttgt	ctcagctaata	agatatcagc	agctggcaag	gaccttggt	120
gcaactgctg	ctgccccctc	atcttcaactg	gcacagggcc	ctacacttag	tcaacaggca	180
gccaaaactt	actgagtga	ggaaccaaag	gcacaacttg	agaactgtct	atgtttgtgt	240
ttatagaaga	ggaacaataa	agtcacgcac	tatctaaata	taatgaataa	caaaaaagaa	300
<210> 2139						
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<212> DNA						
<213> Homo sapiens						

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<400> 2139
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tctgtgtgag ccgcggtgtc atcagccagg tcaccccgct tgcagcacag tcgctgtgct 180
ctgggcatcg gtggagcggg gagctctggt tgtgcacaga gggccagggt tagatgttgt 240
gcacagaagt cagccccacc caggtttaggc tgagccgtct tcctgaacc tgaaatggtt 300

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<210> 2140
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 2140
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tacttaaaac agaagaaaac cacttctggg gcagaaaagc tagaactgat atcacagttc 120
cctctggtgg ctgctatgtg tcaattcgat ctcccttagaa gaaaatagtg tagcctaaaa 180
taggtctttc tttaccacag ttagatccct gcagcaatct acttctcgaa acagaataac 240
cattcaacta tgacagctat cttaaaatca tagactgtaa ataatttgg tcacttctac 300

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<210> 2141
<211> 279
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(279)
<223> n = A,T,C or G

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<400> 2141
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tccagcaatt ctcccttcagg cacatttctt ttgctgaaac ctttttagca ggtccctgga 120
gcactcatga acaaaataaaa aaaaccagaa accctgtaac cctgggtttct attaaagtct 180
agcttggggc tttttttttt tgacaaaggg tcgnaangtc ncccaggctg nagnnggagng 240
gngcagnctn ggntnantgc aanttccacc tcccaggtt 279

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```

<210> 2142
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 2142
gcgacgtgtc tgcgaggcct ttttatacct ccttcccggg agtccggcag ccgctgctgc 60
tgctgctgct gctgctgccg ccgcccgcgc cgccgtccct gcgtccttcg gtctctgctc 120
ccgggacccg ggctccgccg cagccagcca gcatgtcggg gatcaagaag caaaagacgg 180
taggcttcca ggcgcgggct tccctccccg ccaccgcact gcacgcgccg accccaacc 240
cccaattccc cggcacttgg gtcccacct ccccgggagg gggcgtcggg aggaggagta 300

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<210> 2143
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 2143
ggttagcaga gccacaagc accctgggag aaacacacac ttccttggtg gcaaattgga 60
aatcatcact gcttttctgt agacatttag ccgcagattt gattcaaaat cctgttagta 120
ggtggtgact gaaatagttt agtgggggca ggggaacagca agaggtagga ggaaagccat 180

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tcagtaaadc	ccccaaatcc	c	tttgc	cctgctcatt	tgagcaactg	c	attgt	240
caggagaag	tcattcctgt	atg	atgttt	acatcacaaa	taaaatgaag	ctc	agtaga	300

<210> 2144  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2144								
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ccctactcct	gtccagccag	tgtttctcaa	agcgtgctga	tgagcaatgc	aagatgattt			120
catgttatag	ataagaataa	aaaaattggt	ttgtgtttta	ctcaaattag	aaaaaggcaa			180
caattggtat	gtgcgacctg	tggttttgca	gatgatactg	cttaggatgt	tggtacttaa			240
gaaaagggtca	actttttcaa	aatactatta	gtgacatgtg	gacctagtcc	tcctgaagag			300

<210> 2145  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2145								
gccaggctaa	tttttgtatt	tttagtagag	atggggtttc	accatgtctc	aaactcctga			60
cctcaggcga	tccaccacc	tcagcgtccc	aaagtgctgg	gattataggg	gtgagccacc			120
gcacctggcc	tatgagtgg	cttttaatta	ggaacaaatc	taatggaaag	gagagttgac			180
tgaagttggc	ccacaggatt	gtgagctggg	cagtgccttc	atgaaggctt	gccaccttgg			240
gacgccccag	tttactgggg	tgtcttgccg	agtgcagaag	gctttctggc	agctgcctgg			300

<210> 2146  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (282)  
 <223> n = A,T,C or G

<400> 2146								
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gggagagtag	aagggtcacc	tcnncccat	cnnncacctc	tnnctctctn	ccccnctcc			180
ttcctttctn	ctncancnag	ntcccncc	tcnnacntt	cntnctcccc	ntaccccnnc			240
ncntncnnnc	nnnccccanc	nacnggctcg	ccctcnagct	tc				282

<210> 2147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2147								
gattcatctt	cttgttcttt	aaaagtcaaa	aggctttttg	acctttaaat	aactcttaca			60
tctggtcatc	actgttgaaa	tgttctacta	aattttcaga	gtggaaaagt	tttaggctta			120
aaactgactg	gtaaaaatag	aataatttctt	tgtattgatt	tttcagtata	gctgtacagc			180
cagttatcct	tcgttaagtg	tttcgggtatt	aaaactgctc	acatttgtaa	atattgagca			240
gctttattgt	cagaacaaga	atcccttggt	ttcccaatcc	ccaactttta	acattgtaat			300

<210> 2148

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2148  
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 actctgactg gggaaactag gtagatagat gatcatgaag aatctgagga agagcagaag 120  
 tcgtacaggt aagaatgaat gcattcatta atttattcag caaaactgcc tgaagaatac 180  
 catgtgcagc actgcgggac aaaacagggc ttgcattccc aggctgtact cttgtgagga 240  
 caacaagaag gaagtagaga aacacacaag aacaatgcta agatggggaa actccatacg 300

<210> 2149  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2149  
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 aatctatatt tggtttgaa aatatgggtca catagctata ggcattctgc agaaaacatc 120  
 attccttggt aatagtcaaa taacttagga atttaataat aattatacct aactcttatt 180  
 gagtacttaa tatgtaccag gcatatagta tataaatata cctatatagt atataaaaat 240  
 aaattgtaaa attttgtaaa atatataata atttttaatg taaatatatt tatattattt 300

<210> 2150  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2150  
 cttggggcca ggatcctgga gtccttgctt ggggataact tcctggagag ctgctcagtc 60  
 agctataccc ttgggagtct tttgttgagg gagaaataaa tgtcattttg caaagccact 120  
 gatattctgt gggtatcacg gcagttttaga gaggaaggat gggggaaagc tgggttgccg 180  
 tctaggcctt gacacttcct gcctttgtag tgttaggcaa acatggcaac cccagaaaac 240  
 tcagctgcct cagttttaag gcatgcaggg tctttgtgag gaccatataa gccacgtgga 300

<210> 2151  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2151  
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 agagaaccta cgctgagaac tcaccaccag aaaaaatatc tgctttttaa agcacagtgc 120  
 acaatagtag tttttaaaag ctaaaagagc taagttttaa gttaaagaca cgtatgttct 180  
 ttgacacaga tctcctaaaa gtctgacaaa attagaagta ccagcacata aaaatagatg 240  
 cccaagaatg tttattgaaa aaagctgaaa acccatgact atctcaatag gacaatgaca 300

<210> 2152  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2152  
 aggaagagta tggctcctga acctacacag agctctacag tagtcgcac tgcccagcaa 60  
 gtgaagacaa cgaaacttc aaatgctcct gatgtaaatg atgcaattgt gaaactattc 120  
 aatgattttg atgttaagga aacctccat catttagtga tttctcatct agatctacac 180  
 atatgtgatg acattcatgc taaagaaaaa gagtcaaaca gacgtattac tggaggggca 240

atgcaactct cttttacaca g ctata gattattatc cttatcataa a gagat 300

<210> 2153

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2153

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tgccctcccc ttaagatcag gaaaaaggaa	aggatgtctg ctttcaccac ttctgttcaa	180
ggttgtagca gtgagataag caaaataaat	aaaaggcatc cagattgtaa ctgtgctttt	240
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<211> 300

<212> DNA

<213> Homo sapiens

<400> 2154

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aggttaaaaa gcttggtcgg caggtagagg	atggggagag aggttagggc cctgggaaag	180
gtgagagatc agccagagac aggtttccca	gaacagaatg tctggccttt gtggtgagga	240
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<212> DNA

<213> Homo sapiens

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atacaagctg ggccctgaaa gtttaatttc	ctttagtctt atttatgggg cctatgatta	180
acctgctgct ctccatctc ttccctcatc	cctggggccac atgactacca agtccaagga	240
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tgtggctgca cgtaactgga atggaacatg	ccttggttcc cactcagccc cctttaagct	180
acatcctgaa ttccccaaac cactcttctt	cgtacctgtt ctgctgcacc caggtgcctg	240
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<212> DNA

<213> Homo sapiens

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tacatttctg	tcagtctgcc	aaccagcaca	gggcccttat	tagcatggga	gaagggcctg	240
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ttatacaggt	caaggtataa	ttctctatta	ccgtttttac	accagtaagt	cttagataaa	240
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cagatcttgt	ctttgtgata	taggagttat	ggaatgagcc	ctggacagga	tcctaagatc	180
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taagaagcca gatgctaaga tagttgttga tgaattgaaa cttagcctaac tggctccact 180  
gttggagtca tttgctcaaa ctactccaaa cttttgtttg gtctactgaa aacattagtt 240  
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tcatagaagc tcttgagtga cagatttcag cacgattcag ggagagcttg attggcaaga 180  
atctcagtta cttttgtcat tagtttcaat ctgctgcctt gcaaaacccc tccaaacggg 240  
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cgttctgccc ccagggcac cccctgttgt aggcactggc tagggagggg caggcctcct 240  
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ttaattcccc tcatgtagga atgtcacaga gtgtacctt ttgacttagt attttctag 180  
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agggttttgt atttaaaatc ctttttgtcc atatgcttgc gtcattgtana ggttgatga 240  
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ctcaccagct gcattgaagc cccagctgg cagggagact gctgtgaatg gacaggggtga 180  
gctcatcccc ttgaagaaca ttgagggaga attgtcaagt gctattcaca tgaccaagga 240  
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<213> Homo sapiens

<400> 2171

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ctcaccagct	gcattgaagc	ccccagctgg	cagggagact	gctgtgaatg	gacaggggtga	180
gctcatcccc	ttgaagaaca	ttgagggaga	attgtcaagt	gctattcaca	tgaccaagga	240
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<212> DNA

<213> Homo sapiens

<400> 2172

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tacccagggg	aaggtaacta	ttagagacca	tgtgacaaag	tttacttctg	atcagcgcca	180
caagtccaag	aagtcttctc	ctggaactca	agacttgctg	gggattcaaa	caggaatgat	240
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<211> 300

<212> DNA

<213> Homo sapiens

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tggaaggaga	aagagaggaa	gtatcgattt	tacagacgtc	acatcgact	gctaagaaca	180
gacagaaaac	ttgttgtaat	aaccctgaca	cactgtagga	gaactaagga	ggccccctggt	240
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<211> 300

<212> DNA

<213> Homo sapiens

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atgtacaaag	gtgcttatga	aactaaaatt	tgaggaatta	gatacaatga	ctatgcgggt	240
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<211> 300

<212> DNA

<213> Homo sapiens

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gtagctgctc	aaaatctaca	gactactggc	ttaaaacctt	ggtaagtgcc	caggggtgtag	180
tgaaagttct	caataaacgc	cggtggtgg	cgctgctgct	actataagca	acgttaggag	240
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<212> DNA

<213> Homo sapiens

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gttaaaaatg	gtgtaattat	gaaaatctaa	cactcaagat	agtttctaaa	aggaaatcag	180
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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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catgctcggt	tctcattttg	tggttttttag	tagaaaaaca	cagtgtgttc	ttttgcccag	180
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<213> Homo sapiens

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<211> 300

<212> DNA

<213> Homo sapiens

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gagaagcaag	gcaagtacga	aaacaagggg	ctgatgatca	tcgatgagga	agaattcctg	180
ctgatcctca	agctcaaaga	cctcaagaag	cagtaccgca	gcgagtacca	ggacctgcgt	240
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 gacagcgggtg ccagtcagtg ttgccatgga gtccagtaaa gaagacatag agagagctgg 240  
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 <213> Homo sapiens

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 tggctcatgg catcccaaaa taaagggaga atttatgact tgctcaaagt atgcgactgt 180  
 gaggacgtgg gaagttgaaa atccaaagaa gcaaaaaagt gtgtttaaac cacggacgat 240  
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 <213> Homo sapiens

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 cagagatctg gaggtcatcc atggatgcag ccagattctt tctagagcta caaaactgac 180  
 tttctaaaaa gtcagcaaca cagcgtgtaa gaacatttat tgctacacct tattttaaaa 240  
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 <213> Homo sapiens

<400> 2184  
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 ttacttacga gttaccaggg gtgagagata ggatgctgaa gtggtctaga aattaagcta 180  
 ccagtatgg aagggtgac aattcagtga tcgagagcag tgccttagaa cagccaaaac 240  
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<210> 2185  
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 <213> Homo sapiens

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tcttgaccag	ggacacaaaa	ggcctttt	gtccctttat	atcttatagc	tttgggt	240
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 <212> DNA  
 <213> Homo sapiens

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ctttcagctc	tgtttcaaaa	tctagaaaat	gagttcagta	ttacctgttt	aaatttgtga	180
ataacgcatt	gatgtacacc	ctggattccc	taaaactgtc	ttaactgcgt	gagtcagtg	240
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tagttacagc	aaagaaatga	gtaggagacg	gagggaatgg	ccagcagcca	ttgaagaggg	180
agagcaggct	gggcccagg	gggaccaggt	attggcagaa	aggaaagctc	aggggtgtcaa	240
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gtcagtgagg	cctctttcct	cagatgttgt	atcttatcaa	tggcagacat	tttcaacctg	180
aaagacacat	gctcattaca	agacttagta	gtgctctaac	cctgttttca	cttatcagtc	240
caagacgtag	ccgacatcaa	agtattcagc	ttattacaga	attgacttcc	tcaaagtttc	300

<210> 2189  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2189						
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gtgggcttca	ggcatgggtt	gattgggatg	ccagctccgt	tttgctgaga	ttccattggt	120
tctgctttct	accggtgttc	agcccgggtt	aggtggcaaa	acagtgggtg	aaatgttagg	180
cttcacatca	ccgtaccaca	tagacaaaa	tgagagctaa	tatccaggat	gagaatgaac	240
agctcttcta	atcaggctgt	cataaaaaata	aggaagctta	ttttatagaa	gcctttacca	300

<210> 2190  
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 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
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 <223> n = A,T,C or G

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 tgtccttttg caggtctgat cagtaaagat gccataaacc ttaaagccga agcactgctc 120  
 cccactcagg aaccgcttaa ggcttcttgt agtacaaaca tcaataatca ggaaagtcag 180  
 gaactttctg aatccctgaa agatagtgcc accagcaaaa cttttgaaaa gaatgttgta 240  
 cggcagaata aagaaagcat attggaaaag ttctcagtagc gaanagaaat cattaatttg 300

<210> 2191  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2191  
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 actttctgaa aaccacagtc ccaccacagc acagaagcca gtgggggtgac acgaggagca 120  
 ggcctggggt cccccgggtt cctgggtcca agagggggccc gtcgtcctgt gctctggggg 180  
 ggccttggga ttaggagagc ccagctaaac aaccttccca tcaggctcct ggtcacagca 240  
 cgaggcttta acgtcagccg agcctggcaa agaaagtgtc atattatggg gctttaggat 300

<210> 2192  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2192  
 cttccaccag gtactgagta gatagatgca ggcccccaga ggaagctgga ggctggagat 60  
 catgaacaag ctcatctccc ataggagggt gggagggcag cctgaagggt actctgcagt 120  
 tctcttcggc agaatcgga gcagcaggct ggcatttctg catgagctaa gtgaggacaa 180  
 ggagtctagg ttttcagcca ctgcacacag gctctgtggc ctgcgaccgg tcctatcctg 240  
 cttgatgaac taccaggagt gagagctgct ttctgttttg gtagtggggt cctcacattt 300

<210> 2193  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2193  
 ggcagctggt gagtggctct ctgcgcacag tgttcgggac taccctgctc cccatggcct 60  
 gccagcgtct gagtgagagc cagcccaagt tcggccactt cctcgagttc atggatgagt 120  
 tctgccagga gccacagcc agtgactcac aaggctagag ctgtgcatgg gggctgtgtg 180  
 caccaccggg cctgtgcccc agctctcccc gagggctctg tgccctggac cgcacctcaa 240  
 gggtgaccag ccggccacag gcctcagagc tcagctgggc cccacttgct ggccacaagg 300

<210> 2194  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2194  
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 gcatgagctc cagggctgtg aaccagagtc ataccctggc aacagccatc aacactgaag 120  
 aggacctggg gccttgagc agagcttgtg gctgcgggtg ccattttaga tgatgtcatt 180  
 cagctccctg gccatgccct gcttcccacc cacctcacat tgggtggctgc tcttttttct 240

ttgactagaa tcaaaccaaa c ctcta taaataaccc tcagggatct t aagat 300

<210> 2195

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2195

ataaacttcta	aggaaacaaa	ccaccctcac	atgcactatc	tcatttgtat	ttctgtcaat	60
tctgaaaggc	cagcatttgg	ccagtattat	ttgaatctgt	attgtatttt	ttaaccagaa	120
gaatgaaggt	ttatagcttc	attcttttgg	aagaggaggc	tggagaccac	aggttaaatg	180
caggtgcatc	gctcttggcc	ggccctggaa	gggtcccttc	tccctccttt	tacactcgca	240
gacaagcttg	tggatgctca	ataaggacag	ctgccgtttg	gacagagatt	aatcatttat	300

<210> 2196

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2196

ctcctatgcc	ccaaccattg	ggatcatggga	tcccagcatc	cagatcctgg	atcctagact	60
cctatgcccc	aaccactggg	tcatgcgata	cccacccttc	agccactaga	tcccagatcc	120
ccctgtaacc	ataactgttg	atcccttact	tcagcaactc	aagtctgcta	ccctaaccac	180
aagattcaag	attatccaca	ccccagccct	taatccccat	cccccaaate	actggatcct	240
gcagcccccac	atcctaaggt	ggatcccacg	cttccctgtg	ccccctactg	gatcctggac	300

<210> 2197

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2197

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gattgacagt	gagatttcaa	atgggttaaa	gattgctctg	caaagagggt	aactgttgag	120
attgatacag	gctatcttca	acatatgtac	attgctgtat	atgacattta	cctaccattg	180
tgcactctggg	acttctctgat	ggaccacagg	aattcccttt	tcttcccat	ctcttcaga	240
tctttcttct	acttgaaacc	ccttatctac	aaaaatgaat	aaacaacca	atctcatttc	300

<210> 2198

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2198

ggtgtgcggc	tgtaatttga	gctattcggg	aggctgaggc	aggagaatca	cttgaaccca	60
ggagacgaag	gttgcaagtga	cccgagatcg	taccactgca	ctccatcctg	agtgcagag	120
cgaaactcca	tcttggggga	ggaaaaaaaa	gaaagtaata	gggaggcaaa	tcagaatttg	180
tgtgggagta	ccccctagtt	ctggctcttg	ttagtatact	caacctgtca	ggctattctg	240
agagcgaaag	ctcctgcttt	gggctagttt	ccattcagaa	tggtttttga	taggtatgaa	300

<210> 2199

<211> 300

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2199

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gaagttgaat	ttgatgaagt	ggcatctat	ccaagtattt	ggcttttggt	ttgttttgat	180
ttgttttttg	agttggagtc	tcgccctgtc	acacaggctg	gagtgcagcg	gtgcaatctt	240
ggctcactgc	aacctccgtc	acctgggctg	gagcaattcc	cctgcctcag	cctnccaagt	300

<210> 2200

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2200

ttttaccctc	ctataatgca	ttttcttttg	atattctcct	agattctcag	ggatatttcc	60
atattttact	attcatgagt	ttagaagagt	gtttactttc	ctgagttttc	atttccttct	120
ttttcttctg	tcataggtaa	tttacagagc	aatagccac	cagagaggat	accgtaaggg	180
atgtggaaaa	tgagttcctt	tgcgcttata	cagtggaggt	gattttcagt	caatgagcat	240
tcagtatatg	cctgggactc	tggctttatt	ttttagcttt	gtgatgcaa	acccatcaat	300

<210> 2201

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2201

aattccgttg	ctgtcgcaaa	aacagggggc	cacagaagaa	cctgaaaaag	cagatcgggg	60
gaggagagct	gcaatgatct	aaaaatatgt	atatgagcac	tgggtgccaa	ggctgtggaa	120
gatccaatat	ggagatacag	aaaagggcac	ggagcttggc	aaagagaggt	gattgacttt	180
tgaagaacag	aagccaggct	aggatgggag	aagcatgaat	gaatggatga	tgaggagcag	240
ggccccacct	gggctaaatt	gcaaagcagt	gcatgtggag	gccccctttt	cccttgtggc	300

<210> 2202

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2202

acattgttta	aggggaaagc	tgctgtgaga	atattgacag	taggcataaa	cagtgatata	60
ttttactcac	aggtattttg	ggggttgctt	tcattttctt	cagatcagtg	ccacttctgt	120
gctaacggta	agagatagat	agacagatag	gcaatgaagt	gttcaactaa	ttaccttggt	180
ttttagttta	ctaattatta	cattcatcgt	ttttgtgatc	acaaaaacac	aaagaaggag	240
gtctgcctgg	atgggattac	aaagatttag	ccagtttctt	ggtatataac	agaaggtacc	300

<210> 2203

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2203

gtggctgtta	agaaaacaat	ggtaatttct	tttaagggtga	tcatttcatg	ttcctatggg	60
atggatgcat	gtagaccttt	taagaacagt	taatgaagtt	taatctgctt	atgtggagga	120
gaaggtatga	tggaaaggct	tctggcatgc	aacgggagcc	gccctgcttt	ccccgatgt	180
gtctattagg	acatttctgt	gacactgcct	ggcgtctgca	acctgctacg	ttgctcactg	240
atggaaggaa	gaggcctggc	cgtggtagtg	gaaagctgag	ctctgttggt	atatgagagt	300



<210> 2204  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2204  
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 ctttcccagt aagcatcagt tcagaaacaa atttaagtaa agaaatggaa tctgtaatga 120  
 aagatataaa aaataccact cagaagaaat atagagacta tagcaagacc ccggggtcac 180  
 cagacaatga ttttctcttt atgtactctg ttgctagaac caatttagaa cttgaattga 240  
 ttcacgagg aggcaatttg tggtcagggt gtgcaagcac agctggcaaa aggtcttggt 300

<210> 2205  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2205  
 acggagagga agaattcttt gatgccgtca caggctttga ttctgataac ttttctgggg 60  
 aattttcaga ggcaaatcag aaagtcacgg gaatgattga cttagacacc agcaaaaata 120  
 ataggattgg gaaaactggg gagaggccct ctcaagagaa cggaattcag aaacacagga 180  
 catcgctgcc ggctcccatg ttcagcagaa gcgacttcag cgtgtggacc atcctgaaga 240  
 agtgtgttg cctggagctg tccaagatca cgatgccaat cgccttcaac gagcctctga 300

<210> 2206  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2206  
 ctctcatgtg gcagaaaaat gattttccaat attcagcact cacctctctc cccaagaaaa 60  
 acatgtcaaa tgcaagactg tgtgctctta atgacatcta tattaaggga tctgaatttt 120  
 ccatcataaa tgaacatggg agcttaccaa atatcttctg ataagtcatt cagtgtctcag 180  
 gttctatgtt ttttctcctg tagaagagtg aagaaactac acatcaccaa aatattgtaa 240  
 ggctaagtaa taataacggg gactgggaaa atgggaaatg agatagcgtc aaacgtttgt 300

<210> 2207  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2207  
 ctgagatgct gacaaccact gcaggcacca tgaattttta atgtggtggt gattagaagg 60  
 ctggctaggg cctcatttctg tttcattgga ctgctgtgac acttgtttcc ttcattggtat 120  
 ttagacttcc tgggttattt cccaatccag actcatgttc tgtttcatga gtgccattg 180  
 caccatgca cttattgagg tgtgtttgaa agcagaattt aaaaatttga tctcagttat 240  
 tgaacatcct acgctatttc agaaagggt gtttcttaa ttcctgaaaa ggaattcaat 300

<210> 2208  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2208  
 ccccttttca ctttgccagt tggacttatg tctttatttg tcattcaagt ggggcaaagg 60  
 aaatatcctt ttaaaactca ggcaaaactg gtgtttgtct gtatcctgtc agaggaaaca 120  
 aattgaaata gatttactgg aaagtcttac acagttagtt actaagcggg ttgtttgttt 180

tgtttcgaga	cggagtcttg	ctcgcc	ctggctggag	tgcagtgggtg	gctctgc	240
tctctgcaag	ctccacctcc	ctcagc	ccattctcct	gcctcagcct	ctgggtagc	300

<210> 2209

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2209

gaaaagaaaa	aaaaagaatt	taaaattctg	ttttagtggg	gtcatttgaa	cttaagtcta	60
agtttataac	aacctgggt	tccacagcac	aggaggtgag	catgtgttaa	tatttaagat	120
tggcataact	ccctttagg	gcaagtgttc	aggccaaaat	gttcctgagg	cattttgatt	180
cctcctcctg	ctgcccatt	ataccaagcc	cagaaactgt	ctggaatata	ttttagtttc	240
ctgaatgaca	ccaagaagta	gaacagtctt	ttcaaaaatg	tattttaaaa	ataagctgaa	300

<210> 2210

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2210

gcctcccgac	ccccctctc	cccctcccca	cctatcgtea	tgacggcctc	tccggattac	60
ttgggtgggtg	tttttgggat	cactgctggg	gccaccgggg	ccaagctagg	ctcggatgag	120
aaggagttga	tcctgctgtt	ctggaaagtc	gtggatctgg	ccaacaagaa	ggtgggacag	180
ttgcacgaag	tgctagttag	accggatcag	ttggaactga	cggaggactg	caaagaagaa	240
actaaaatag	acgtcgaaa	cctgtcctcg	gcgtcgcagc	tggaccaagc	cctccgacag	300

<210> 2211

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2211

tgcttgcaga	gcatttgcca	ggacttaggg	atatagtgg	agcagaaggc	agataaagtt	60
ccagttcact	cacaggagtt	catattctga	tggaggagac	agaaaataag	ctatagcata	120
tctgtgcttt	gtgaatttgt	cattgctgcc	tattcccgtt	gccttttttt	tacatctgta	180
tttctgtcat	ctctgtccta	cctggctcat	cagggagggtg	cagaaggctg	aagaaagcaa	240
agtccctgag	gactcactgg	aggaatgtgc	catcacttgt	tcaaataagc	acggcccttg	300

<210> 2212

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2212

cctagtagta	ccctgacctc	caggagcccc	tgagctctgg	gaaagccttt	ctgatgatct	60
caagcttgca	gattctgtcc	ctgttctgac	cgggggtcac	agcctagtgg	tagaacagga	120
cctcctgcta	agatgctgga	aggacccttt	gggggagctg	aggcctggct	cccctctccc	180
caggcgcagg	tgacaggcg	tgtgggctgt	ctgcaagcac	agatcctgcc	tcacagcacc	240
attaccacaa	taactgaatc	tgtgtttcct	ggctgctgtt	aattgtgcta	gagatttggg	300

<210> 2213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2213

atgagcccat	gaacttcccc	actcat	tgtcttctat	ttccgtaaca	gtaacc	60
actagtcggg	ctttgcacac	agacttct	ccgtaaatgt	tgactgcagg	gcgaaagaa	120
aggctaaaag	ttcttaggag	aatgtttgcc	tttgcattga	tatgctggcg	atgctaataa	180
gtcccagcta	gacctggcag	tgagtaagtt	caggggtggc	aatttaattt	tcttgctatt	240
agtaaaacaa	acagtaggtg	ggatgggtgg	taagcttaaa	tatctctgac	gcgccattta	300

<210> 2214

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2214

atgaatgtgg	aacttttatt	tttatccatt	attttcaa	at	tggatcaatg	tcctcctgat	60
ctattagatc	taagacctaa	gaggaacct	ccttgttttg	gctagcgggt	acagactttc		120
ttactaaaag	gtgggtgtat	ttcctagaat	agcattttct	gttgagtaga	gatgattttc		180
agcaatgtgg	ctggtcactt	agcttcaaag	taattattga	gtgtgaaagt	aagcagttgt		240
aatacttttt	aaccactgtc	tgtgttctta	ccaaatggaa	aacaacactc	gtcttgaaac		300

<210> 2215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2215

gggatggacc	acacagtctc	ttggaatggt	gacctgtggc	agtgacgaaa	gaagagactc	60
tcccggccga	ggccccagtg	catggagaga	aggaagaaat	caatttccta	attggtacca	120
tatacatcag	atggatggtt	tctagtgtgc	ttccaaaccc	cacctcggtc	gagtgttggg	180
cagcacttct	acatgatcct	atgactcttg	atatggacgc	agtcctgtca	gactttgttc	240
ggtccacggg	ggcagaacct	ggtctggcca	gagacctgct	ggaagcaatg	ttcacagcat	300

<210> 2216

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2216

gcattaggca	gtgttgcaag	tacatatcgg	aatctctttg	gctggctcta	agaaagagtt	60
tgaacttatt	tacctcetta	gccctatgta	acaggtaaga	aactaaaagg	tacagaaaat	120
agagatgttt	gattttttcta	agttgcccc	agctaccgtt	tttaaaaacg	cctgcaagca	180
tgtctaaaac	aggagcctgt	tagctacagt	tgccaaaccg	gtttaacagc	actgcctcca	240
tgtattcttg	gtaagaagga	gctccgagta	cataaattta	tcaaagatca	ctatcccaat	300

<210> 2217

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2217

ctctgaagca	gttttcccta	cgagtggaga	ttttgccatc	ctacattcca	gtgagggttg	60
ctgaaaaaat	cctattttgt	ggagaatctg	tccagatggt	tgagaatcaa	aatgtgaacc	120
tgactagaaa	aggatccatt	ttgaaaaacc	aggaagacac	ttttgctgca	gagctgcacc	180
gtctcaagca	gcagccactc	ttcagcttgg	tggactttga	acaggtgggtg	gatcgcattc	240
gcagcactgt	ggctgagcat	ctctggaagt	tgatggtaga	agaatccgat	ttactgggtc	300

<210> 2218

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2218

gaaaaagaga	tgggtcaggg	aggaaagcca	agatggaaaa	tggatgggaa	tgaatgagga	60
acatgatgtg	ggttgggggtg	tcaattcatg	gttaatacaa	catgtgtggc	tcagtataac	120
cagattgtca	taagaagctc	aggcagctct	ccccctctgt	tgcttggggc	ttttcgagct	180
tacaataaaa	gtggaaagat	gaagaataag	ggcaagcaga	agacacacac	atttgcctgt	240
ttccctcttt	ttgtccagat	tgagtagatg	ggaggcaggg	ctgttaccca	tgatggtgtt	300

<210> 2219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2219

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agattttgcc	atcctacatt	ccagtgaagg	ttgctgaaaa	aatcctatct	gttggagaat	120
ctgtccagat	gtttgagaat	caaaatgtga	acctgactag	aaaaggatcc	attttgaaaa	180
accaggaaga	cacttttgct	gcagagctgc	accgtctcaa	gcagcagcca	ctcttcagct	240
tggtggactt	tgaacaggtg	gtggatcgca	ttcgcagcac	tgtggctgag	catctctgga	300

<210> 2220

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2220

ctcatgaaga	cacccatgca	agtggtggtg	agaaagagga	ctccccata	ccttgctcca	60
gcacggacct	tgctccagca	ccggccctgc	tcagccagat	tttcagaacg	agagggatat	120
tcttatctgt	ggcaaagaat	attctctata	ttctgtatac	atcatttgag	acttaaatgg	180
gtttcaacag	atccattctt	tttgtagatg	taggaaagtt	tgacatatga	ttgttctttg	240
ccaaatagcc	acgttcgcgg	gattcctttt	gatggaaatt	atttattagg	acttaaaaaa	300

<210> 2221

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2221

actggcattc	tgctgtttct	aggaggctcc	gctttgatgg	atggctgggc	agcctgtgct	60
gcatggacca	ccagtgggtg	ttgaggtggt	gaagtgtgtc	cccgttaact	ccactctggg	120
cagtgaactg	aagagggagc	aaagcccagg	aaatgggcct	tcgtggcagt	ggtggaggta	180
gagtgaacca	cagcaaacct	ccccacttgt	ccctgaccat	tcagtagttc	cagaggcagt	240
gagcttgga	tcttagcaag	agagatcttg	gggtgggggtg	tggactttcc	acaaaggcat	300

<210> 2222

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2222

ctagattttcg	gtatcattcc	ctatcctttc	aactctgtta	ttctataaac	atgagctgga	60
gattgtgtct	ctgtctttcc	ctctgtcagt	gcagccagct	tattaaggcc	ctaggtgagc	120
tcccagcttt	cattgttata	actgactaaa	acccttgccct	gttgatatct	gctgagtgtg	180
gaagaattta	agctaataag	gaaggagtgc	accaaatttt	acaaggtcta	aaaacagtta	240
gaatataaac	aagtgatccc	aaggaaggaa	caggatatgg	tttattcagc	tagtctcaaa	300

<210> 2223  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2223  
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 ctggctgtct gcagatacta aagaagagcg ggatctcttg atgcaaaaac tcaatcaagt 120  
 tcttggtgat attcgctctt ggcaacctga tgcttgctac aaacctattg gaaagcctta 180  
 aaccgggaaa tttccatgct atctagaggt ttttgatgtc atcttaagaa acacacttaa 240  
 gagcatcaga tttactgatt gcattgtatg ctttaagtac gaaaggggtt gtgccaatat 300

<210> 2224  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2224  
 ctgatgtatt agctatcttc atatgttttc taacatactt aatatacctta caggcattat 60  
 gtggattcag ggtaaacctc tcagactgtg agcctgagag ttctctctta ggaggctcca 120  
 caccattctg cctgctagat cggggccaga tgagatgaaa gtcaacgctt gagaaagaaa 180  
 accaacaatgc attaaactgaa acaccgtctt cacttggtca tccacagggg atagagcgag 240  
 ttccaagaac caggctagga aatgacacgc taagtttctt atttctagca gctgccaagg 300

<210> 2225  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2225  
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 cacttagcca gttgttttga ccgactaggg agataatcac actgagctga tacaatcgtg 180  
 gtgctaaagt atcataatta ttaaaatatt agtcctatgt gttctcaaca catgtaaagg 240  
 aagagtgacc agattgatct taatcagaaa tgtccagtta catgtcggcc gacagcattg 300

<210> 2226  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2226  
 ctcagccccc cagtttttat gtggacatgt tttcatctct cttggatata tacctaggag 60  
 tggaattgct tgggtgtgtg gcaattctat gtttagcatt cgaagaaatt cattgaatgg 120  
 taagctgaaa agtgacgtgg ttgaatttct gatttcagaa agatcactga tgtgatgaga 180  
 atgaataact ctctggagtg ctaggatgtg ggggcagggg gctagcttag tatattattg 240  
 caaatcttg ccaaagatga gctgatcaaa tgagaggaag catgaactaa gaggggagca 300

<210> 2227  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2227  
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 cttatttaaa aaccttcact tggttaactt tagaaactca agaattataa actcaaattt 120  
 atacttcttg atacacaaac ttaagaacta aagctatctt ctgactcttc tatttgaaaa 180

ggtactaaca cttctttccg tctctc attcttcatt tttgttgga tttggaa	240
tttttgtcta gtctagtaaa aattat tatcacttta atgttttgta gctttttt	300

<210> 2228  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2228	
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agaactgatg ttgaaaatga tgtctactct ggaggcagat tccattttac aggcattaac	120
aaatacatct cctacattat cacagtctcc cactggaaca gatgattcac ttctagggg	180
tttacaagca gcaaaccaaa ccagccagct tattatacag ttatcatctg tcccaatgtt	240
aaatgtttgt ttcaacaaac ttttttccat gcttcaagtc catcatgttc aggtatgact	300

<210> 2229  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2229	
ggacaacatg gcctttgtgg aaatggaggc cttggagccc agagaggggc aggactagct	60
cagggtcaca cagcaggac tcaggaaaaa gaacaagatg agctgagtgc tatggtgtgc	120
aggcgacagg ctcagtccac aggatcccg gctgccccag gtgctctcac ctccttaggc	180
ctgcctgggt catgggtggg gtggtcaata agatctttcc ttggctccag tctctgcctc	240
cagcctcctt gactagccca cctgcttacc tttgggtgga tcccagaaac ctacggtctc	300

<210> 2230  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2230	
cattagtgtg agtgcaggta attgcttcat taggacatat gtattgaagg agggagggca	60
agtctatagc atggtgataa aaacaggcct caccctcttt ctctaccac acaggagcat	120
ctcagcttga cttcagggat ccaggagcca ccagccacc tgtaaacagc ccagattaat	180
cctgggtttc agtgtcatgg gaggaaggaa ggatgacctg gtaaagagca acttacttac	240
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<210> 2231  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2231	
cgtagaaaca ccccaatttc aaagctaatt tatctgttgt ttttaatcac gagtcctctc	60
cttctgcact atcaagtgtc ttctacttcc tgcttaagtc tctgttgctc atttcattaa	120
gacagaagtt tctattattg ttaaatttga actgtatcta tgttataata gtaatggtaa	180
ctcaatccaa aggacctaat aacaggaagt aacatgtctt acatatcagt ttatatttgt	240
ttttttgtag ggacatactg tgatcttggg atacttgtaa ttttttagtt tcctggtcgg	300

<210> 2232  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2232

aggaggtggt	tgatttaaaa	g	cacac	cagttatgcc	ttctttagg	g	gtgag	60
ccagtagagt	ttgcagctgc	atggagagat	gaagcaaac	tctgaacatt	caactgcatt			120
aaaaaaaaat	catgccaaga	gggcctttga	gcaagaaatt	cttgacagatt	tatgacaccc			180
gatgcctgaa	ctctgtgtgt	gacatcagg	ttatggctct	gtaagctctt	aaccctgcag			240
ctgacccagt	cagcttctgg	ctgtactagg	ggttgatgcg	gttcactgtg	gttgtttcta			300

<210> 2233

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2233

gaactagtca	tgccaggtag	taaatcaaag	ggggcagtga	ggatctggtg	cagaaacaac	60
ctgatcaatg	ggacaggaca	gggagctctca	aaatagccat	aactgcatat	aaacatctag	120
tatatgggtta	ccacagtatt	caattcaagg	gggcaaaaata	gagacttttt	aataaatggt	180
gttgggaataa	attatagtta	tttgttcaaa	gagttataat	tttatgcatt	ccttacacca	240
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<210> 2234

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2234

ggaaaacgga	aaaaactcaa	gagtgaaac	taagtgggtg	gtgaaaatgt	cattgtgcct	60
gggtgggtga	agtcattaaa	gtcagagagc	caaaaatacc	taacagagtg	gagcgaaaaa	120
agagccggac	agaacagtga	gaataatata	tactgatgt	aaaaacaact	catatgatgc	180
ttgtaaatgt	ggaaactata	actatccctg	gaggggtata	gagatgagtt	caattaggag	240
ggaaactgag	tgacaggagg	acaaaattgg	aaggagagatt	tttactgtat	aactttgtat	300

<210> 2235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2235

gagaagcaga	gggacaaggt	gtcatccaag	tgacctacct	gcctcagcct	cccaaaattc	60
tccgactaca	ggcatgagcc	actgtgccc	gcctgttatt	gttggtgtgt	cctgctttta	120
tggtgcttct	ttttctttat	ttgtaatagt	ttcccctccc	actcccactg	ttttcttaac	180
atggagaaac	ttttttttta	attgttccca	gtgaatgctg	tctcttccca	tggtgactcc	240
attcacttgc	catgaattga	cttagtgcca	gacctctgtg	ccttcttcat	gtaaccagct	300

<210> 2236

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2236

cccgccacag	tggcctgttt	ctttccttgc	tgctcctgca	gcacagccct	gactcggggg	60
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gccagcgcac	ggtcaggagg	gcatgggtgg	ccagcccgca	aggagccagg	cctcccagca	180
ccccttccct	tgtgtggcct	cctcccacat	gggatctcag	ccggtcctgg	cttcaactaa	240
acaggacgtg	gcaggcgtga	tgccctgcca	attccaggcc	taagccttga	cacagcctgg	300

<210> 2237

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2237

ccaggactca	aaagcagaag	caccagcctg	agttggcgaa	gaagccaccg	agtagacaga	60
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ggaaaggccc	cggtgaggtg	ctgcctcccg	gggacagagc	cgagccaac	agcagccacg	180
ggaaggatgt	gtccagaccg	cctcatgcc	ggaaaactgg	gggcagctcc	cccagacca	240
agtatgacca	gccccctaag	tgtgacatct	caggcaagga	ggccatctct	gccctgtccc	300

<210> 2238

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2238

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gacaaattct	tactttatct	gaatttagaa	gtccttaaaa	tttcattcaa	attcaatttg	120
tagggcattg	aattagtggc	atTTTTctct	gataggtttt	ctgtatctta	tgagaaattt	180
tactatacaa	tcctcgtatg	ttcataggga	gaactgatct	gctttcacta	aatccagagt	240
atgccagaag	atctgaccat	aagatactta	atttctggta	aaattgaaag	tttttttgtt	300

<210> 2239

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2239

caaaaaaaaaag	gcttttccct	gatttccaga	atgtactggg	tggtgtccat	ctggcttgg	60
atggtgtaag	cataaggatt	tattgaatga	agtatgaagt	gtggttttta	tttgaagtca	120
aatatttggc	agttggtgtt	catttattct	ataaactttc	aaaacagatg	acaagtttta	180
aggaaatggg	gcctaatacc	aaatttgggt	gaattaatga	attccaagat	tctttctagc	240
tttttctttt	taaagacagg	gtctcactct	gttgcccagg	ctggagtcca	atggtgcaat	300

<210> 2240

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2240

cagacttgag	ccactgtgcc	caaccggtat	ttaaataattt	gaaggattca	tggttaaact	60
tgatttccat	ccaaggtaaa	attctagaat	ggattattaa	aaggatctta	accaaataga	120
cttggaacaa	taatcagggc	atgtgcacgg	tcctgtcttg	gagtaaagaa	aactatttgt	180
acagaagagt	agagacctaa	tttagcattt	tccggcaatt	tgacattgct	ctagaagttt	240
atgagagaga	aatgcagatt	atgaaattat	ttaaaaaatat	acctcagagg	agcaggggaat	300

<210> 2241

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2241

gcccaggcca	ggcccagcag	agactggagc	agaccagctc	gtccctggca	gctgcactga	60
gagccgcaga	gaagagcatt	ggcaccaagg	agcaagaggg	cacccccagc	gcctccacca	120
agcacattct	ggatgacatc	agcaccatgt	tcgacgccct	ggctgaccag	ctggacgcca	180
tgctggactg	agccctccag	cagtgccccac	tgtgacctgc	cgaagtccac	tgcttttggc	240
ccagcacaga	agaggcccct	gccaccctag	ggacgggcca	agggctggtc	aggctgaagt	300



<210> 2242

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2242

accacacctg gctcatttat ttttattttg tctagagaca gtgtctcact atgttacctg	60
ggctgggtctt gaactcctgg cccctaata tctgtctatc tcaatcaccc aaagtgttgg	120
gattacagat atgagccact gtgcctggcc tatttctgac ttttttctt tttgtatata	180
agaatatata tttcgagaca aattgtggat tataaatgga tgcttattta tctcgactgc	240
ctttcgagacc tttttccccc agccaaccag ttttttctt ctcaaagaag acacagggtga	300

<210> 2243

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2243

atttcaacat actgttgtct aatcatcgtg actcccccaa tttctctttt ttagaggaaa	60
gtattgtaca gatgtatctt gaagattata atcttgggtg attattgcct attctcactt	120
taggaataga tggatagatc ttatgacttg tgttgataaa cgaggtagaa atattgctgt	180
cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata aaccatctaa	240
tgcatgtaac agtgatcagc aaattaataa attagacctc tattcatgct taaattatca	300

<210> 2244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2244

acactgttct aaagggtgtg tgtgaatttt cttttttatt tattaccaca atactgtgaa	60
caaatacaaa tatctttcca gttagtgcac tccctcaaat tgaacttctg gctgcaagga	120
aagctaggaa tgattatggt tttgttagta aggaaaatta tcaaaatgga tattagggtg	180
gctactagca gtcttggcct catgctttca gtaaatagtg tgcacttcag atcatgtggc	240
attggagaaa ggaagaacat gttaataata taacatggtt aggtcatgga gtcttgatta	300

<210> 2245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2245

gtgaaaggag atgaggaaca gtaagagatg aggtcagaaa atgtgtttta ccaaactctt	60
tggagattag cgtctgggga ataaagaatg agctggaggt cttaaatgtc tctgactgg	120
gacaaaaaca gtggttgaga acatgatggg atttttccac atggttgtta ggaaagtgc	180
tatatttgag actgtgaatg tcagcaaagc tgaggaacag gaggtcttcc atggagtaca	240
cagtgcccta gagcatcgct ctttgaaacc cgtttccttt tataatccgtc catagaggcc	300

<210> 2246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2246

gggttgtaaa gcatcattga gataatatct tagatattat tgggtaatat tttgttttat	60
aacagtgatt cagtatatct gaattatgga ttatatggcc atagaactac aagcaaaaag	120
gatacacaaa caaattttgt agttaagaca aatctgttgc actaagatca agaaatgtaa	180

tagatggagg	ccatgtagag	gaaatt	caaagaaatc	gaggtcaaaa	a	ccaat	240
cataacggca	tagggattag	t	caaatt	tggtcacttg	agaataacag	tg	300

<210> 2247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2247

gggtgcttct	gtatatacctg	acaacagtgg	ccagccatta	aagagttttg	agtaggggaa	60
ctggatttgt	ggttttagaa	agatcatttg	gcttctgtgt	gaaagaggcc	aaaaccagga	120
gcagaaagac	cagttaggaa	gctgtgacag	cagttgagag	acgatgttgt	caaagtctgc	180
agcagaacag	aacaggggtg	acccacatg	gacatcatct	ctgctcttca	gtcacctgta	240
gtgcagagtt	ttgaagtagg	tctgagcatg	gaaccgtagt	ggttggaag	gaaatgccat	300

<210> 2248

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2248

gaaatccctc	tcctgaccac	ttgtcagaat	cagaaagtga	ggaagaagaa	aatattagtt	60
acctaaatga	gagttctggg	gaagagtggg	attcctctga	agaagaggac	tctatgggtgc	120
ccaacttatc	gcctcttgag	agtcttgcc	ggcagggttaa	gtgcctttta	aaatattcca	180
caacttggaa	acctttaaat	cctaattcct	ggatgtatca	tgctaaactg	ttggatccaa	240
gcacaccagt	ccatatactt	cgagagatag	gtctaagact	ctcccattgt	tcccattgtg	300

<210> 2249

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2249

aaaaccagta	ctcagaatga	gaaagagaag	gagaaagcaa	atatagtaaa	aatggacatt	60
tggaatatct	gggtgaaagg	ttcttgtatc	ttttctgtaa	gtctaaaatt	atgccaaagat	120
aagtaaaaac	aaaacaccta	ttttcttttt	acagttcttc	ctatttttca	tggatttctg	180
aaaaggcaga	gactagaaga	aacttgttta	gctatctcat	tctgctcatt	taggggctct	240
acttttataa	ttaagatggt	aaaaggaaag	cattttaccc	ataagtaaaa	gaatgcttcc	300

<210> 2250

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2250

acttgatttg	gtaatgaaag	acaaatagct	ttcataacat	gaacatacaa	aaatagatgc	60
tttgctgttg	ttcagttttc	tcaagactta	ctgttttaag	cttgtaaaat	taatgaacag	120
taaaatagca	gaaaatagtg	atacattgga	tgattttaat	agttttatta	gtgagatatt	180
tgaggatatt	gaattactac	aattctttcc	aatcctacaa	gttaaaaatt	ttgttatggt	240
tgctgacttt	ttaatgctgt	ttattctctg	aaggcagttt	tatgatgcat	ttagaaaaaa	300

<210> 2251

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2251

gttaggtgta	gctctaactg	gcttccat	ttaggccag	tttggcagg	aattttgt	60
aggtgatgcc	gtgtacatcc	caattattg	ccttgaaggc	acaggtatga	gaattcacag	120
gtgtccggtc	attccacttt	cagcctgtga	ttgaccagtg	ggggcagggc	tgtgtgagtc	180
tccactttat	agcgcccatc	agactccctt	ctcatggttg	tagcatccat	tgctcatagt	240
tgctagagcc	atgatttcat	taaaggttgt	caagtgatga	ctgtctaatt	tccattttatt	300

<210> 2252

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2252

atagtaaatt	agtcatagaa	aggcaaactc	aaataacttt	gaacacagct	ctttgactat	60
ccacctgtgt	gtaaacaaac	aaaactacaa	agaaattttg	tacttcactt	agttggtagt	120
gatctggtat	agcaattctg	aaaatatatt	ctgtgtattg	taggattaaa	caaataagta	180
aatataatga	tattcttggg	agctgggac	ctcactatga	gagaagaaag	ataaaaaatat	240
ggagtgaagg	aaggcaaaga	agagctccat	gaattggaat	gagagattcc	acagattact	300

<210> 2253

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 2253

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cacccctggg	ggccccctgg	ctccccgtgt	gtcccatggg	tgtccagtag	gcctcccaga	180
tccccagctc	acgccagaca	cagcctgtcc	tccagtccca	ggtggagaac	ctgctccaca	240
gaacctactg	tangtggaag	ancaagagtc	ccttccagtc	catggggnaa	agccct	296

<210> 2254

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2254

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ctggtaattg	gaattattat	tgcataaact	atagtgtctga	ggccccagtc	tttacacttc	120
cattttaataa	cttcacagtt	tcatatcttc	ttgagatact	tactaatttc	aagtcccatc	180
ttggtcacaa	ggagttgtga	attagagaac	aattaatatc	accagttaaa	gaagtttagat	240
tagaaatctg	aaccatccta	aacataagaa	gtacctgcat	cttcagagtc	ttatcccaaa	300

<210> 2255

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2255

gatcacacca	ctccactcca	gcctgggcaa	cgaagtgaga	ccctgtgtca	aaagaaaaga	60
aaaagagaaa	agaaaagaaa	tctgaaggtc	tgacaaccct	tggtcccat	cctcctatga	120
cttggaacct	agtcagagct	gccctcttgt	aacagggtgt	ggccccctca	tttactgtga	180
gtctgcttca	ttccctgcag	cctccttgat	acgaagatgc	agtgacaggc	caggcactgt	240

ggctcatgcc tgtaatccca a ggcga ggcgggcaga ttgcctgagt t agttc 300

<210> 2256

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2256

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gttagaaagt	agtgatccct	aagaacagtt	ggagaaacat	atggtttggt	ctatagctgt	120
aagcggtaat	tttgaagcaa	ttttgaaagc	attctttccc	tttaagaaaa	aaatagtttc	180
ttactgaaat	gacttttttag	gatgtcttga	aaaacgtagt	gaaattcatc	tagaaactta	240
caaggttgat	gctagccatc	acatgcatgc	tgcaatttgc	tgaaatgtct	tgatccaggg	300

<210> 2257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2257

ctgaattcca	acctgggtga	cagagtgagg	ccctgtctca	aaaagagaac	tctcgatgtc	60
actggctttc	catgtaagca	gagcacatca	tgtgagcccc	attcgtggat	gtcagtcagc	120
agaacagaat	cttggaacctg	gagcttgttt	gtcctgtgct	agaggttgga	ggtgtctctg	180
tctttctggt	ggttctctgtc	agttcagggtc	acttagagat	tctgttacat	acaccagctc	240
tgacaggttg	ggggagatga	tcaaccttcc	gcctgcgcct	gttcccttcc	ctgactcatg	300

<210> 2258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2258

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gggaagagga	agtgaagttc	ctttttgatg	gtggttaggt	tgagatgtcc	agtaggcagt	120
tagaaatctg	ggagggccgt	tgagctcatt	agtctagttt	tgggaaacgt	gtgtgggtaa	180
ggtaggggtt	gaggatatca	cccagggtga	caccagcctt	tcaggggcag	aaggggaaccc	240
caccaaggcg	actgaggagt	gagcggatag	tttcaatttc	aaggaggggg	aaagaggagc	300

<210> 2259

<211> 239

<212> DNA

<213> Homo sapiens

<400> 2259

ctttcatggt	atgtccatag	gtgtaaaatg	atggccttaa	tgcttataat	aataaggtag	60
gtttttgtat	gtctaataa	cagagaaatt	tccaaagact	ttttaatctt	tgcttagcat	120
aaggagttaa	gtcagtaact	attacaagga	aaaaatgatc	agttttcatt	tgtcagttct	180
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<210> 2260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2260

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acttattact	tgtgcaatga	a	taataa	ttaaagatga	aagttaagcc	t	accact	180
ttcagagaac	aacgtgacgt	t	gaattt	aaaattttt	cagtagattt	ga	aaaaact	240
tgggttaaaa	tgaagattta	tgctcagaac	tgagattcca	gggtttaagt	ctggttttaa			300

<210> 2261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2261

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ttctacagta	aaaaatgatt	ttatataact	tttggtatat	aagtctcaaa	aagtgtgagt	120
cagaagagat	gaaacattat	attttaaatt	tcatatcaaa	gcttctaata	caacgttgct	180
agagccatgg	cttggaata	aatcaggaaa	aaacctcaa	atacagaatc	agttgtgtta	240
atgcactaga	acttgccttc	tgctttaaag	ccataattaa	tcatttaa	gctggataaa	300

<210> 2262

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2262

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ctgtggcggg	cgcacgaggc	gctggaacg	cagctggagg	gggcgagga	gcagatccgc	120
aggctggaga	gcgaagcacg	aggccgccag	gagcaaacc	aacgagacgt	ggtcgccgtc	180
tccaggaaca	tgcagaaaga	gaaagtcagc	ctgctacggc	aactggagct	gctcagggag	240
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<210> 2263

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2263

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tgcttttgtt	ccccatccac	gtccccccc	gtgctgaagc	tgtttcgtgt	gtccttacag	120
tgtttcctct	gcacttccac	ttgtggttga	taagtggcag	ggggacaata	aatagagttg	180
atgaaagatg	ggcttgggca	gcagtgggcc	caagtgaggc	agaaatgaga	aaaggactcc	240
tggggcagag	gtggagtga	aaagccttga	gcacgagggt	gtgaaatgtg	aacttggtgc	300

<210> 2264

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2264

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cttgctcgag	ccggctcggg	gacgcagaga	ctgcagctgc	catcgaagag	gagatctacc	120
agagcctggt	cctgcggggc	ctgtccctgg	tgggctggta	ccacagccac	ccacacagcc	180
cggcgctgcc	atctctgcag	gacatcgacg	cacagatgga	ctaccagctg	cggctgcagg	240
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<210> 2265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2265  
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atttctagta ataaagcatc ttccgactcc acattcttat ctctgggcag acattttatt 120  
cttaagaatt gtagtgattg ataagaagct aaatggagat gattaacgtg tcaatgatta 180  
ataattataa caacattcaa acacttagaa attatagtat ttcattcagat gtcttttttaa 240  
agaggcattt ctggccagtt gtggtggctg acctttggga ggctgagacg gctggatcac 300

<210> 2266

<211> 300

<212> DNA

<213> Homo sapiens

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tagtttatgg cagggaagat ctgggaagta agcaaaaaga gccttttagtt aggcaacata 120  
gaacaaaata gaggtcacag gttccatgca ctgaagaatg gaattgaaat agagactcca 180  
gggtcataga ctcttggaag gaagactaga gtacattcat gaccctcacc cttaattact 240  
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<210> 2267

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2267  
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cacaggaaac agggatttta cttagagact atttcagtaa ttttgaaatc attgcccaag 180  
attgtagttg gtttgtttat aatgggtagg ttattttatt gtgaatccca aatgtactcc 240  
atcaacattc cattgaataa ttacaaaag caaacagcag gggtttatgt tttctcttct 300

<210> 2268

<211> 300

<212> DNA

<213> Homo sapiens

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ttacaggcat gagccaccac acctggccac agaagggatc atttctaaat agcatagaat 180  
cacaggagat acacctcatg tgacttcacg tttagagtca gcatttgctc ataataaatt 240  
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<210> 2269

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2269  
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gagggggtcc ttgaaaggca aggagcgccg ccagctgcag gccagggagg agccctggtg 120  
gagctcacc cagccccgg cggcctggcc ctggtgagcc cctaccacac ccaccgggcc 180  
ggggaccct tagacctcgt ggcgctcgca gagcaggtgc agaaggctga tgaattcatc 240  
cgagcaaagt ccaccaacaa gctgacagtc atagctgagc aaatccaaca tttgcaagaa 300

<210> 2270

<211> 300

<212> DNA  
 <213> Homo sapiens

<400> 2270  
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 gaagaaatta ataccaagat tgctattctg aaagattaaa cattctttta tacttagatc 180  
 tttcatctgt ttatgtaaca aaccctaaca tacaggctta atgccttgca gatattaact 240  
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<210> 2271

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2271  
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 gctgtgtttt aggacagcta tcctagagct atgtgtgggc agagagtagc aagcaggtta 120  
 gttaggaggc tagggtaaaa aggacagacag gggacacatt tgtcatatgc cctagtgagg 180  
 cacagaatca ggggaacagga ggtctgcagg tttcaggaca ggccagttca gggagaaaag 240  
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<210> 2272

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2272  
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 tagttgagga gaaaaaacct ttagaccatt cattataacg tgccagactg ataaggggaa 180  
 aaccccccat gtcacatgag agaaataaaa cccactgcc a tttctctgtg cctgggtaac 240  
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<210> 2273

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2273  
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 atttttgcag tacgatgtgc ttgaagcact taacatggaa aaaatgatgt cagccatttc 180  
 ctgctggatg gaaagcgcaa gacactctgt ggtatcaaca gaccaggaaa gtgctgagga 240  
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<210> 2274

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2274  
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 tggcattttc cataataact gctgatatca tcaaggtaaa gagagctgct tctcctaact 120  
 acccatgaaa gaatttagct ttttatattt ctacctctcc catatagttt aatctctccc 180  
 cactgcgagt atgactgact ccaaggattt gaagtctgtg ctctaattgg gaattcaatg 240  
 aacaagactt cagtgaatga acttttttag ccatattata taaaatgaaa aaggatctgc 300

<210> 2275  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2275  
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 caagtttttac ataacatgct tttggtatgt attatgactt ttacatttc tacttggatt 120  
 tcctcttcag atctcagttt ccacaaatct gcatccaggt tcagggcctc tgattctgca 180  
 caaatcatat gagccaagtg gattgattac tagacagatc agatccttcc ccagctaata 240  
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<210> 2276  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2276  
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 tgctcggagt gaccagttag attgttccac agcatgtata ttataaaaca aatattaggtc 120  
 agatagctta taatgacttt ttaatatTTa tttattcatt tattttataa taagcagaca 180  
 ttgggacaag aaacttctga aaatatTTat agttctctga aagaagggtgt cttcccttcc 240  
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<210> 2277  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2277  
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 tcccttctc aagaactgtg cctaacatg gagtccattc caaagtcagt accagtgata 180  
 attgagcaat gggatgatag aatgtagatg aggcagttag tggttccagc aaacaaaaaa 240  
 gatggcaagg cagttagaga ccagcagtggt aggaaacagc cagctatatt cattgaaaaa 300

<210> 2278  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2278  
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 ccattcattg gctgtttttt aagtatgatg ttgtaaagtg cagttagaat aaaaagaaca 120  
 gaaaaaaata aagttagggtt tggaggaaga tgggatgcac atgaaaagat aatggcagca 180  
 gtagaggtga ggggaaggagt ggatatgggg gaatgatttt ataaagggtca tgaaactaga 240  
 atctgagtga gggaaaagct ttaaaatata tgtgtctctt ttctagaggg tggataccct 300

<210> 2279  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2279  
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 gtgcacagtt ctgaaataag gagaaaatag tactcacaat ctagttaggg aggcaagact 120  
 aacaagttag ctttaccgtc agtaatatgt agtctgagtc tgtgccatac atatttggat 180



aataggtgaa	tggtggggtg	catgatgg	acaacagtct	gctggaactg	gagatg	240
ccccagcctc	cacagtttgt	caattgggc	cagacagtta	tctgttgcg	gaattcctcc	300

<210> 2280

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2280

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agttgcctta	ggatgacagt	gctgacaccc	agtaggaagt	atccccattt	tatcaggaaa	120
gtcagtcacg	cgtagggatg	gtgaggagac	gcgtagggat	ggtgaggagg	ggagaggagg	180
gagacctgct	ggtgcccttg	caccaggggtg	aggcctgact	cacgctgctt	ccccccacag	240
gccctgcttt	gcttgccctgc	tttttccaga	atcgattttg	caagcttcaa	gattctgttc	300

<210> 2281

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2281

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ctctgggagg	atccccacc	aagaaggcag	taaccttcga	cctcagtgac	atggacagcc	120
tgagcagaga	aagttctgaa	tctttttccc	cgcctcacct	cgactcaacc	ccgagtctca	180
cctcccgcaa	gatccacggg	cttagccact	ccctccggca	gatcagcagc	cagctgagca	240
gtgtcctcag	catcctggac	agcctcaacc	ctcagtcgcc	gtcgtctgct	cctcgccctcc	300

<210> 2282

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2282

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cattgttttg	gacctaaagc	ttgaagaacg	gtttatgtat	ttttctcctt	aagtagcatt	120
gcattgagtg	ttaggttctt	ttcccttttt	ttcattcttg	gtcttcccaa	agcttcttcc	180
cacatttcgt	ttgtgtctgt	ttccaccatt	catagaaacc	ttggaaccac	tctcacagca	240
atgctaggat	gtttcatgga	cctgttaagc	attttgatga	tacaagacat	cctatcaatg	300

<210> 2283

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2283

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ttctgcctgc	caaacaaatt	atattctgaa	gatgcctggt	ttgtaaccct	tgatgtgaat	120
tttttggtgt	ctgaaattta	caaaagaatg	aaattgaaat	tgtaaaacac	taaatgcttt	180
gggtttatatt	tgaagtaatc	tgttacttta	aaatgtcaac	attaggaagc	cataaaacaa	240
gatattatga	aaccagtat	tataaatggt	atctacatct	aaagtatttt	aaaataactt	300

<210> 2284

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2284

caaaaataat	agaaaaaaaa	aatttc	cacaaacccc	cacctaattt	aactcc	60
tgccatcagt	gccaatatac	tgcttttc	ttctgtgat	acattattta	ggactatt	120
cagggccaac	ccctccacct	gcctactaga	ggccatcacc	acttgtttat	tcaagggcac	180
agctccaggt	agttttcctt	ctcttgggga	tcacagttt	ccttctgtct	accaggtcat	240
tcccattagc	atgtttttgc	cgcttttctt	aagagataat	atctcaaccc	taattcctcc	300

<210> 2285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2285

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ctactgtgaa	aaaggtacag	gaacaaaaaa	gagttgccaa	aaataaaaaa	tattattgta	180
aggtaaaaaa	tttcataaat	gggcctaata	gtgggatgga	tataactgaa	aactaagatg	240
gtgatgagga	agacagtcaa	gaataaatat	accaaagtag	caaagaaata	cctgtgcaag	300

<210> 2286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2286

cctaggcgta	gtcattttctt	tattagtcct	tactttattt	ttcaaagtta	cgtaataaat	60
gtctatgttt	ctaagctatc	tttagatttg	taaaagggct	aaaatgttac	ttttaaacat	120
gtttggttta	ttcaaatttg	tttataaatc	tctcctttgt	acccttggt	accaccctc	180
cccactcctc	tgctaaaaac	taagggaaaa	tcctgtcttt	gcccatagct	tcagaatgtt	240
ctgcaatttt	agactttttac	ttttaactga	tcactgttaa	gcaagggagg	aaattttacca	300

<210> 2287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2287

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ttttcactac	ccccgcctgt	ctcaggggat	agcctttgat	aagaatccca	tggagatctc	120
tggaactcta	ttacagtgtg	ttcagatttg	ttagttcata	tgtaaatttc	agagctagag	180
cttcaaaact	agagtattgt	aatctcagga	acataagatt	atccaagaag	cctgaacctt	240
gctcttttca	tgataaatga	catccaaatt	tcctttgtct	aggagataag	catagatccc	300

<210> 2288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2288

acagggtaaag	tgcatgtgac	ggtgtccaag	acgcacagca	gattttcatt	cacaaaaaaaa	60
tctgaccaca	agagctaaac	ggaaatacct	tccgtgtgcc	ttcccaagtc	acagagcaaa	120
cacctcagtt	cccaggggtc	cgcacagtt	ctggtggagg	cggtgactgt	gagcgtgacc	180
agctgggcta	attcgtcctg	acatttagtt	gggacagcta	tagtttccta	cctctatgac	240
cagagagtga	agcgtttcac	tgaagaactg	tggccggcgt	ctccaggaaa	ggaaggagcc	300

<210> 2289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2289

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gatgcttccc	ttttttgggt	ttccccgggc	ttccagctc	ttggagcacc	cttttgtcag	120
cagatgtact	tttgtttcca	gtttttaaat	tctaattaca	gtgtaactca	actaaaatca	180
tggaactggg	gaacataaaa	caaatacatta	gggtaatgga	ggcatagaag	aaagtgaag	240
gaatccagtc	cacctctttg	ctgtactagg	tatggatatg	cctcagctgt	gagtgagggc	300

<210> 2290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2290

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atagaaagt	agggtaatca	ttcttaatat	aattacctaa	gcatagatac	tggttaatatc	120
ttggtatat	ttttttctgg	tcctttgttt	agtctgcatt	gattgtttta	acatcctttt	180
atttgctctc	tgaatgctgt	tttatggttt	atattttcca	tggtttttata	tttttactta	240
ccatgtaata	tatatctttc	catattacct	agtatttgaa	atggtaaatg	gctttataat	300

<210> 2291

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2291

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gtattttcca	gcgaatagaa	tttactgctc	caaaaagctt	ttttggcata	aatcacaata	120
cttacagaaa	tataattgta	tcattgaaaa	aaacaaagct	caccttccta	atgatacatt	180
tcacaaactg	cacattaggg	caattttctta	cttatgagga	ggtacaaaga	aatactctgt	240
caatatagta	taactgctta	tttcaaattg	tatctaggaa	tgaataacta	ctattattta	300

<210> 2292

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2292

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cattttacagt	gctgtgtgca	gtgaacttct	gtagcaccca	aattgtgggt	ttgggaaaaa	180
ccattccacc	ttaaaagaaa	ccaagccttt	ctggcaaaat	tgctgattct	aggttttggg	240
caagaaatgt	acatgctgag	ctggaacatt	gtcataacag	ttagtaagga	ggctgttaaa	300

<210> 2293

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2293

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agatgtagaa	tcagagaact	cgagaggaac	agtatgcttc	atttgagaca	cagccagaga	180
tgagttcaca	ggaaggatgc	tgggtgtaca	tccttaggcc	ttacccacct	acctatttca	240
gtcttctctt	aggggtcccc	atatgctgaa	cccagcctga	agctaaagga	cttaagagcc	300

<210> 2294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2294  
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 aaagacaagg attgtagctt ggactgtgcg ggttcgcccc agaaacctct ctgcgcatct 180  
 gacggaagga ccttcctttc ccgttgtgaa tttcaacgtg ccaagtgcaa agatccccag 240  
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<210> 2295  
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 <212> DNA  
 <213> Homo sapiens

<400> 2295  
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 gattcatata tcaaaaatgc atgattctgg cactaaatca gaatatttgc atatcttacc 120  
 atttacagtg ggttttttaa tttgttttta tgtcatatca ctaatttcta gcaagtagat 180  
 tttctggtgg tgtaactgtt gctaataata gtaaatgttt catagactag ctgaaacaca 240  
 gagtagcttt ttcaccctga atgttgaact atgaaatatt attttgagtt ttaattatag 300

<210> 2296  
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 <212> DNA  
 <213> Homo sapiens

<400> 2296  
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 tttaaaaata gacttttaaa ttttagattta cagaacatt gcaaagatac tgcagagttc 180  
 ctgcctatcc tacactgttt cccatattat taacgtctta catccctgtg atcatttgtc 240  
 tgtattaata aaccagtatt gatacattat cacagagacc atactttatc aggtttccac 300

<210> 2297  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2297  
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 agctggaccc cagcactggc cggcggttct cggagcaca actctgcgcg gacgacgaat 120  
 gcagcatgtt aatgtaccgc ggtgaggctc ttgaagattt cacaggcccg gattgtcggt 180  
 ttgtgaattt taaaaaagg gatcctgtat atgtttacta taaactggca agaggatggc 240  
 ctgaagtttg ggctggaagt aaatgagatg ccacctgtgg tcccaactga caaagattaa 300

<210> 2298  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2298  
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 taataactgt aataattttt atgactttct cttcaatgac agttatcttc ctttacccta 120  
 attccttccc tcctcatcct tcaaatcccc ttcctcatca ttcaaagtct aactcaagct 180

agcctttcct	ccttattttc	ccttattttc	tccaatccgt	atggagattt	ccttttc	240
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<210> 2299  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2299						
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cagcctcctc	tctaaaggg	tgtgacagga	actgtcccac	tgggaggcct	gtggctgtgg	120
agtgcactca	tagcctccac	tgtccgtaaa	gggagccata	caaccagagt	tcgtcctgcc	180
ccaaaccctg	ccactcacia	ccacatatgt	acagtcagat	gccatataac	aggctgcata	240
tgtgatggtc	ccataagatt	acaatgaagc	agaaaaatcc	ctgtcacata	gtgacatcat	300

<210> 2300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2300						
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ctgaggtgac	acgctagtga	cagcccaata	gggggttacc	cttattgagt	aaaatacttc	180
agattgacag	ctcaatctta	gtttgcctcc	agttaatctt	ttatgcttag	ggattaaatg	240
tgtgggtttt	tttttgtttt	tttttttngn	aaacggattn	tcnttttgn	nccaggttg	300

<210> 2301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2301						
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gcactgaata	tttaagttga	gctgagggga	gtgatctaga	ctggacataa	attttgggag	120
tcactagtat	acagatggca	tgtcatggaa	ctgattgaga	ttgtttgtgg	ccttaagatc	180
aagccctgcg	agactggagt	aataaaactc	tgggtctcca	cacagccagc	tctgtgtggg	240
gaaaaaaaag	ccctaaaaca	ctaacaacgg	ctaaagcttg	ggcaaaggag	actgaaaagg	300

<210> 2302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2302						
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cataaaagtg	attattagtc	t	gtgtgc	cttttttct	cctaacaat	g	ctggg	180
agcattttcc	caagtacata	tt	taatac	ttacgngcc	tatctagtat	tc	gtgaata	240
tatactggta	atttattcct	tcccattgac	agacttacct	tgtttccatg	tattgccatt			300

<210> 2303

<211> 263

<212> DNA

<213> Homo sapiens

<400> 2303

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acaagaggta	acttgaagct	gtggacatga	tgatagcttt	tgttgcataa	ttagaatgtg	120
ccaaacactt	tgctaagtgc	ttatgatagc	ttttctcttc	agaacatcac	catgattatt	180
tacagtataa	cctgtatttt	acagatggag	aaatgtacgc	aaaggaaagg	ggcataactt	240
gcctccaggg	tcacatagat	agc				263

<210> 2304

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2304

ataacactga	gaaaggagta	tggtatactt	ggtttgaact	gtgtgctaca	ctaccaggcc	60
ccttccacat	tatactacta	atatttttaa	aatagatagg	tatcacactg	agaggatata	120
aaaaaaattt	ctgcctcttc	atttttgttt	cttgtttgaa	cagaaaaaat	gacaaaaata	180
ttgggagtag	ttctaaggaa	aaggcaacac	acattccagt	taacacttgg	atgtgaaaat	240
atcaatgaat	attagaattt	ataagtcaaa	ctggctctgc	tcgctgattg	caatttttag	300

<210> 2305

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2305

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gtgcattcat	tcatttggtc	atttcaatca	ggaaatatct	gttttagcaca	aacatagata	120
tttattttatc	taagtggaaa	agaatattgt	aattctcagt	gttggttaact	gctcctgaga	180
ttttaaaacg	atacaacatt	ttttcagagc	aagttgttga	tatgtatcaa	aagtcctaaa	240
gacacacctt	tttaccctgc	aattctacag	tcgagtcatc	tttctaaaaa	aaaaaagaat	300

<210> 2306

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2306

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cgaagcaggg	gtgggaacaa	gaaccacaga	tatacttctg	tggtttgtga	agcattgtgt	180
ggagggctgt	gtacacagag	tacctggggc	agttgtcaca	gccactctgt	gtggtagctg	240
ctactgtgcc	catcttagaa	atgagaaggc	tgaaggaccc	acccangcca	cncagccagt	300

<210> 2307  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2307  
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 aacatgagtg gagatataga tgaaagctaa ataagcattc actgtgtcctt atcaagagtg 120  
 actaataagc tgacagcttt atttgagttc tggtaagcaa attaatatca tataaatcat 180  
 tacaatttgg ataaagcaaa acctgttatc aaattttaaaa actgtttaat aattcaacac 240  
 tccagtgggtt tgccttggtt aagcaaaagg attctggcca agatatttta cttcagctct 300

<210> 2308  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2308  
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 caacactttt taatcaattt tttaaaaaag agagagtggg aagaaaccgc ttcctacaac 180  
 agaactgaag agcacaccag tgattacagt gtccagagag gaggggtgcat taacactagt 240  
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<210> 2309  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2309  
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 tttgtgttcc cgcaaggcct agcccttctt aagttttcag taaatatttt gatattagct 120  
 tacctgaagg ttttatattg ttttatattc ctatgattta tcagtctaga atataagcat 180  
 attaagcagt gatgaagtct gaaagtagag aaaacttcag attgtttcaa aatagggtgat 240  
 ttggaagggtg tattttattct gataaagcaa atatatagct gcgatgggaa aatatctaatt 300

<210> 2310  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2310  
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 aatgagactt gtagtcaaga atagattgaa gataccattc tccttggtga gttcaaaaaa 120  
 atctcctctg gtaatactga aacaactaat tttcttattt ttgtttgttc ctctttatta 180  
 ttaaatacta tgtgaattaa ctcttttagta gttggcctgg ttgaagctct gtgaggagca 240  
 aagcagccct ctccaggtga actgcttgac tttaccacct gaaggagtat ttactgcaag 300

<210> 2311  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2311  
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 caaaaagagt cagtttctctg ttttctcaat ttctcagttt aaaattagag ccctatggca 120  
 ggtgccatgt acagctgcaa aggtggcaag aagccctgag aaagctcaag aagcaggtca 180

agggggtggg	taaggaagat	ggttc	agcagaaaca	aaaagaggag	agtg	240
aagccacccc	gccaccagcc	ctaccagtc	acaggtggaa	ttaaagaaat	ctggcaaaaa	300

<210> 2312

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2312

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gaaaggctct	cagtga	ggattagaa	ttatttctga	attatcagtc	tctcatttgt	120
gctttggaga	agcagaaaag	gcaaaagggg	tctttggcca	tcttctgctg	gagcttccag	180
ggaggatgtg	tctccaagag	accagatgta	ccgagtttga	aatcccagaa	gccaagagg	240
aaaagaatca	cagggaggaa	aagactgtcc	aaaggctcct	ggagtcttct	gttctctaac	300

<210> 2313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2313

agcataagaa	agctggaaaa	taacctataa	ataatggcaa	aaaaaaagca	aacaatagga	60
agaggaacta	tataaaagga	acatttggag	catagaagag	agttcatgga	aatgtaaaaa	120
atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	agggtaagag	ggatcatgaa	180
gcatctagaa	gtaggaggga	aagccagtc	aattcacagg	atgaagtcag	gaagataata	240
gagcagtgcc	cgcaagatcc	tgagggaag	caagttccaa	tctataagtc	tgtaaccctc	300

<210> 2314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2314

attagatact	atagtaggtt	aataatgact	aacaccttgt	catctcatca	ctgagctttt	60
gtctaagata	gtctctgaat	ttagaactgg	gacgaaagt	tacataatag	gctattataa	120
aattttttaga	attggatttc	taaacttggg	gtcagtgaat	ctagcaggct	taagcagtg	180
tctcaggttt	ttctggcaca	gacaaggaat	ataagaggag	gagagaaaag	gagagacagt	240
agtgggagg	aatagaatga	gagaagatag	aaaatatgga	attaatagag	aaaggatata	300

<210> 2315

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2315

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agaggaacta	tataaaagga	acatttggag	catagaagag	agttcatgga	aatgtaaaaa	120
atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	aggggtaaga	gggtcatgaa	180
agcatctaca	antaggagg	aaagccagtc	aaattcacag	gatgaagtcn	ggaanatant	240
agancagtc	ccgcaagatc	ctgagggaaa	gcaagttccn	atctannnct	ctgtaaccct	300

<210> 2316



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2316  
 taacagtcct atattgttac ctgggcaagt taaatagtcc taattgtccc tgagttgtta 60  
 gagaatgttt gtgaaccact cagcacagac cttgacagat aggtttttgt tttttgcttt 120  
 tttgaagtac atgatataga caggaacaca gattttttaa tggtagctgt tactaagtgt 180  
 gggagagagc tttgactctg gcagtttggg atggcctttc aaaattgaca agtgtggttg 240  
 taagggttag agagtaagtt ggtgatgaat gatacactac tctttggaga ataaagagcc 300

<210> 2317  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2317  
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 agtctgagct acgtacataa gattatcagc aacatatatg ttaagggtgga gccattttaa 120  
 gaaagaacag aagggacctg tgatttactg attgttgaaa atcaaaataa aggaggcaga 180  
 gaaaataaag attgtgagtc agcaggactt ttgtcttatt ttcaagtgga tttattgatt 240  
 acttttcttc ttacagccaa gtgcaagatt tgtgaatggg cgtttgaaag tgagccacta 300

<210> 2318  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2318  
 gagttctctt gtgttttact ctttttacag tgaaaccagc agtgtgtgta gcagcagtga 60  
 cactgggctc tttaccaatg atgaagggcg acaagggtgat gacgaacaga gtgattgggt 120  
 ctatgaagga gaatgtgtcc caggattcac tgtccctaatt cttctgcca agtgggctcc 180  
 tgatcattgt tctgaagtag aaagaatgga ttctggattg gataaatttt cagattccac 240  
 attcctttta ccttctcggc cagctcaaag agggtagcat actcgcttga atcgtctacc 300

<210> 2319  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2319  
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 tttggttttg gaaaagaaaa cagaatcagc aacttttcgg gtgtgtggtg aaaatgtcac 120  
 gtgtgtggaa tacgctatct cctggctaca agacctgatt gaaaaagaac agtgtcctta 180  
 caccagtga gatgagtgca tcaaagactt tgatgaaaag gagtatcagg agttgaatga 240  
 gctgcagaag aagttaaata ttaacatttc cctggaccat aagagacctt tgattaaggt 300

<210> 2320  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2320  
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 cacggcctgg catataataa gtactctata agtattggct gattttctaat aggtctgaaa 120  
 atttatcctt tagaattttt tcttcagttg gtttagcgag tttccctttg atgttgaaaa 180  
 tgtttttttt taaaaatcta acctagacca tcccaaata tgaattactg ttgtgtgaaa 240

cagtgcagact actgttttta t caggt ttataattat gcaaataaat a atctt 300

<210> 2321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2321

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cccgccctg	gatgtatttt	ctatcctaga	atgtccacct	ttaaaaatga	agcccagtga	120
aaagtgttc	cccactaaaa	tgtggactgt	tttgcttgca	gggatgtgtg	ggtttctggt	180
agatagaagg	ctagagctag	caccttccca	aattgcagag	gaatcaatcc	tggtttgtct	240
gtgagctggg	gaggaatgga	aaggtagggg	ccttgagagt	ccttaattac	atagggaatg	300

<210> 2322

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2322

agtaaataat	ataatattag	gatatgttag	gtactgtgat	gaaaagtga	gctgataagg	60
gtatagtgg	gacttaggg	gctgatttag	agtttggtca	gagaaagtct	ttctgaggag	120
ctgtgcgagg	tttgctacta	tctagaggca	cagacgagat	tcagcccaat	gaagatgaca	180
aacgctcctg	taacacatta	cccacatttt	ctgtaggaca	ctgttttgtc	gacctataca	240
tatatggcta	agtagtctga	cactatggat	tcagtgaagc	atacggtatg	tgcccatgg	299

<210> 2323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2323

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ggcttcgggt	tagctggcct	gacatggaga	tagagtgcc	atgttcccag	gccacagaat	120
tatggaggcc	tcacccacag	tattcacagc	tctcaactgg	cctttgagaa	tggaagcctt	180
ttcctgccct	ggatatggcg	cttcttcctg	ggagaggagc	agagccacag	agaggtagga	240
agttgaggca	gagcaaaggg	aaggcttcag	agcttaggcc	cggttcatct	cagatgtggt	300

<210> 2324

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2324

tctcacctg	atcaagttga	ggggcttccg	gtcccttct	acagcctcag	aaaccagact	60
cgttcttctg	ggaacctgc	ccactcccag	gaccaagatt	ggcctgaggc	tgactaaaa	120
ttcacttagg	gtcgagcatc	ctgtttgctg	ataaatatta	aggagaattc	atgactcttg	180
acagcttttc	tctcttcaact	ccccaaagtc	aggggagggg	tggcaggggt	ctgtttcctg	240
gaagtcaggc	tcactctggc	tggtggcatg	ggggtgggac	agtgtgcaca	gtgtggcggc	300

<210> 2325

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2325

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tgtactctaa	gcctcagttt	cctctga	atatagatat	ggtacttata	tcaggtt	120
gtgataacta	aacataataa	tgctataag	gcatagcata	gcatttgga	caactaggt	180
gccagtggtg	tagtaattgc	tgtgactaca	tggtatacca	ccttcctctc	cctgagaaat	240
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<210> 2326						
<211> 300						
<212> DNA						
<213> Homo sapiens						
<400> 2326						
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cagatttttt	ctttaattat	tttaaactca	tgaataatca	gttaaataa	aaagaaatgc	180
acatttaaga	gcattcttga	aattcccact	cctaggtgcg	tcagaggaga	gaagcctctt	240
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<210> 2327						
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<212> DNA						
<213> Homo sapiens						
<400> 2327						
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cagtcagctc	tgttgagggg	tgtgcagtga	gggctcagtg	aggccacaga	gctcagatgt	180
ggctatgaag	actcctggtt	gggtggggat	ggcagttctc	acagatgaga	ggtagggatg	240
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<213> Homo sapiens						
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ttttaagtgc	ttgctgcctc	tgcccttccc	cttttgctcc	tcaaatatat	aaagtaagta	180
gcctgacctc	caggaggact	gttaaaaatc	atatcactag	attaaataga	attaaaaaag	240
aaacaggaag	attgaagatg	tagtttaata	tatgtatcat	taataataga	ataaatataa	300
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<212> DNA						
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aagacagtct	ggagagtact	ctttagttct	atttattaat	tttgtctcta	gattgagcca	180
gatttcccca	tgcatactgc	gcattttatt	ggcctctgca	gaattgcttt	ttctggattg	240
gactttggta	atccatatga	aaatctctat	gaaatttaat	tgctcgccag	gtgtgggtggc	300
<210> 2330						
<211> 300						
<212> DNA						
<213> Homo sapiens						

<400> 2330  
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actatgtctt tgaaatctgt tgtgtatttt atactcaaag catactttaa tttggaccag 120  
ccgcatttca ctagtttcat gtggctgggt gctaccacat ggctcagtgc aggtgtaaga 180  
cacagataag tagtctgtat tgcattttaga ttactgcagt gtctctgggt gctttcatcg 240  
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<212> DNA  
<213> Homo sapiens

<400> 2331  
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tttgagttac tctgaaatct atttattcaa cagatattta cttagtacct cctattgcca 180  
gactctgctt tatgtttgat attatttttt aaaagcccac cttgcctaga tttcctcaaa 240  
ggaccagggtg gcttccctgg ttttgaaaga ccctaattct tactatgatc ttaagtaaatt 300

<210> 2332  
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<212> DNA  
<213> Homo sapiens

<400> 2332  
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ttgattacgt gtcaccggct ctgtaatttg ttaactcatt tgattagaac atgttgctaa 180  
ttcagtcaag gtttccagtt gtacacattc atttttgctt ctggatcttt gcatatgcta 240  
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<210> 2333  
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<212> DNA  
<213> Homo sapiens

<400> 2333  
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ttcataaaca ttcattgagc actaagtatt tgcaagatac tggagggtata aagatgaata 180  
aaacactgtt catgtctttg aagacttctt agtcaagtgg tgaaattaaa cataaaaaca 240  
ggacatttta atattacgtg caaagcacat agtgggcaat gtgttggttt gaagaaggat 300

<210> 2334  
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<212> DNA  
<213> Homo sapiens

<400> 2334  
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caaatcagaa atgggcacag aaactggatt acatttctgt gctctgaaat cccacagagt 180  
tcataaaaat acacatgtat acacaaaagc aacaaatgta agttacattt tattatggaa 240  
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<210> 2335  
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<212> DNA  
 <213> Homo sapiens

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 gctgagaagc ctcctgagat aagagcgtat accatgtcca taactgaagt tttaacattc 180  
 tctgccaacac agaaccagaa ttttaaggga ggagaatttg caagatagaa tttgcaattt 240  
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 <212> DNA  
 <213> Homo sapiens

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 tccaaatcac aaataaagcc atcagcagtg ctcccttctt gctgttccag ccactgtgga 180  
 catttgccat cctcattttt ttctgggtcc tctgggtggc tgtgtgtgtg agcctgggaa 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 2337  
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 tttggtgtat tatattcagt ctattaaagt tttgattgtg atgttttcat tgcagttttt 180  
 ataccggata aaatgtattt tagaagtaga acttttggag ctgaaatagt ctgcagaatg 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 2338  
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 gtctgtttct cattgtactt atgatattta gtgttggtat tgccatatcc tgtgggggga 180  
 aagctaagaa cctcagtaat cttagtaaat agtgctatca tcagttcatt tactcaagcc 240  
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 <212> DNA  
 <213> Homo sapiens

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 taaaatttaa aaaaagaaac gtactggaaa atctgaatag accctctgct ggaagcatta 180  
 tgaaaagtaa ataaatggat atactgcac atcctcagaa aaaataaaaa agaaagaaaa 240  
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<210> 2340

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2340

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ggatcccagg	gcttgaacta	ggatttgagg	aagtcacagg	gaagcagatt	tcagtctgac	180
atattattcag	tgcaagtttt	ttggtgctgt	agtatatgat	gaaagatgta	aagctgaata	240
aagcattatt	tctgccctag	agttgttcac	agcctagtca	ggcatatgga	tatgtaaaca	300

<210> 2341

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2341

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tgatggcatg	agtgaatgtc	cacattttaa	gttatttttg	ttcacacatg	gcctttgttt	180
attattttatg	agaaaaaatt	atagaaataa	tttaaggggtg	gtacagaaat	gcaaactctag	240
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<210> 2342

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2342

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gtttacacca	aactttta	aggcgatata	tcattatttt	ttttccatt	ggtttgata	180
acatccactt	taactggcag	ttagtcatac	ttagctat	ttgttaaagc	aggtgattta	240
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<210> 2343

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2343

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aataaataaa	tgttaaattt	gcttttttct	ctctctcttt	ttttatgtag	aatttgtttg	180
ttgatactta	ctgaatgtag	tgacctgct	gtggtaatga	acacttctag	tgcttctag	240
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<210> 2344

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2344

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gcctgtagca	tttgggctgg	ctgagatggt	ggaagtgtga	acagaatatt	ccagtccagt	180

gtcctctgtg	gtagggatgg	gaccc	gggagaggcc	ctcctgttcc	ggagg	240
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<210> 2345  
 <211> 300  
 <212> DNA  
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gatttaaacc	tagtccacaa	acacctggct	ttctctggca	taatttgaca	gttgctttga	120
gtgccagaga	atttacgtca	ttgtgcctgg	gagctcacac	tcagcatggt	ttttgctttg	180
actccacgtc	ccggtttgtt	gttggtttta	gggaggggct	ttctctgtat	gttgcccagg	240
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<210> 2346  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2346						
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taataaatgt	tcogggccct	ccagtctatt	tgctattcaa	tcacttggtt	cagaaatatt	120
actaggcact	tattttatgc	catggcacaa	ttctagggtg	tgaagacgac	acagctgcga	180
ataaaacaga	catgggacct	gttcttggtg	agcttatact	ttagtgcgta	gagaaactaa	240
acagagaggt	atgaaagata	gttgatggga	cataattcta	ctgaagggtg	ggtgatcaaa	300

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 <212> DNA  
 <213> Homo sapiens

<400> 2347						
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tttttcttga	tttttctctt	ttccctcaca	acaatattca	ttccatcaat	aattcctgtc	180
acctctactt	tcaaagtata	tacagtcagg	tatcgcttaa	tgaaggggat	aaattctgag	240
aaattcatgg	ttaggcaatt	ctgtcgctgt	gtgcccatta	cagagaggac	ttaacacaaa	300

<210> 2348  
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 <212> DNA  
 <213> Homo sapiens

<400> 2348						
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accatttaac	agaccaatac	tgtctacctt	aaaacctcct	ttggtatcta	atttcttgca	120
acatagtgc	tctcaaataa	ctggtaggaa	attgtttggt	tcttttaaca	tatttttagt	180
gtctttaa	atatttttgt	ttgtgtcttt	aaacatattt	ttaggaacgt	atggcatgat	240
gcataatgtcc	ttttctttga	atctggggagg	tggaagaaag	cttagtttga	acaagcttat	300

<210> 2349  
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 <212> DNA  
 <213> Homo sapiens

<400> 2349

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ccttttagatt	actattattt	tg	cttgaa	caattgattt	ttattttttt	aga	ttttta	120
gcctttatat	aatcattctg	tgtactctgc	cttcataata	aaactggaaa	aattatgagc			180
aagaaataag	aggtactagt	tctgaggaat	agttaagatt	atcatactga	gtccaattgt			240
agcagaattt	tttgttgctt	ctttgtatga	tacttaaaat	agttgaaaat	ttgattggat			300

<210> 2350

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2350

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acaagtgact	gcacaggttg	acatggagga	ttaggtggag	tgaggcttcc	aagcagggag	120
gggaatgatg	gtggggccca	aatgaggagc	cacatcgaag	tagatgagag	aatagaaggt	180
gaagtaaggg	ctggcgtttg	gtagggggag	acgccagcag	tgatgctgat	gcccaggctg	240
taggtgtata	ggtgccatcc	acctggtaaa	gagagagctg	tagcgcagga	atgaggttgc	300

<210> 2351

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2351

ggcacatgta	tacatatgta	actaacctgc	acaatgtgca	catgtaccct	aaaacttaaa	60
gtataataaa	aaaataaata	aataaataaa	aataaaaaaa	taaaaacaca	ttataaaggg	120
ggcaatccag	atggccagta	aaccattgta	atagccagaa	attggaaaca	tatattcatt	180
gacaacattt	aagattataa	tatagtcata	taatagtcct	gatataacaa	tggaaataaa	240
ttacagctac	acacaacata	atggataagt	cttaaaaagc	cacatgtaca	gaatacatac	300

<210> 2352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2352

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gagacaagta	gctccagggtg	ctccttcagc	tccaaggaga	gggcgtgggg	gtcatcgggg	120
tggcagggga	agatttggtg	ttcggcgaga	tgggccaatg	aaatttgaga	aagactttga	180
ctttgaaagt	gcaaatgcac	aattcaacaa	ggaagagatt	gacagagagt	ttcataataa	240
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<210> 2353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2353

gggaattcga	ccaacatgga	gaaaccccg	ctctactgaa	aatacaaaat	agccggg	60
ggtggcatga	actaccacac	tcggcagcat	attttaaaat	gcagttattt	ctgaaagttt	120
ttggttttac	acaatttttt	ttttaggtaa	taagatgtat	tgtaaggatt	atgcttacgt	180
atggtacaga	gtataacttca	cattgttcct	gtcttttttg	tgggggaggg	aatgaccgaa	240
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<210> 2354

<211> 300

<212> DNA



<213> Homo sapiens

<400> 2354

aaaaaaacaa	aaattcccat	aaaaaaaata	gatgtttctc	acatgttgag	catatatgga	60
tttcattttt	aatatgattg	tagaaacatt	agattttaaag	catattgaaa	aagaaaacag	120
tatattcttt	aggagcttca	aaaaagggtt	ttggtttagt	tcaaagggtg	aaagaagatc	180
ttttattatt	ttggtaaata	acttctaagg	aaacaaacca	ccctcacatg	cactatctca	240
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<210> 2355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2355

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cgaattataa	aatccatgtg	gaaaagaatt	gatccaaatc	aatgtaactt	caagaaaatg	120
tagaaaactt	tataaaggag	taaattggct	ttattctctt	gatgaaaact	cagtattttg	180
gtgtaaactc	tatttaaaca	atttcgttca	taaacacaaa	gacaaaccat	ggggtcaaaa	240
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<210> 2356

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2356

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acacagagct	agagggtaac	acattgatgc	tacagacaga	acacctaac	tacttctgga	120
gttctgtaag	attagaggag	agaaaataga	gcaagagaaa	tggtgcaagg	atTTTTccaa	180
aagggtataa	atgtatccct	gaatatattt	ttagtaatct	caaacttcag	gcatgataac	240
taaaacccaa	ttaacataaa	ataatacagg	acgcaaaaga	ccaatagaaa	atctgaaaag	300

<210> 2357

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2357

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ggctataaat	aaaggaagaa	gttaacatat	atcagggtgg	ggttagtgc	gctgagaaaa	180
atgaaggagg	ggagagagaa	aaggggatgc	cacaaggcta	gggtagagag	ttctgtttca	240
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<210> 2358

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2358

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gccacttttc	atcttggtga	aatgccatgt	tttgattcag	tcttctgaat	ttgaacatta	180
ttcaggttat	ttccaattgc	tggaatatc	cttactgcta	aaataaattc	ttagcattgg	240
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<210> 2359  
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 <212> DNA  
 <213> Homo sapiens

<400> 2359  
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 caaaaacaca gaaaaagaaa gtgcttggtc acctcctccc atagaaattc ggctgatttc 180  
 ccccttggtc agcccagctg acggagtcaa gagcaaacca agaaaaacta cagaagtgc 240  
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<210> 2360  
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 <212> DNA  
 <213> Homo sapiens

<400> 2360  
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 gcctgcagta atgtatgtga tagcacttta taaattataa agcactatgt tgtataaac 180  
 accattatca ctttgtcttc cttcttacct tattttttct tcctttatct gtcttccctt 240  
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<210> 2361  
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 <212> DNA  
 <213> Homo sapiens

<400> 2361  
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 acatcacatt tggtgaaact ataaaataat tcccatgaaa attggattgc ttaatatcat 180  
 aactgatatt taataatatt taatattgct ctaaaatttc tggctaaaat gaaaatattc 240  
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<210> 2362  
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 <212> DNA  
 <213> Homo sapiens

<400> 2362  
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 cctctttaga aactgtcaac ttgtaagggt cttcagtgtt ggtaaattct tgtcctttaa 180  
 gggtagatct attttttgag gaatgatttt tttttttaac agctaaagag cattagaaaa 240  
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<210> 2363  
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 <212> DNA  
 <213> Homo sapiens

<400> 2363  
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 ttttagagga gaatgcatcc gacctctgct gtctcatttc ctctctggtg caactgatga 180

tggacccccca	ctgcagaacc	a	ctgggtt	tccagagcct	catccaaaag	g	gggtca	240
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<210> 2364  
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 <212> DNA  
 <213> Homo sapiens

<400> 2364							
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ttatgtgcag	cactttattg	cagcaggaag	caggtgtggg	ttggttgtaa	agctctttgc		180
taatcttaaa	aagtaatggg	tgattttaaa	agaaaaaagg	aaaaaatct	ttggctgaat		240
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<210> 2365  
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 <212> DNA  
 <213> Homo sapiens

<400> 2365							
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atgacataag	aactcaggtc	ctgacatatg	gtagaaactc	agtcggcagt	agctatttct		240
aacagagt	ttt	cccctctcag	catctgatag	ccttctctgtt	cccttcacc	ctccacctgg	300

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 <213> Homo sapiens

<400> 2366							
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tagcaaagac	acattatgta	aacttaggag	gaggagagaa	tgcaaatttg	catgtgaatt		120
ttattttgat	taatcgcttt	ttttgctttt	cagcaatggt	atttatgaac	aacaaaatta		180
tagaaaaagt	gagaaaaagt	caattatcaa	ttattttctg	atgaacaaca	acaaagacaa		240
aaaaatgggtg	ggattgattt	attttccct	gacagaattg	attgtttctt	taggttctat		300

<210> 2367  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2367							
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ttaaagtcag	ccattgttta	aggcagaaat	tcagggttag	atatagtgtg	gcaaagattt		120
tccattatat	gagatatcga	tctatttaa	cataaaactt	ttctcttggc	tttctatttt		180
actgtctttt	gttgccatca	gctgtatgcc	ccttaatttt	ttctagtaat	accttgggaat		240
ttaaaaatga	aattacaaat	gtttatgttt	tagtggtttt	aaaaataatt	cgattaagta		300

<210> 2368  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2368

attgcacatt	gattttatct	gattgtgc	tttatcagtg	gttctcaaag	tttcccc	60
tgctagtata	gtatcagcct	caatttgaa	ctggttagaa	atgcagactt	ctcaggatcc	120
acctaattgc	agtagttaat	tttaacaagc	ccttcgggtga	tcctgaaaca	tgttacagtt	180
tgagaaacac	tgctataata	cgtttcattt	aaattgtttc	aggttgtggg	ggtaggggaat	240
aagactacca	atttattcat	cttctgtgca	atattacctg	tttacctaac	tcttagagat	300

<210> 2369

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2369

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aatccagggg	aagaaagatg	gcagttttata	ctggggcatt	gccagtgtgg	atagaaatag	120
atctcagaag	aatttttagga	agtagaagtg	gcaaaacttg	gtgactgaat	tgtgagggca	180
gaagtgggag	aaatcaagga	tagagtttct	taaacaagct	ttggtgaaga	cagggactac	240
cctatttgc	gtcatgtatc	cacagcttag	cacaaatctt	tatacgtctg	agatgcttga	300

<210> 2370

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2370

gccctctaca	gctgctgtgg	atccccccac	tgacctccaa	atccccctcg	cctgtctgag	60
ttcacaagca	gctgtgggtg	gtagcaagtt	gatagcta	gagcttctca	tgggggcacc	120
aaggagctgg	tggtactggc	atgcaggcac	agttgggtg	tgactgggg	gagcatgacg	180
ttaatgcccc	tggaggctgc	cttctgccag	caggggtggg	aggcagggaa	taa	240
aggctcttat	cctctgctag	gatgattcta	aggtgagatt	cacaggggtt	ttcatagggg	300

<210> 2371

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2371

ctgagtctcc	ttatagatga	ggcagcagag	gccttttaca	aatacctctc	ttgttccagt	60
tacacaagtc	ataatttact	gagcacgatg	gtaaaatcct	ttaaaaatgt	agtaaaaaga	120
acagagtatg	catatgcaaa	ggaggagatt	ggggaaagca	aattagaagt	ctatgcattc	180
tgtagacagt	gaaagctgg	tcaagcagaa	tgaataagaa	agtaatttaa	aaagaaggca	240
tcacttattg	actaagggtca	aacaggagga	atacacataa	aaaccagaaa	ctaacttcaa	300

<210> 2372

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2372

gagagggtgg	catcaggagc	tgctcaggct	tggcggaggg	agcggcatgg	gcgatgtcac	60
tcagcccctt	cccgggtccg	ccgcttcctt	ccttcatgat	ttccattaaa	gtctgttggt	120
ttgtgactgc	tgccagtgtg	gttggccctg	cccctgcagg	ccacatgggtc	cagggagggga	180
gggggacatg	gaaatctgcc	ttagagacaa	atggagtagg	gcagcccggga	gctggggccc	240
aagggacagg	acaccactgc	ctgctcttcg	tctggggcct	ggggccttgc	ctcccactga	300

<210> 2373

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2373

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agtcggtgga	tgggtaatgg	gatgcccgc	tcccctactc	cagatgattg	atgaagaaat	120
ggaggtgtat	ggagatgagg	tgacttgccc	aggatcagag	ctttaagtga	cagaggcaat	180
attggaactg	aggtttccct	cattcaaaag	ccagtgggtc	ttgtttgcac	tgccacactg	240
gagcagacta	actgagaccg	ctcttgatgg	gtccttttct	acgagaggct	ttgcctgcca	300

<210> 2374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2374

caaacctggt	ggaggttcag	cacaggacct	ccaacagaag	agaaagggag	ggaagttggg	60
tttctacttt	gcctgtttta	atacgagct	acttgagtat	gactatagat	tcgggaggat	120
acatcgaaac	tgtagtttta	cccattgctt	tgaactttat	cgccaagga	atgccagtgt	180
ttcctggcgc	attgattaaa	gtggcgttct	gactgctcag	tactagaaat	gctgcgaaaa	240
gggcttctgg	agtgggacgg	ccctcgtttg	cattatgtcc	cccgttctt	cctaggtaag	300

<210> 2375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2375

gttgttttca	aagctgagtg	agataacatg	ttctgcataa	tgaggaaata	gtaaatgttc	60
aatatatggg	agctgttggt	accattgata	ttaatatata	taatagtcct	tcgagctgtc	120
ttctaaagaa	cagttgtttg	accctgaaag	caaaagaagg	agaaagcata	ggttttgggt	180
cagatcctgc	ctggcttttt	tctgttacac	tgtgctgctc	cacataacct	tacaaaatga	240
catacatcta	tggcttcaac	ttcattagct	ctgtggagag	gaatattacc	attttccaaa	300

<210> 2376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2376

gaaaaatata	gctaacactt	aatgtttgag	gtctgagcac	tttacattaa	atatttaacc	60
tataaaatga	aatgagaact	tacttttatt	atcctcactt	atacagatga	ggaaaccaag	120
acaccagag	attaataatt	tgccctaagg	aacaaaatta	gtaagcatcg	taaccaggat	180
ttttggtcag	tctacacacc	ttccccgttc	cctcactata	gtgcctgctg	caaattgtac	240
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<210> 2377

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2377

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aacactggca	ccggttctaa	caagg	ctgcgtcccg	aggatgactg	agctct	120
cttacgttcc	tgccctgagag	ccaaga	gaatcaactg	tttgatagg	ctctccc	180
aggctttgag	agagagtagg	ggcctaattt	tgtaaagctc	cagntagtaa	agccagagag	240
cctaatacgcg	ttgacagccc	ccttctctgct	tttcagttat	ttctgcttcc	ctgaataactg	300

<210> 2378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2378

actaaagggtg	tgagccactg	cgccccggcat	aagtaagaat	tattaatctg	ttcttgcttc	60
agaacatctg	tcttttcaac	ttaatacgaa	caaataataa	tattaaacac	ttcactttgt	120
cttcaaaact	gctcaaaaaca	cttcactttg	tcttcaaaac	tgctcccaga	attttcctag	180
catttttggg	gattcaacat	tcatgtcaaa	ccaccacact	tgggctcccc	agtttcttca	240
tttcttcatt	gttgcatgca	caaatttttc	tctgctctat	ctcagccaca	tcctactcct	300

<210> 2379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2379

ggttggttcta	ggtagtttca	tgccggatgct	gacctaaact	agaatgtaga	aattagtagg	60
aaagtgaatg	cccactaggt	ggaaacctga	aagcacgggg	acctgcgac	ttgtttactg	120
ttatattcct	gctgcgcagc	tcagggtctc	tatgtaaaaa	atgagtgaat	ttattttcta	180
gctggtgcct	acaaaataat	ctgcaatgta	tccatactgg	tttattaatg	gtaacagatg	240
aaccgtacta	atatgagata	ataggggaaa	ctagatatgg	agtgtatggg	aattctatct	300

<210> 2380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2380

ccagattgaa	agagtcttga	gtactcagca	caattaatga	aaatagacta	atgctgacat	60
acattaccat	gataagtcag	aatactggag	gcaaaaagaa	gactctgtag	tcttccaggg	120
aggggggaaa	tgccacagac	aggatcagga	gtcatgatga	cctcagcagc	acttctggaa	180
gccaaacaat	gaggcagttt	tcttcaaagg	tatgaaagaa	aataattact	gatgcagcct	240
tttctttttt	aaccaaacaa	tgaatgaagt	gtgaagatgg	aatcaagata	agttcagaaa	300

<210> 2381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2381

aacctctctg	tgtctcttat	tccacatctt	tcacgtgggg	ttgctgttat	ggttaattag	60
aaaattctgg	acctgattca	ttaacccgc	ttttcttctc	taatgtgtcc	tgaagctgag	120
ctagatgatg	agtaaaattct	ttgctgactg	ttgctcatca	ctttctctca	aagttagaac	180
ttttcagtat	aaaaataatt	agcttttaac	tgattattaa	tgttcttttaa	tagtttctgt	240
caaaacttgt	ctaaaatttg	tggtgtgcca	aattggaaat	accactata	atatggcgca	300

<210> 2382

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2382  
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tatcttcgta ggagttgccg ctgctcagta ctcccgtctc tgttctcact cacgtgtggg 120  
gttctctgtg gacgctgagc ctctgcagaa gctgctgact ttgtcaggtc cgaggctgtg 180  
tcctcagcac caaggacagc acagggcgga cactccgcgt atttgagtga gaaaatgaat 240  
gctttgcaac aaccatatcg tattgaaccg ttctgtgaac gaggcccctt tgctagggct 300

<210> 2383  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2383  
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gttctctgtg gacgctgagc ctctgcagaa gctgctgact ttgtcaggtc cgaggctgtg 180  
tcctcagcac caaggacagc acagggcgga cactccgcgt atttgagtga gaaaatgaat 240  
gctttgcaac aaccatatcg tattgaaccg ttctgtgaac gaggcccctt tgctagggct 300

<210> 2384  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2384  
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accaactcaa ctttgccaaa gctaatagtt ctcaagtctc tttttttaa ttctccaata 120  
gaatttgatg taagtattcc ctccctcctg aaatactttc ttcacttggt ttctaggaca 180  
caatagagaa cctctttgtt gatcttcctc gttttcctaa ccctaaatgt ttgagtggcc 240  
cgaggcaata ctatcttgct tctatctctg ctgccatggg gatctcattc aagagtcattg 300

<210> 2385  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2385  
ttcacattaa gtttttactg gcagaatatt gcttttggtt caaaaaccca tagttgcgtt 60  
acagttccag atacagcatt atctatttag atttaatttc gcttatacat gttttcttgc 120  
tctctgctgt tgtttacact ctttattttt ctgttactga gatcttcatt cttactataa 180  
tttttggttg ttaggagctc ttccatgagt aattttcggt ggacagtctt aatgggtagt 240  
atagtttctg agctattaga cgcccaaaat attttttcat ttgcctttac atatgaatgc 300

<210> 2386  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2386  
aagcatggct ctgccctctt gaaagactaa agaaatatc catcagcagt ttactttaga 60  
agaactgaaa gaataggttg atactgaacc cactcccaga gccaggtagc tgaaagggca 120  
ctgtgattgt tatcttacta ggaacacgtg gagggtggagt aaggcagttt tctgcagaaa 180  
agagggattc tgggcagaca aaaactacat atgcactatg ttttggtttg tttttttggt 240  
tggttggttt aaattaaaac cagaaaaggc gaagacttgg agaatgctca aaattttttt 300

<210> 2387  
<211> 300

<212> DNA

<213> Homo sapiens

<400> 2387

ggaaccaggg	gctgcagaac	cagccccctcc	ccaatgagga	ccccctctgg	acgccccctcc	60
ccatggagaa	caccaggagc	cacagacccc	agaccacaga	gcacacaggg	gagggcacgg	120
ggcggccggg	gcagggtgtc	tgctgcctcg	tttatgggat	ttgctccgcg	tctagcacac	180
tgctgcctgc	agtgtcctcg	tccccctgcag	tggtactct	gggcctacgg	gcctaatacct	240
ggttggcatg	aaaatgtcct	gaggctactg	tgacaaattt	ccacaagctg	agtggcttaa	300

<210> 2388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2388

gcctaaaatt	agagaattat	ctgctcagtc	cttattcctg	cagaatacaa	atgtcacatt	60
ctaacctgtt	aagagattgt	cttcaaaata	aaactgttat	taactacatt	aatgttagac	120
aaagtacact	ttagggcaaa	aggcattatt	agggatagat	ttcataatga	tagagttcta	180
tagtagaata	tagtaatgca	actgaacaaa	atgaagctca	ttccactgca	tggaagaatc	240
tcacagatgt	gatgctgaac	aaaggaagcc	acgtacaaac	acttactata	taattttatg	300

<210> 2389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2389

gtaagatcct	gcctcaaaaa	aaaaagttta	tgtttctcaa	gtgctcataa	tctagtggta	60
gtacagtatt	tgagatatta	gagcagtttc	tcctcctttt	gcaactaagg	acatgtatcc	120
ttaaagcaga	aggaatggca	gagtcgtgta	ataaaccttc	aagtaccatt	acttagcttc	180
aacaactatc	gacactctac	tgttcttggt	tcatttatgc	ctcacctcct	tcccatcccc	240
cacttgaata	ttctcatcct	ttttttacag	tttttaagat	aacaattaca	taactgaaat	300

<210> 2390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2390

cctaggttct	agagtaaact	ctgccactac	ctagctaggt	tgacctttaa	caagtctatt	60
taactttttc	ttaggttatt	tctaagagag	tttcaaaatg	aaaaaaaata	ctatgtgttt	120
gtaattttat	gattataatt	ccatttaagt	aaaataacaa	aaataacact	cgtatcatag	180
acattagaga	gttcttactt	ggaaagtttc	atttccta	gacatcactg	aaacagcagg	240
tatgacagag	ggttccctga	ctttgatagt	tttaattatc	ttaattttatc	ctctgtcctc	300

<210> 2391

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2391

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cgagcgggac	cgagaagtgg	gctgggagca	gaggtcgcgg	aggtggcgag	cgaggccggg	120
gcccaggcgg	ggaccgggag	gggcccggga	gtggcgggca	cgccagggtc	agggagccgg	180
gcgagggagg	gggcccgggg	ttggggaagg	gggcccgggg	agggaggtaa	acagccctgc	240
aggcctcggg	gcaccgttgc	tgggcggcgc	cggcggcatg	tgctagggcc	cgtcccgcac	300



<210> 2392  
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 <212> DNA  
 <213> Homo sapiens

<400> 2392  
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 tatctaaaag cctcttccca ctcccttccc tttacctggt aatccctggt attccctaga 180  
 tgccctgcttt aaagagattt cctttggtaa atcacccctga accctcagac tagtccagac 240  
 ctctctttga tattttcctc ttgacattca gcatttatcc caattgaaag taataattac 300

<210> 2393  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2393  
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 cattgtgttg gccattcagg agactgactg tgaaagaatc caaactttat atttctgcct 120  
 tgccagtttt tttttccttt tcttcactcc atttgagaca ctcttgacct aatccagtaa 180  
 actctaatta atagtcttgg taaattctgt ttcaagccat cctgagtagc gtcactgaca 240  
 cccgatctgt ttcagtaagg tcaaattagc atcctttact atttttctgg catttaaatg 300

<210> 2394  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2394  
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 ttattaaggg cacaactcag caacagccca gtagaagagg tgcacggagc aagcacgggg 180  
 ggacgtggag tttctgtgcc ctctagggg ggccctctgc ccagctcacc cttgtgtgtg 240  
 caaggtcccc gaatcttgta gttagagttt ctgtagaact caatctctaa tcctttcctt 300

<210> 2395  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2395  
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 tctaagtaca tattagtccc ttggcaaadc tgttctttca aagcatacct tccccaaatg 120  
 agcctaccta cttcttaaaa aacatataac acaatgtggt agtagtaggt gtaaggaagg 180  
 taagtttttt catagtggta tgcaaacata tcattgaaat attacataga tataaagact 240  
 tagggaataa aaatagcagc aacaaatact tgatagattt atcctacttg ggagaaatat 300

<210> 2396  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2396  
aaactcttaa gtatacgcta cgtctgtgt gtggtgcttt atacgcacca tttacttaa 60  
tcctttgtta agcagtatta ttttgaggaa acagattgag agcgattatg taacatggcc 120  
aaggtctgac acttagtaag tgataaacct gggctctaaa tactagtctt ttggacttgg 180  
gcatttaagg acgactagcc tgtattacct ttcctttgag atccttcctc acataggagg 240  
tgaatttaat aatctggatt tcttgaaata anntanactc caccaaaaca antcctgcct 300

<210> 2397  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2397  
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ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc ccagattttt 120  
gagataaatc aatttattta tttgcaatat ttacatgcct acatggtttt ttaaagttat 180  
tttaatgtat ttttaatgat taaaaatta tgtcccgtat ttattagtca ttcattactt 240  
accattattt gcatttaatc cttaaagcag aagtgtacaa aaaagagatt aatgtaaagc 300

<210> 2398  
<211> 292  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(292)  
<223> n = A,T,C or G

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ataaacaag atgcagggag gtgcaatgag ttcctacagg ccctagagct gacggtaggg 180  
gtgggaatac agttcacacc gcgtcttcag ctgngttcct tgtggatgac ncccactgtc 240  
agncanntga tnaaancagt tntcaatnct aaantgctgg anantnactg ct 292

<210> 2399  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2399  
attttaagtg tgcagctcag cccgtattta gtgtattcac aatgtttctgc aaccaccagc 60  
ctcctgagta gctgggtgtg caccctgcac ccagccagaa gtggaatatc ttgttggggc 120  
tgggcttaga gctggagctg gtggccggct ctgctcgctt acagaattct gtacggtttc 180  
tgatttctct cagcccatct gtccttcact tgcaagcadc tgatgactgc tgcattgacc 240  
ataaaaacat gcaaatatat aattcttggc tttgaggagg tgaccctatg aaattgactt 300

<210> 2400  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2400  
ctcagggtat tgaaatctga gaccttaggc ttctatttca ctgaattctt ataataccac 60  
tgcaagttga ggtatacatt tcttgatttt atggataaat aaactactgt tacaataata 120  
ctgtggaaca agcaaccaca aaatctcaga gtcacaaaca tttatatttc acttgggcac 180

ctgtaggttg gctgtgattt a	atcta agctggactc agctgggctg g	240
tctgcagtag gtccagtgtg t	gcaccc ttgatgtaag taactccatc ttgaaaaat	300

<210> 2401  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2401		
gatggacagt ggcactcggg ggcagtcacc ataaaacaga gactgctttg gtgtgaccga		60
cgttgaggtc ccacctgccc cactgtccat agaggcctg acctttcctg cctccaggta		120
aacacataag tgcttcccgg gctgacttcc gatgtgtatt aggatcccag tgagacttct		180
tgggcggatg ctgaaaacaa gcttaaattc tggccccaac aatacagagt gagccaagac		240
gacatgacct ccttcttcag agaaataaat gcctttctcc aaagcctcta gaactatagt		300

<210> 2402  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2402		
ggtgggcaaa ggacagtccg ccgaggtgct cgggtggagtc atggcagtaa gtcataaag		60
aagcaagata atggaatata caaatattac tacgacttta tgggtggcat accttgattc		120
ttgatccacg tggctgtgtt cagatctggt tagcacacat tgacatcagg ggctgagcca		180
ccagtgagag tcaaaccag cagccctgtc agtctacctt ctctcttgac ttgatccagc		240
ctcataactt cactttccgc aggagaaaca cacctcttga ggtcctctgt cacaaatagg		300

<210> 2403  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<400> 2403		
cagaactcat atagtgtttg aaggaatgca aagttgcaaa gtggtacagt gtttttgtaa		60
cgtaacagtt tttaacatat ttaaacatac acttacgatg tgacctagcc attccccctt		120
gagatatttg ctcaaaagaa attaaagcgg ccaggatggt ggctcacacc tgtagtccca		180
gcatttttg		189

<210> 2404  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2404		
gggccatgta cctcccggac accctctctc cagccgacca gctcaagtcc aactgcaga		60
ccctcccaga gattgtggca aaggaagcac aggtgaaagt ggccgagggt gagggcgagc		120
aggtggacaa caaggccaag ctggaggcca cgctgcagga ggaggcgcc atccagcagg		180
agcaccgtga gaaggagctg cagaagcgct cggagggtggc gaaggatttt gagcccgaac		240
gtgtggtagc tgctcccaa aggcggggga ccgagccaca gccagaaatg cctgacacag		300

<210> 2405  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2405		
gagaatctta tatttttaaa attgtcccta tggttaaattc agatgggtgc atcaatggaa		60

atcatcgctg	ttctttaagt	gaggatt	tgaataggca	gtggcaaagt	ctccgg	120
atttacatcc	tacaatttac	cajctaagg	ggctgttgca	atacttggct	gcagtgaagc	180
gtttaccctt	ggtttattgt	gattatcatg	gccattcccc	aaagaagaat	gtatttatgt	240
atggttgca	catcaaagag	acagtgtggc	ataccaatga	taatgcaact	tcatgtgatg	300

<210> 2406

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2406

atcaggcaac	tcatactgaa	gagaaactct	atgaatgtaa	ctagtttgta	aatcagctgg	60
gatttcttcc	tttttatttc	attcttttaa	aaaattttatt	ttaaggtagt	acatgtagtt	120
ggaagaacta	ctataaaaaac	aatatatgtg	ggaaaacttc	cagccctctg	ttaattgtgt	180
gtctcaaatt	tgttctggaa	aagaaagggg	gaaagtctat	gaacgacttt	tcaacctggc	240
aattccatat	acaatgttaa	acttgattct	tatgacatat	tcctatgaaa	ataataaata	300

<210> 2407

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2407

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tgtgaatttt	ctgaatccct	attccaggat	ttctgggaat	aatgtttact	tctagaatgg	180
gcctgttgta	aanccatctc	atcgaggtgt	ggtaaagcca	ttggatgagg	aggggactgc	240
catggaaagg	agagtttggt	acttacgggt	ctgagaggag	gggccacata	ggaaagcccc	300

<210> 2408

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2408

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aggtcacatg	gccattctca	gtccagtcaa	tgtggccagg	cataagttag	gggggagaat	120
agggctctgga	agcagggaaac	ctaaggctga	ttcacgtgta	tttcttagaa	tggaattaaa	180
agggaaaccc	caactttcca	tgcccaagta	acaaaaggat	cataagctac	ttcctttgca	240
ccccaccca	ctttttcttc	gtggcagatg	gaaaatggaa	agtactctga	ttggtccctt	300

<210> 2409

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2409

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atgcagagga	agaggaaagc	gaactgggtt	acattccgaa	aagcaaattg	gagatggaca	120
catctgaggc	aaagctagac	aagttggatg	gcttgaggac	tggtactaaa	aggaaactgt	180
actgggaggc	cattgccagc	agaatggagg	attatcttca	gctccccgat	gattatgata	240
ctcgtgcttc	tgagcctggg	aagaagaggg	tcagatgggc	agacctggaa	gagaagaagg	300

<210> 2410  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2410  
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 cggccagggt atcaggggct tcactgtgaa acctgcaaag agggctttta cctaaattac 120  
 acttctgggc tctgtcagcc atgtgactgt agtccacatg gagctctcag cataccgtgc 180  
 aacagttctg ggaaatgccca gtgcaaagt ggtgtcattg gctctatatg tgaccgatgc 240  
 caagatggat attatggctt tagtaagaat ggctgcttgc cctgccaatg caataatcgg 300

<210> 2411  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2411  
 ggtggtcac cctaccttgt tcctaattctt agggagaaaag aatttgtctt tcaatgagta 60  
 agtctgatgt tacctctggg attttttggg agatgctctt tatgtgtttg aggtaaatct 120  
 tgtctagttc tagttttttt gagtggtttt accttgaata ggtgttggat actttgtaga 180  
 tattaataa actatgaagg gagactggat tattcttttt tagctggaaa tagagtagta 240  
 tgtgaattag aatgataaag tctgactggt gtctcaggca tacaatactt aaggcaccaa 300

<210> 2412  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2412  
 ggcctttttt cttgttttct tcttagtgac agcatttttt ggaactggaa atatagcttc 60  
 tattaacagc tttgatcttg cctctgtcta ttgctttctg actgtgttca gtccttttat 120  
 gatgggagcc ctgatgatgt ggaagatttt aatccccctt gttcttgta tgtgtgcttt 180  
 tgaagcagtt cagttgacta ctcagttatc gtcaaaaagc ctttttctca ttgttctcgt 240  
 catatcagac attatggctt tgcatttttt cttcttggtc aaggattatg gcagctggct 300

<210> 2413  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 2413  
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 aatggctcca ttatgtcttt tagagtgggc tggcccagct aattgcatat tgaaatacat 120  
 tagatttgct ataaattact ttcctttatt gtcttttctg tcaatcttag gacattaaat 180  
 gtatatgttt gaaattgtgt ttaggtagggt tatctgagca ttnggttcag atanntanag 240  
 agagcngtat angttcactg tnntccccac nggcttngcg actgatatg 289

<210> 2414  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2414  
 gggcaggctt tgagaggatc gacggcaatt ttgaaagaag ttgtaccgtg agttaaagtgc 60  
 gatcaaacag cattgcatgc ttcagagaaa tctttcttca caaaaggaac aattggtgca 120  
 gcaaaattaa ttttcttatt ttaagaaatt gtcagccggg tgtgagccac catgcccggc 180  
 cgacataggc tatttttttaa aatgcaagct cttctgaacc atataatatg atgtttttaa 240  
 atatagactc tgaagacaaa gacctgggct cagaatcagg cccaccact tattttcaat 300

<210> 2415

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2415  
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 ttttacatgt agcctatcat gagggtagag agaaaaggca cagaaagaaa ctctatgtca 120  
 gcccaggtac aatggatggg ggcctatggt acgcttatct tatcagcctc attgttaaaa 180  
 ctggttttga aattggcttc cttgttttat ttataagct atatgatggc ttttagtggtc 240  
 cctaccttat aaagtgtgat ttgaagcctt gtcccaacac tgtggactgc ttcacttcca 300

<210> 2416

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2416  
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 ccaaactcct cctaagtcct gtccaaacaa aaccatgaag gataagaaat gggtattatt 120  
 attttaagct accacctttt ggtgtgatta ttatatgcaa taataggtag cagacactgg 180  
 ctttggttgg acatgtatgt tctctgcata ttctgctttt gtgcatgtgg agaaatgggc 240  
 tttctgggct gctgacaatg aggaggtaga gatgttggtc aggcagatgc gtttagactt 300

<210> 2417

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2417  
 agaaactact tctatgattt cagctggagt ctgaagatac ttgtttctgt tcaagtccca 60  
 ctttaattaa tgtcttagga gactgaaagc ggaatcttct gagcattcct agatatctgc 120  
 ttagaaatat catgagataa agaggacct tcttaataca ctgatgttct tcaactaatg 180  
 gatggccaca agaaaaataa agtagcatgc ctataaataa ttgaaccata aattttcatg 240  
 tcatgtgata ctggaatatg ggatactttt catgtttata tatatatata tatatgtcta 300

<210> 2418

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2418  
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 aaggcctggc tgggctgaag catctgcttc caagctcact catgtggcca tttcccagag 120  
 gcccagtacc ttactggctt ttgcccaggg aggccttaat ttcttacata tgggcctctc 180  
 catagggcag catgcaactt ggcagctggt ctcccttaca gtgaatgatc caagagagta 240  
 tgagagagtg tgccacaatg gaagccagggt atctgttata acctcatctt agaaatgata 300

<210> 2419

<211> 300

<212> DNA  
<213> Homo sapiens

<400> 2419  
tggaaaagaa aataaaaattg gcagctcact cttctgtcat ttgatcttct gtcatttgct 60  
tttctgagtt ttggccctcc tgtacaatct atctggtcgg gtttactttt ctccatcttc 120  
aagcaggggtg tgtcttcaag catgcatgtc tgtgttttga ttcggaattg atagttataa 180  
tagaagcatg agctgctggg aaattatacc tcctgatttg tgtggtttta tttgttcac 240  
ttgcaggttt gagtagtttt tgggtggatgt gttggggagat ttgaatgtta cttagctgtt 300

<210> 2420  
<211> 286  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (286)  
<223> n = A,T,C or G

<400> 2420  
actggctgct ctaattttaca ttcctaccaa cagtgcataa gagttccttt ttctccagct 60  
actcaggagg ctgagggagg agaactatct gaaccctaga agcagagggg gccagattac 120  
accaccactg cactccagcc tggacggaga gtgagattct gtcaaaaaaa aaaaaggccc 180  
nttttttttn ngttttngnn anntttngta atttngnct ttttnnnaan ncccnncnna 240  
nnggatnnaa aagnnncct nannggggnt tnantaannn ttcctt 286

<210> 2421  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2421  
gtcaagcatt ccacttttcc tatctgcaaa acagggctta aaatagtata tcaaacaata 60  
actagttaga agatacaatg gaagaaaaag tgccactttc aggagcaaca aagatgagat 120  
accagaaata aacttaacaa caaactctaa aacctacatg ataaaaaatg taaaacatca 180  
ttgaagaaca taaaagaagt ttggaacaat tgaagaatat gtcttcttca taactggaaa 240  
tacacagcac cataaagatg ttagtttaag gtaatttata aatttaatgt gatgataaga 300

<210> 2422  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2422  
gccaaatcct tcagtggatg tgaaaggaat aggagatgaa ttatataatc cagaaacaca 60  
taaacgacat actttgtttt gtgggacaac tgttattcag actcgtttct acactggaga 120  
actcgtaaaa gccatagttg ttagaacagg atttagtact tccaaaggac agcttggttcg 180  
ttccatattg tatcccaaac caactgattt taaactctac agagatgcct acttgtttct 240  
actatgtctt gtggcagttg ctggcattgg gtttatctac actattatta atagcatttt 300

<210> 2423  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 2423

ctttagcccc	agtcaagtta	ctgcaaa	gactagctga	ccctgccaa	ccccaa	60
gttacagaat	catgagcaaa	taattggctg	tttctgtttt	aagcttttaa	attctggggg	120
tggtttatgt	gtcaataata	actgaaacag	ataatatata	cagaataaac	tttagtttta	180
ataatctaag	taaaagccca	ctaattcatt	atgcagaaaa	aaatgatitt	tttgagacgg	240
ggctctgctc	tggtgccagg	ctggagtgtc	gtggcacaac	catagctcac	tgagcctcc	300

<210> 2424

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2424

cagcgccag	ctccgaggtt	ggagcagccc	cgccgggcaa	cttgaatttc	tgcaaacgaa	60
cacagcacg	ggagctctgc	agacctgtgt	cggcgcgga	cccggactga	gacatgcctt	120
ttgaacttct	cagatagagg	aacccagtg	aagactgac	agttcttaca	attctcaaag	180
catggcccat	aaatatgtgg	gtttgcagta	tcacggatca	gtgacatttg	aggatgtggc	240
catagccttc	tcccagcagg	agtgggagag	tctggactct	tcccagaggg	gcttgtacag	300

<210> 2425

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2425

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atcagacgaa	gagggaaaaa	taaagttgct	gcgcagaact	gtcgtaaacg	caaattggac	120
ataattttga	atttagaaga	tgatgtatgt	aacttgcaag	caaagaagga	aactcttaag	180
agagagcaag	cacaatgtat	caaagctatt	aacataatga	aacagaaact	gcatgacctt	240
tatcatgata	tttttagtag	attaagagat	gaccaaggta	ggccagtcaa	tccaaccac	300

<210> 2426

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2426

ctttgtccca	atatttgtga	caccagtgtg	atgacttggt	taagttgggt	tgaccaggtt	60
cctccactgt	caggttatac	tttttcattc	tgtaattaat	gtatcgctat	atattttata	120
tactttgaaa	ctgtaaacad	cttgtcctca	tcaaaccctc	acctactaat	tttagcagtc	180
attgctaatt	ttttaaaact	ccattctttc	tacatttagt	agttggcatt	ctactataag	240
gaagaatttt	ccctttttcc	ttatttgtgt	atacttattt	attaatattt	attattttatt	300

<210> 2427

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2427

cctgtgtcca	ggccactttc	caacacagct	cggcagctcc	tcccataaga	gggagagtcc	60
ctctggtcac	cccttgaatc	ttggctgggc	ttgggacttg	ctctgacaaa	taggatatgg	120
cagatgtgac	attacgggtc	tcctgaacct	aggcctcaag	gagccttgct	gtttctgctc	180
actctccagg	aacctgtcct	acgccatgag	gacaggccca	ggctagcctt	cggatgatga	240
gagacctgtg	gccctgctaa	gcagcagacg	tgagagatgc	catcttgagg	ctgctagctg	300

<210> 2428

<211> 300

<212> DNA



<213> Homo sapiens

<400> 2428

agacacttta	gcaactgcct	aactatcacc	tgatggttgc	cttcctctcc	tgccctgctc	60
atgtctgctt	aactacctac	tctaacagca	gcagcagcag	gaataatagt	actctttaat	120
gataaactgc	cttggaaggc	cttatttgta	catgcaatgt	tgaatcttca	gtttccaagt	180
ggaaaatgtt	ggtcataagc	atcttccttg	ggcttgtttt	ctagattata	tgtatagtct	240
ttttattttg	aagtcaccta	ggacccaccg	taagttataa	gatactacag	agaatttcca	300

<210> 2429

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2429

ggagagagaa	tgtctttttcg	aggcggagggt	cgtggagggt	ttaatcgagg	tggtggagggt	60
ggcggcttca	accgaggcgg	cagcagcaac	cacttccgag	gtggaggcgg	cggaggaggc	120
ggcggcaatt	tcagaggcgg	cggcagggga	ggatttggtg	gagggggtgg	ccgcggaggc	180
tttaacaaag	gccaagacca	aggacctcca	gaacgtgtag	tcttattagg	agagttcctg	240
catccctgtg	aagatgacat	agtttgtaaa	tgtaccacag	atgaaaataa	ggtgccttat	300

<210> 2430

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2430

gaaagcttca	tgttccgcac	ctggggggcg	gatgttatca	acatgaccac	agttccagaa	60
ctgtcagaag	ataaatttct	gttgttctca	gccatccagt	ttgtggtact	ttgtaacggc	120
agccctagga	agctgatgca	ggtgggattg	attccccctgc	tccagagaaa	ggactgtttt	180
cacagaagag	gcgatgcttg	aactgaatct	gaagggatca	atgtggcttc	ccttggaag	240
gcatggagtg	aaggtggagt	atatcccaag	tggggaggac	agcacgtgac	atggcgcagg	300

<210> 2431

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2431

taattatagt	ccctggagtt	atgcagctaa	ttaaagggtca	aacgcagaac	tttaaagacg	60
ccttttcagg	aagagattca	agtattacgc	ggttgccact	ggctttttat	tatggaatgt	120
atgcatatgc	tggctggttt	tacctcaact	ttgttactga	agaagtagaa	aaccctgaaa	180
aaaccattcc	ccttgcaata	tgtatatcca	tggccattgt	caccattggc	tatgtgctga	240
caaattgtgg	ctactttacg	accattaatg	ctgaggagct	gctgctttca	aatgcagtgg	300

<210> 2432

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2432

ctgaagtgag	gttgagggtg	gtgcacggag	cccccatgcc	ctcagtgggt	acaccagcct	60
cccagcactt	cctcatgttc	accaacacgg	aagcttatca	gagcttggtg	tttcagaact	120
caattgccag	ctcactgctg	aagagattgg	tgggtagggc	tgaaagaaat	atcagtgggt	180
ctttgtggta	ttcagcccca	tctgagatg	gcctatccag	gggctctata	agaagtcacc	240
tcattagcat	aaactcacat	gtgacaaaaa	ggatcttggt	atgaataaca	aaagatgttc	300

<210> 2433  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2433  
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 cggaatccag ccactcccac ttgtttacat atcatccctg gctgctttta tgctacaatg 120  
 aagtggaggg ttgagtagtt gaaacaaaga ccttattgct tgcaaagtct gaaataaaca 180  
 cactcacaca cactgattta tgtatagaat atgtatacaa atatatcttt tatttatcta 240  
 tttttttgag attgagtctc gcttggtgct ctgtcgccca ggttgagtg cggaggcaag 300

<210> 2434  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2434  
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 acagaacata tgacctgccc ttatgcataa gtttgattga attggaaaat cagcaagagt 120  
 ggcataaag aacctagaaa tctgagctct gtcaaccatc tcctctattg ttcttactct 180  
 tgattgtaga accaaaggac aaccagcgtt gtgattcata gggctgctct tgccctctgca 240  
 aggggtggtcc aaacatgatt ttagtggtag gttcatcatg ggtatgccca agcgatcaga 300

<210> 2435  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2435  
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 aagaaccaat tttcaccctg ggggtggcggg gtggtaaaat tgccccgttt cagaatacat 180  
 gctctataaa gcggcgagcca tgggatttta tcctaatact gagtctagat gccaaatctt 240  
 tttcaccctg tctcaaaaca aacaacaaca acagcaaaaa gatcactttg gctgttttta 300

<210> 2436  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2436  
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 aagttttcttt taaaattata tatatggccc aatcttgaac tatcttattt tggaagggtt 120  
 tatctatttt taatttatgt cctcccgctt ttctcatacc cagctccaca agaaaataca 180  
 gatctgcaga aaatgatttg aatgcctact ttctcactcg tccaaggatg atgctgcata 240  
 gctagtacca ctctagatgc ttggaagaaa agttaattca atcaacagat agtgcattag 300

<210> 2437  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2437  
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aaaaggcagc tgggttggtca ctgatgggca gcatttgagc ctgccacact ggcctggaag 120  
gtcnccttcc agncnggatn tnnnangcta ntttnttaca nntaangctg tcacgantga 180  
naçctngcta tcaactgtcag ctgnatatgg tcacccatc acgacatgct atatggnccg 240  
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<210> 2438

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2438  
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ttgcatattt gatagtcaaa atatataagaa catttttaaatt gaaatatgaa atttgaaaat 180  
attgtcagga acaaacatgt ttctctatca caaactctaa gaaaatgact actggaaaat 240  
aaggctatct gccaaattcc atttggtata cacctgtact attctgtgtt ttttgagtag 300

<210> 2439

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2439  
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actttgtgct gtattttata actattaagg aatgttgagc agaaatgcta tcaattgtta 120  
aaattttgcc atgaatacag cagcctcact gaattctctt agtagttcta atagcttgcc 180  
atttgattct aacagggttt ctatgtaaaa gatgggtgtca tcttcaaaca atgatagttt 240  
catttcttct ctttcacctc ttaccttctt tgtgtttctt tagcattggg caggctcttc 300

<210> 2440

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2440  
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tattactgtt gttattatta ttattactac agtataatc atgtatcaca aaattcacga 180  
tttttaagca tacctttcag tattttttac tatattccaa aagtttgagc ccagcagcac 240  
tacctaattc caaaatattt tcataatgcc aaaaagcatg cctgcaccta tgggctgtca 300

<210> 2441

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2441  
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acagccactg atgtgctctt tatgactata gttttaactc tggaagaatg tcatgtaaatt 120  
ggggctctgt gttttgcagc atcatgcagc tgtaaccttt gattcagcag ataacaatgt 180  
gcatggcctc tccactcaag gtaatgcctt tcagattcat tcaagtggcc gcactatcag 240  
gtagttcttt ccttttcatt gctgagcagt attccatcac aagggtgtac cacagtttgt 300

<210> 2442

<211> 300

<212> DNA  
 <213> Homo sapiens

<400> 2442  
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 cctaggggaa ggaataacat ttggagcaaa caggagacaa attgaaaagc ttcaggagga 120  
 aaggctagga aataagattc tttgggagcag aataaggact ttaaagagat tccacatatt 180  
 cctgggaatc tgaaagacca tacacatgcc tagggctggg catgtgctta aaaagacttg 240  
 agagggccct atgctgtcac ctctgcctga ccttcaggct ctgtgcaagc aggaagtga 300

<210> 2443  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2443  
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 aaatgtggat gaaaatgtgg cagaattggg ttgtatactc aaagaacctc acttccagtc 180  
 actgttggag gcccatgata ttgtggcatc aaagtgttat gattcacctc catcaagccc 240  
 agaaatgaat aattcttcta tcaataatca gttattacca gtagatgcca ttcgtattct 300

<210> 2444  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2444  
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 ttgcaccagt gtactctagc ctagacaaca gaggaataac ctgtctctca agataaagaa 120  
 ataaattaat taataataat aataattcta taagtgtaat gaaagaggaa agggaaatca 180  
 gtaataagga aggacgtgta tttcaggacc attttaggaa tcagggtggca tattgaagg 240  
 tgatgatgga ttgagattta gacgttcact agggaaatat atagggttaa gcatatgatt 300

<210> 2445  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2445  
 caccctttt aggatattaca ttagttctgt tccagtaaag gcttaggtag gaagcacagg 60  
 atgtagagct gagttgaacc tattccctctg atcttactaa tgaggtgcct gatattcaga 120  
 gagaccaagg gacatcccca aagtcaacca gcaatccatt agagctgagc ctagtacctt 180  
 gattctcaga catgaatgct acttggtgaa ttgaaaattg cattcataat acatctcttc 240  
 atagattcct ggccaggaag cccagagac caaacagtc tttatcaata tttagaatat 300

<210> 2446  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2446  
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 tcattttcct tcaactgtctg tgggtattta tgtacatcag ataagacaac cacctctccc 120  
 agtctcgtca gactggtctc atacaggaga aagatctcaa caatgtatcc tgccagagat 180  
 tttaagggtc ttctccaatc tcaaaaacag actgctatat ctcttttttg tggccactg 240  
 gagcttagaa tgtgttatgt cctgtcagta ccctcatgaa tagtatggta ggagcaagac 300

<210> 2447

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2447

ggtgtaaaga	tatccatgat	gataatgagc	tgagtatata	gttcattctt	cagtatagga	60
aattaaaatg	tgagtttatc	agaatgagta	acttaaagag	aaattgcata	tctcttttcc	120
tgcccttttta	aatgtaagaa	tctctagaaa	tattttttgt	ttaaagtagt	ggtagagctg	180
taaagtgatt	gtttttttaa	taattatatt	tagaagttgt	attttttggg	ttttttgttt	240
ttgtttttga	gacaggggtc	cgctttgtca	cccaggcagg	aatgcagtgg	tgcaatcatg	300

<210> 2448

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2448

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atgaatatct	ctccactcta	cttacatott	tcattttctc	cagcagtgtt	ttgtagtttt	120
tcgtgtatag	gtcttttcaca	tcttttttgt	catgttatcc	ctgaatgttt	ctcatgtttc	180
agttctattg	taaatggttt	ccccggacct	tcagctccat	ctcttccacc	cagggagtcc	240
actgggctct	tcttcacott	cctgcccatt	acctggagcc	tctccccagg	cagtaagtgg	300

<210> 2449

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2449

gctatgtgct	gacaaatgtg	gcctacttta	cgaccattaa	tgctgaggag	ctgctgcttt	60
caaatgcagt	ggcagtgacc	ttttctgagc	ggctactggg	aaatttctca	ttagcagttc	120
cgatctttgt	tgccctctcc	tgctttgggt	ccatgaacgg	tggtgtgttt	gctgtctcca	180
ggttattcta	tggtgogtct	cgagaggggt	accttccaga	aatcctctcc	atgattcatg	240
tccgcaagca	cactcctcta	ccagctgtta	ttgttttgca	ccctttgaca	atgataatgc	300

<210> 2450

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2450

ccatgcccag	ctgtaatttc	ttattaggtg	ccagacatta	tgaattttac	cttactgggt	60
gttgggtaca	tttggatgtc	tttaagtatt	cctgagaatt	attctcaggt	gcagttaggt	120
tacttatgaa	tagtctaatt	ctttagagtc	ttgctttcaa	gctctcttag	ggcaggagca	180
gccttttagt	tatgactaat	atggccctgg	tactgagaca	ctaccattct	aagtacctaa	240
ataccaaatg	ccctgtgtag	catgaggcat	ttcactctgg	ctgataggac	tgtgaactag	300

<210> 2451

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2451

ggggccccc	cgcaaactca	aattccctga	gcctcaagag	gtgggtggaag	agttgaagaa	60
gtacctgtcg	tagggagatt	tgggtagaag	ccctcatgct	gagctttgtg	tccttggtga	120
tgttggaaca	ttaatgatgg	aacatggcca	aacttcagtc	atgatcctga	aacctgggct	180

tcaggatcat gactgaagtc a	tttctt cctgccaga aatgaaggtt c	atgag	240
gcaaccctct agtaaggcat tg	aaagtt actggatttg gttaataaaa ag	gaaata	300

<210> 2452  
 <211> 175  
 <212> DNA  
 <213> Homo sapiens

<400> 2452		
ctgaatccag tcagacttag aagtagaagc tcgcagagag gaaagtctgc gtctcttcgc		60
aatttggtcc tggcgcttct ctttctaagt ctgaatccag tcagaaataa gattttttga		120
gtaacaaata aataagatca gactctgaaa aaaaaaaaaa aaaaaaaaaa aaaac		175

<210> 2453  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2453		
aggacctcca gttaaatttg aatttcagat gcctatgaat agttttcagt ataagtatgt		60
cccattgcaat acttgggata cgattgtgct gaagtgggtt tcattgtttg tctgaacttc		120
aaattttaact ggacatcctg tatttttatt tgctgtcttg caacttggtt ctgagagaga		180
gacccgagtt cttcccatte acactgtgtg ttgggcaggg catttgggcc acttgatgtt		240
ggctaggtag gttctcatct tgagaaacca aattttctgat tcccagctct gtgccggtac		300

<210> 2454  
 <211> 133  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(133)  
 <223> n = A,T,C or G

<400> 2454		
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tgtgagtgc cactccaggc cgttntgctg ctgatnactg gtnngaaaga tcaagcttac		120
gaanaacctt ctg		133

<210> 2455  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2455		
aagagaccat catctcatca aagagagtta aaagtaggga tgttctctgc aaggcctctt		60
ctgatatgat taattgattg taaattaagt aatcaaggca tactttgttg atttgtcata		120
tctgggtaaa aggtttatgg tttatttaaat aaatgaaact gcaaaatcag ttttctacat		180
ttctgttata tttttgttaa agcacttaaa agaatttctg ctctgtccag gggcaagatt		240
cttgccaaga gaattaatgt gcgtattgag cacattaagc actctaagag ccgagatagc		300

<210> 2456  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2456  
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 gaactttggt gttaacagcc tgtttcctat ttgtaggggc tgactttgac ttagcagatg 180  
 cctttcgtga tggaggaaat aacgaccag cacctcttaa ttcacccaag ctgaagccaa 240  
 atgogaaccc tgagcagcct ggattcattg acgagccagc accactgaac ccacccaac 300

<210> 2457  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2457  
 ctcagcctgt ggccaggggt gtgtctgaag agaaatccct catgttcac aggcccaaga 60  
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 tggctgacag cgtgtgtcgc tatgacctca atgacatgga tgctgcatgg ctggaactga 180  
 ccaatgaaga atttaaggag atgggaatgc ctgaactaga tgaatacacc atggagaggg 240  
 tcctagagga atttgagcag cgatgctacg acaatatgaa tcatgccata gagactgagg 300

<210> 2458  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2458  
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 tattaagtaa agaagattat attagtccat tctgacatta ctataaagaa ctgtaggaga 120  
 gcagccccag tgcttataga taaaactccc atctccctag gacagagcac ctgggggaat 180  
 gggcggtctt ggggtgcagct tcggcagact taaatgttcc tgcttgccag ctctgaagag 240  
 agcagcagat cccccagcac agcgctcgag ctctgctaag ggatggactg cctcctcaag 300

<210> 2459  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2459  
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 ctacctgttt ttataaataa agttttattg gaacacaacc atgctggggg ttgtttcata 180  
 tttcctgagg ctgttttcac actgcaatgg cagaggtgag tggttgacac agatgccgtc 240  
 tcaccaaagc ctatgatatt tactgtctgg ccctatacag aaaaagcttg ctgacctctg 300

<210> 2460  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2460  
 gagatgtgtc cagcgcccc tgtggtgtgt gagagaaagc agctgcaact caagtgacta 60  
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 gttctgaagg acagcgccaa agatgggtta gagtcaactg tgtgggagtc ttcgtcccca 180  
 cacagaggac aggtgtctca gctccactgt gcaagatgat gcacaccag accagtgcg 240  
 tcaggacgat gctgctcacg acagcaatgg tgaagatgcc taccgtggtc ccctcctcc 300

<210> 2461  
 <211> 300

<212> DNA  
 <213> Homo sapiens

<400> 2461  
 gaaaggccag tgacatttca gtattagtga catccagggt tcgttctgta atacttcaag 60  
 agcgcggtga tcgtgatctc aatggcctcc tctcttctact cgtccagctg ctttcagccc 120  
 ccgaagcccc aacactgttt ggcttccaat cactagtaca gcgagagtgg gtggcagctg 180  
 gacatccctt cctgactcgg cttgggggaa ctggggccag tgaagaggct ccggtgtttc 240  
 tcctcttctt tgattgtgtc tggcagctcc tccagcagtt tccagctgat tttgaattct 300

<210> 2462  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

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 ccacacctt cctcctctgn tctggntgnt aangnaagcc ctcccggttc ccncaggcta 180  
 tgatgctgca tggcanatnc tgttataact cannctaca tantggaat tttttanttt 240  
 tctaaatacc natncngttt tntcncngtt acaat 275

<210> 2463  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2463  
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 ctttcctatg agcaaccata cccgggaaag agtgactgta gccaaagctca cattggagaa 120  
 tttttatagc aacctaat taccagcatga agagagagaa accaggcaga agaaattaga 180  
 agtggccatg gaagaagaag gattagcaga tgaagagaaa aagttaccgt cgatcacaac 240  
 acgctcgcaa agaaacagag ttcttacggc tcaaaaggac cagacttggc ttggatgact 300

<210> 2464  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2464  
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 tctgtgtaga gttcatggta cctgtgtgct ctgtggctag gtcctcagag tcagtccctg 180  
 ggcaggact gtcagccttc agttttcccc acagactgtg ttcttgggccc tgaatcgctc 240  
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<210> 2465  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2465



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agtgaccagg	tgcattcttca	gcttgcattc	ccttcccagg	agccaggcca	ctccctcagg	180
tgccagaggc	tgggtccctg	ctggggccag	gggtgggatg	aaatagacat	gagcaagaca	240
aaatagcaga	tatgaaactg	ttgtccttga	gggtgtcaca	tttggggtg	ggacaagggt	300

<210> 2466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2466

gccatacaag	agactccaga	tatgcagcta	gagaaactta	aggaagggtga	gcttatcaac	60
gtgcattcag	aaagtgggta	tgattacaag	aatgaagata	tcccagagga	attgacattg	120
tcagaaaact	tcacattaat	cgaattctca	gagatgtctc	acaacattga	aagcacaaaa	180
gatgaaatgt	tagaagctgg	tgcacagtaa	ggataaagga	gtatggcagt	tcaccaaggc	240
atggaaaaga	tgctgtctcc	atattgttaa	gttatacagt	gagaagaagg	aggcgaacat	300

<210> 2467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2467

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catttttctca	gtttcagatc	ctctgctggt	ttattgagtg	gaaagttgag	ctaaaacggg	120
tcaagaagaa	taatgttgca	tttccttatg	tctcaggaaa	cactttttat	ggtaacttgt	180
cagattgtct	atgaacaaac	ccactttttt	agacattgat	aaagtcttct	tttcttcacg	240
tgatatttta	tacaagagca	cttcagatgt	attagatgtg	actgatttta	acaaatccta	300

<210> 2468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2468

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atctgcgaga	tgaccctgca	ggaataccac	tatgtccagg	agaaggcttc	caagctagct	120
gctgcctcct	tactcctggc	cctctacatg	aagaagctcg	gatactgggt	tcccttcctg	180
gagcattaca	gtggctacag	tatctctgag	cttcaccctt	tggtcagaca	gctgaacaaa	240
ctgctgactt	tcagttctta	cgatagtctc	aaggctgtgt	attacaagta	ttctcaccgc	300

<210> 2469

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2469

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aagggtgtgt	gggagaattt	aggatcttgt	tgaatccagt	ccaggtaact	aaagaaaaaa	120
actttttata	ttaatgtttt	cattttcccc	aaaatgcaat	gattattaat	gcttcaagtc	180
actaatcacc	tgatcatagg	aaagaataat	aattacaaaa	agatcagcca	tttaaatatg	240
tggataaaca	ggcactcttg	tgggaatata	aaatggtaca	acctctttag	aagacatctt	300

<210> 2470

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2470

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ctcaacctcc	tgagctcaag	tgatcctctt	gccttaacct	cccaagtagc	taggaccaca	120
gggtggcatg	accacacctg	gctaagtttt	aaaatttttc	tgtagagggtg	gtgtctcact	180
atgttggcca	gactggcttc	agatgcctgg	gctcagcagt	cctcctgcct	caacctcca	240
aagtgtctga	tgattgtttt	aaataggaaa	aaatttagaa	ttttataata	tcaaggcact	300

<210> 2471

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2471

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tgactatgat	gcatgtcaca	taaaacagtt	ttctttctgt	tctattgtgg	agtttttctg	120
gggctggaga	acattctttt	gttatttcca	aacactgtct	ataattacca	gacatgatat	180
aaacacataa	ggtgccaaact	ggaattttact	ctagagggga	ctttccctct	cagacttcca	240
gtcaactcac	acttgtgcaa	caaagtgcac	gctgtcccct	aaatatgcaa	gcagaactgt	300

<210> 2472

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2472

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aaacaaatat	ggattaattg	cctcaaattt	gcatanntga	ttggctanng	attcttgcnt	120
gcaganngtg	nagnngtana	gacnctatcn	gnngcangcc	gntnctnnnc	naccataaga	180
tcgtgcatta	tcctatgaca	agatgaagcc	cacagatatg	cccagannnc	agancacttc	240
ctgnncccc	gcgnaancng	annnagncct	ggncgtnann	ctggcntccc	tacgcgacac	300

<210> 2473

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2473

aagaccaagc	gcatgcgaac	ctcttttcaag	catcaccagc	tccggaccat	gaaatcctac	60
tttgccatca	accacaaccc	ggatgccaaag	gacctcaagc	agcttgccca	gaaaacagggt	120
ctgaccaaaa	gagttttgca	gggagaacaa	atcttggggc	attacagcca	aacatcccga	180
cgtttgaaaa	ttccctaaag	tattaaaaga	aggggaaaag	tttgatcgga	aatccactgc	240
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<210> 2474

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2474

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gacacaaatt gttcttgagc aagggtgg tcaaagcagt cagtgttctt gactgag 120
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<210> 2475
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<212> DNA
<213> Homo sapiens

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<223> n = A,T,C or G

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cttcatttcc attatggctc ccatagcctt tgagatagtt ggtgcccang atgtctncca 240
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<210> 2476
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2476
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attgtcattg ataacatctt atcaggagac aggggttttg gatcaaccag tctgaccaa 180
atttattagg cggaatttc ctcttcttaa taagcctggg agcgctatgg gagactgggg 240
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<210> 2477
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2477
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agaatctgta atatccctga tgcagcaaca attgatcaca tgctttcaca tgtgaccaca 240
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<210> 2478
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2478
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<210> 2479  
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 <212> DNA  
 <213> Homo sapiens

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 gtgtagcatc tttggggccc tcattgctgt gtgcctcatc atgggtctct tcgatggatg 180  
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<210> 2480  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2480  
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 aaatcttttc atgaagcccc aaggacacaa aacattttcc catttaaagg aaaacactct 180  
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<210> 2481  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2481  
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<210> 2482  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2482  
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 ccagcgcgct cgtcatttcc ggactctctg ctgcggaggg gggcaatacc agtgacaccc 240  
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<210> 2483  
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 <212> DNA  
 <213> Homo sapiens

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<210> 2484  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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aaaaaaaaaa ttaattaatt gcctntggnt taaacgtaaa ancntttntt ggancagcnt	180
aaangcntaa aatctgtttt tgttccagggn ggttggttaac aggactcatt ttttnggnct	240
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<210> 2485  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2485	
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ctgggcgctg ccatcccat ttgaatgttt ctctgacatc atgtgagaaa gcatgggtat	240
ttcaggtgtc aagatcattt tatgtccttc agtcattagg gatagtttca gttaatgtcc	300

<210> 2486  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2486	
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<210> 2487  
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 <212> DNA  
 <213> Homo sapiens

<400> 2487	
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aagataaact gatagatttt taagtaactt ttgtcttctt tgtcagtgat tgtcaattag	180
agagagtcag gctatgagag gtaggctacc tgagtgtcag aatgaggtaa taagaataat	240
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<210> 2488

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2488  
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 ttccaccccc acctctgccc aggcgcgagg cccagctca ggctcgtgcc caccaccaa 180  
 gttccagtgc cgcaccagtg gcttatgcgt gcccctcacc tggcgctgcg acagggactt 240  
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<210> 2489  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2489  
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 gacagtgtgg cttgtcacag gcctagagtc tgagggaggg gagtgggagt cttancnntn 180  
 tcttgntcta ggnttnatgg naaccanttn ttcacntttt tannatncct tgntttatnn 240  
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 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 aactctgctg cagtgttcag antgtcacac agcccaactt tagcccgcat ctncaancag 180  
 gctttctacc ataccancc cacagcatct ggtatgacag actcccgggt tagctnacac 240  
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<210> 2491  
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 <212> DNA  
 <213> Homo sapiens

<400> 2491  
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 gccctttcaa aaactaaatg tcctttgtta aattaatgaa aagccaccag atggggagga 180  
 tgacaggggc ctgaattctg ctaagatgta ggcatagtta aatgattacc agtcattatt 240  
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<210> 2492  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2492  
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 acaatatgcc tagggacttt ctcatggctt ttatttaata aggaggctgg gcaccctata 180  
 aagcctcatg cattcacacc ttgacagcat ggtttatgcc tcagtgttat gtgactgga 240  
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<210> 2493  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2493  
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 ttattattgt tatttaattt tattttattg caactgtact tagagaatag tctggtcttg 180  
 agaccttttc actgtggtct gttctggtgt acggctccca ccagtgtgaa gcagaaggat 240  
 gactttgctc tgttggtcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg 300

<210> 2494  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2494  
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 cacaacatct atgcctacag aatatattgt gaggataaac agaccttctt acaggattgt 180  
 gaggatgatg gggaaacagc agctgggtgg cgtcttcttc atctcatgga gattttgaat 240  
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<210> 2495  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 2495  
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 tatttgatgaa atttgatgat ctattgcttt atttgtaacc attataagct gcaataaaca 180  
 agttaacaac aacaattgca ttcattttat gtttcagggt caggggaggt gtgggagg 238

<210> 2496  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2496  
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 cgcacgcaat ctgcctcgga gacgttgata acgatacgtt aaatgaactg gtgggtgggag 180  
 acaccagcgg gaaggtgtct gtgtataaaa atgatgacag tcggccatgg ctcacctgtt 240

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300

<210> 2497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2497

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ggcagagt	ttcgacgaggtg	ggctccgggc	aaccgcaggg	ccaagactct	ctaggaccag	180
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<210> 2498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2498

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cctgatcctg	tcatttcaat	agcaatgaag	ccttctaaca	agaacgatct	ggaaaaattt	240
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<210> 2499

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2499

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aagtataggc	agatctctcc	ctcatataac	ggatgtttct	tggcgcttgg	aatatcagat	180
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<210> 2500

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2500

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<210> 2501

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2501

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<210> 2502
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2502
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<210> 2503
<211> 759
<212> DNA
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<222> (1)...(759)
<223> n = A,T,C or G

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<210> 2504
<211> 725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G

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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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<210> 2506  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2506						
gaggggggnt	tnaagaccct	tgctacttgn	cttttttgcag	gatccctcga	ttcgaattcg	60
gcacgagcct	gcctccatt	ctatgcaaag	tcacccctcc	gtgcactgag	ataaatgctt	120
atctaattgc	ctccttttga	gaggctcatc	agaaactcaa	aataatgcaa	ccatttgact	180
ctcacctacc	tgtgacctgg	aagatccctc	tctgcttgag	ttgtcctgct	tttctggatg	240
gaaccaatgt	tcatcttaca	tatattgatt	gatgtctcat	gtctccctaa	aatgtataaa	300
accaagctgt	gccctgacca	ccttgggcac	atgtcgtcag	gacctcctga	ggctgtgcca	360
caggcatgca	gcctcaacct	tggcaaaaata	aacttttctaa	attgactgag	accagtctca	420
gatattcagg	gttcacagta	tccaaaaatc	caatcacatc	tgaaccgccc	tttgcaaaaa	480
ttatcacagt	gagaaaataa	tggcagtga	agaaagctga	tctagccaac	ctccctcttg	540
ccttttagctt	tcaagctgct	tttacttatt	cctgggttta	agccaagcta	catgtgggag	600
tcatttagtt	gatagtttaa	attataataa	ccctttcccg	aaacttaacc	acccttgtaa	660

tactgagaga ccaccaggct a g g g a n a n a g a c c t a a a t t c t g c t a a g t a g a c  
 a a a a c a a t t g t g a n g c g t t t a a a a g c c c

720  
 752

<210> 2507  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2507		
nnngggnggt	tttanatcag	ctcttggtt
aagaggaagg	taagtagata	aataggaag
cgagagaata	ggtatcagat	tagggattac
caaagcagcc	acaataatat	tgatttatgg
tctcatcatg	ttgaatttct	gctccagata
cttttatttt	tcagaatgat	tcaaaggatg
catctaaatt	atacttgagg	tggagaggca
gagctataca	cagcagatcc	tggattagga
cttttatgaa	ctccttttaa	aaaattgcaa
caactccact	ggatgacaga	gaaagacttc
cagataaccc	ccgcggggcc	ggagatttct
gagtttatgc	atcacagtna	catgtcactg
gctgngtcgt	gag	

60  
 120  
 180  
 240  
 300  
 360  
 420  
 480  
 540  
 600  
 660  
 720  
 733

<210> 2508  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 2508		
gngggnggntt	naaatanaca	ngctacttgg
ggcacgagct	ggtcaggggt	tgactcagga
actgccaaag	agttagacca	agctgcagct
tgttactttt	ccacttagaa	tttttggaat
ttcaaagcaa	agtgttaaca	tttttgaaat
atgtctcctc	ctactggggc	atggagcaag
aaagaaagct	aggatagtgt	gtcgtgctg
caacagcctc	actctactag	aataggtctg
ccactgggtg	ggatttcaga	tctagaatct
aaacacattc	ttaacagttt	caggggagat
tatatgtgtc	tgntttctgc	ttttggtggt
agaantgatg	ggaagacctn	aagaaagctc
agttttctct	cacaaggcta	gtcagaaaaa

60  
 120  
 180  
 240  
 300  
 360  
 420  
 480  
 540  
 600  
 660  
 720  
 750

<210> 2509  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 2509  
 gnnggggtntt tananccagn ctctgttctt ttgcaggatc cctcgattcg aattcggcac 60  
 gaggtggcat ttgatgctgt gggttggagc ccagcttttg ggtcagacac acctggggtt 120  
 gaatcacatt gctgcccctt ccaggctcac atcattttat ttcttttttc tttttcttn 180  
 tttttttttt tttgaggcag gagaattgct tgaacccaag aggcggaggt tgtggtgagc 240  
 cgagattgca cctttgtctc cagcctgggc aacgagcaaa aaactctgtc tcaaaaaaaaa 300  
 aaaannnaag aaaaagaaaa atggcttcca ggacagagca tgctcatttg ctggcggaca 360  
 gttccagaaa cagaccctgt tagtccttct acttacctgc tggatttttc aagccctaaa 420  
 tttataactt tttgaaacaa aataatgngt aattttccat ttgggggcaa actctattct 480  
 tgngagcatt attaaaatct tggttggtaa atatattggc tttctcttaa tattgctctg 540  
 ggtcaggaag aagctgttca cgggtgtgata atactcttta gatgggcttt cattattata 600  
 gatgcatcat gtcttctgct ttcacgtgtc tggggatggg gtcaaaaatg catccttcag 660  
 ctgacagaaa aatccaggat gagatccgaa ggatactggg gtttctgact tttccaaaat 720  
 acttggtngg tttcattaaa aaaaa 745

<210> 2510  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 2510  
 cttgggctttt tgcaggatcc catcgattcg aattcggcac gagcagagct tagacatcca 60  
 aaactaatca atgctgaggt ggctaaatac ctagcctttt acatgtaaac ctgtctgcaa 120  
 aattagcttt tttaaaaaaa aaaaaaattg ggggggttaa tttatcattc agaaatcttg 180  
 cattttcaaa aattcagtg cagcgccagg cgatttgtgt ctaaggatac gattttgaac 240  
 catatgggca gtgtcaaaat atgaaacaac tgtttccaca cttgcacctg atcaagagca 300  
 gtgcttctcc atttgttttg cagagaaatg tttttcattt cccgtgtgtt tccatttcct 360  
 tctgaaattc tgattttatc cattttttta ggctcctctt tatctccttt cttaaggcac 420  
 tgttgctatg gcacttttct ataacctttt cattcctgtg tacagtagct taaaattgca 480  
 gtgattgagc ataacctact tgtttgnata aattattgaa atccatttgc accctgtaag 540  
 aatggactta aaagtactgc tggacaggca tgtgtgctca aaggacattg attgctcaaa 600  
 ttttaaggaa atgggnccaa tgaaccgtng gttgtgggga aggggaaaga ngaaaccnga 660  
 gcttggtcan aatgtggaaa tnggatctgg tggnaataaa catgtttaaa accaanccnn 720  
 nnnnanaaaa aaaagncctt tttta 745

<210> 2511  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 2511  
 nggttnttta nanncaggct cttgtctttt gcaggatccc tcgattcgaa ttcggcacga 60

ggtaaaacat	gtaatttggg	caagac	aatgctgctg	ccaactaaca	tattgat	120
tcattaagat	gttatttttg	aggttcct	ggtctttcac	tgacaattcc	aaattcttt	180
acttacagtg	gaccaatgga	taagtctatg	catctataat	aaactataaa	aaatgggagt	240
acccatgggt	aggatatagc	tatgccttta	tggttaagat	tagaatatat	gatccataaa	300
aatttaaagt	gagaggcatg	gttagtggtg	gatacaataa	aaagtaattg	tttggtagtt	360
gtaactgcta	ataaaaccag	tgactagaat	ataagggagg	taaaaaggac	aagatagatt	420
aatagcctaa	ataaagagaa	aagcctgatg	cctttaaaaa	aaatgaaaca	ctttggatgt	480
attacttagg	ccaaaatctg	gcctggattt	atgctataat	atatattttc	atgttaagtt	540
gtatatTTTT	cagaaattat	aaatattatt	aatttaaaat	ttgaatttgt	gtttgactaa	600
caacctcgat	gggatcttct	tcaaccttcc	attaagatcc	ctgcagnaag	aaaatnggaa	660
aatattcaaa	tanttgcaaa	ggtggtaaat	tggngaagac	caacttaatt	attaataccg	720
tggttnaagg	tttcttactt	gggaccccca	ttggnaaatg	gganttaaag	aaaaa	775

<210> 2512

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 2512

ggtangnatg	gggtttttnc	agcacttggt	agttttgcag	gatcccttga	ttcgaattcg	60
gcacgagcct	gcatgcnntg	ntgcnnagtg	nntgangnct	gaaactcngg	tatnncncat	120
angnctgtga	ncantgatca	ntagggacnt	aagatncata	tnntgctgct	ngnnactgaa	180
nnncntgtgg	ngntntagng	nngntgtatn	cctcngngga	nantntccan	ncatngtggc	240
aggcacctnt	agtcccagct	actcgggagg	catnaggcaa	nagantggcg	tgaacctggg	300
aggtggagct	tgnagtgaag	ccaagatcnt	gccactgcac	ttcagcctgg	gtgcagatga	360
gactccgnct	taaaaaanaa	cagaaaatac	gctcaatnan	taatacattt	ctgcccaga	420
taagagnctt	cccttttgtg	gaatggntat	gaaaaatatt	ttnaagannn	ttttttaatt	480
aaccaatant	gtcttgatta	cttnnncctt	tcatttgcct	ggatcatcat	ntnaatngnc	540
cttgggaaat	gtgatgaaaa	anggtaance	ctttggntat	ggaatantng	cntagatgan	600
cattngaatt	ttaggggana	agactattgn	ttngggaaan	cttgtaactt	ncttttttgg	660
cntnnaaaaa	ttgtcnnagg	gttttanaan	aaaaantttt	ggattggntt	ccgttgngtn	720
attactngna	aatnctanna	actttcggnt	agggcccan	tttaatgaat	ttttntanc	780
ccctntannt	ttcntaanct	aanncttgtc	aaanaaan	t		821

<210> 2513

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 2513

ggtangnatg	gggtttttnc	agcacttggt	agttttgcag	gatcccttga	ttcgaattcg	60
gcacgagcct	gcatgcnntg	ntgcnnagtg	nntgangnct	gaaactcngg	tatnncncat	120
angnctgtga	ncantgatca	ntagggacnt	aagatncata	tnntgctgct	ngnnactgaa	180
nnncntgtgg	ngntntagng	nngntgtatn	cctcngngga	nantntccan	ncatngtggc	240
aggcacctnt	agtcccagct	actcgggagg	catnaggcaa	nagantggcg	tgaacctggg	300
aggtggagct	tgnagtgaag	ccaagatcnt	gccactgcac	ttcagcctgg	gtgcagatga	360
gactccgnct	taaaaaanaa	cagaaaatac	gctcaatnan	taatacattt	ctgcccaga	420

taagagnctt	cccttttgtg	g	gntat	gaaaaatatt	ttnaagannn	t	taatt	480
aaccaatant	gtcttgatta	ct	nnctt	tcatttgcct	ggatcatcat	nt	atngnc	540
cttgggaaat	gtgatgaaaa	anggtaance	ctttggntat	ggaatanng	cntagatgan			600
cattngaatt	ttaggggana	agactattgn	ttngggaaan	cttgtaactt	ncttttttgg			660
cntnnaaaaa	ttgtcnnagg	gttttanaan	aaaaantttt	ggattggntt	ccgttgngtn			720
attactngna	aatnctanna	actttcggt	agggccann	tttaatgaat	ttttntanc			780
ccctntannt	ttcntaanct	aanncttgc	aaanaaan	t				821

<210> 2514

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2514

nggttttaga	tcagctactt	gttctttttg	caggatccca	tcgattcgtc	caaccctggc	60
gatgtcacca	gcatggtggc	tcagggttaga	gctctctgag	gaccagcat	agagcactgg	120
tgccagggac	caaactgaga	ccccaccacc	gtcatcaaca	cttacatacc	ataaaggtct	180
tcagagtgcc	ttggccctag	acctcccttc	attcttttga	gagatggaat	ctaagaatga	240
aacatctcca	ctcagtcctg	caaatatgga	agttcttgag	ataccttttt	ttggtagata	300
cttgtgctgg	tattctgaga	gtcactttac	tctgatgggt	tgcaagattc	ctaaaatcaa	360
ctccagagct	tacaagacag	gtttgagaga	gggagaaagg	aaaaccaact	tactggcccc	420
catgccatct	tttcccggtt	agccattggt	aggctgggct	gcacctctgt	caagtgtcct	480
catggtattc	tctctgttcc	tctcctcagg	ccatgggtgt	atatggagcc	ctcaccaaaa	540
gccccagtgc	cagggactnc	agactcactc	ttcagtgagg	gcagcagaga	tgtccagggt	600
acagatgcaa	gtcttgatga	ggaacttgat	cgagtcaaga	tgagttantg	gaactgggct	660
tggccagggg	gtctggggac	aaggaagcag	atttctctgat	tctggctcta	ctttcctgcc	720
aagatttggn	tttaattttt	aattgga				747

<210> 2515

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2515

gntnggttaa	nccagctctt	gtgcttttga	ggatcccatc	gttcgaatnc	gnctngagag	60
acagantnct	gantggaggg	gntgaaactt	cnnagggnga	cagagctgtn	cnagncttgn	120
gngctgcnta	tgagcactgg	gttcccnag	anaagatcct	cncnactaat	actgggtctt	180
cagagctttg	caanntggcn	ncaantgctt	ttcttgccca	nagaataanc	agcatnaact	240
ccatangngc	tctgngtgaa	gcancangag	ctgatgtata	ncangtagcn	ncagcnattg	300
gaatggacca	tanaatngga	aacaagtttc	taaanccann	gtagggntag	gtgggagctg	360
ttancnaacg	gatgntctga	attaggatna	tctntgtgan	gctctgaatt	gccanaatnc	420
nctcgttatt	ggcancaggt	natagacatg	antgactacc	ataggangag	gttcgcttnc	480
cggatcatag	atagcctgtc	taatacctaa	ctgattanaa	gatcctatct	tgggattngc	540
attcaaaann	gacactgggtg	attcaagaga	atcttctagt	atatatctta	gcacatattn	600
cgatggatga	aggtgcacat	tnacntatnt	atgaatccan	aagtnccan	ggaacaantn	660
gtngnggatc	ttgnctatca	agtgttttag	aggatgacca	attntnccgg	cttgnggacc	720
atttcnaagn	ntccttttga	agcnng				746

<210> 2516  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 2516

gntnggntcn agancagcta cttgttcttt tgcaggatcc ctcgattcga attcggcacg	60
agcctgcagc cactaatgca ttgtgtatga taacaaaaac tctggtaga cacattttct	120
gtgatcattg ttaatttagtg acatagtaac atctgtagca gctggtagt aaacctcatg	180
tgggggtggg gtgggggtgt attccttggg ggatggtttg ggccgaatgg ggagtggaa	240
atttgacatt tttcctgttt taaattctag gatagatttt aacatccttt gcggtcccag	300
tccaaggtag gctggtgtca tagtcttctc actcctaate catgaccact gtttttttcc	360
tatttatatc accaggtagc ccactgagtt aatatttaag ttgtcaatag ataagtgtcc	420
ctgttttgtg gcataatata actgaatttc atgagaagat ttattccacc aggggtattt	480
cagctttgaa accaaatctg tgtatctaact actaaccaat ctgttggatg tgggttttaa	540
aaaatgtttg ctaactaccc aagtnagatt tactggatta aatggccctt cgggtctgaa	600
aaagcttttt taacttcttn gcttaaaatg ccgtttaatt ttgataagat ncttnaaatn	660
gcctccaaaa gtgttananc caatcatttn aaataaacn ggntgtatat tgcattatgt	720
gtacatgcnt atncccttct ggttaaaact naaaaaaaaa t	761

<210> 2517  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 2517

nggntctata gcangctact tggtcttttt gcaggatccc atcgattcga attcggcacg	60
agctgggggt cctgcagtgc ccgccttctt agctcagggc ctttgcatag gctgttcctc	120
tgccctgggtg cttttcctgc tacttcccgt ggctgcattt gcttaactta ctcttctgat	180
ttcagttcca atgctgcttc cttaggggta agccttctct gaccctacat tctgtagaga	240
taccccatc ctgccattct ctcttttgtg gcctgggttt cacttgaac taagtcatta	300
tccctgtatt tggtttgcct agtacatgct tgctctcaag caggggctgg cttcaggctg	360
ctgaccctgc tcaactgctcc ttctcaccgc ctccctggctg tggcttctcc tcgaggctgg	420
tgctgcacgg ggcgggcagt gcatggccat gtctccttgt cagcgtccta cttacaagtt	480
gaggaagccc acagccagga agtgacttgt ccagggtcac agggaatgtg gagagagaat	540
aagaaggctc tggcttctan ggganggang cttataactc tacactttcc tggccaggat	600
caccagggtc tgttggggaa cacataagtc cctgcctgga tggtaaccct tttgccttct	660
tccaaatgtn caatgcctgg aanacggtgg cctgccgggg gaccaaggac caacttttta	720
tgcaggaaaa anccccggaa cttctgggcc	750

<210> 2518  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2518

ggngngntcn aaagccangc tcttggtttt tgcaggatcc ctcgattcga attcggcacg	60
agctacccta cagatattga atgcaccttg agataattta gtgtttttta ctgatacata	120
atztatcaag cagtacatga aagtgttaata ataaaatgtc tatgtatctt tagttacatt	180
caaatttgta actttataaa catgtttttat gcttgaggaa atttttaagg tggtagtata	240
aatggaaact ttttgaagta gaccggatat gggctacttg tgactagact tttaaacttt	300
gctctttcaa gcagaagcct ggtttctggg agaacactgc acagcgattt ctttcccagg	360
atttacacaa ctttaaaggg aagataaatg aacatcagat ttctaggtat agaactatgt	420
tattgaaagg aaaaggaaaa ctgggtgtttg tttcttagac tcatgaaata aaaaattatg	480
aaggcaatga aaaataaatt gaaaattaaa gtcagatgag aataggaata atactttgcc	540
acttctgcat tatttagaaa cataccgtta ttgtacattt gtaaaccatt tactgtctgg	600
gcaatagtga ctccgtttta taaaagcttt ccgtagtga ttggtatgga ttaaattgcnt	660
taaaatattc ttagactcga tgctgnataa aatattatgg gaaaaaaaag aaaatccgta	720
ttttgnctct naactttttat tgaagtttt	749

<210> 2519

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 2519

gngtggnnnn nntttctnaa atagcgctct tgtcttntgc aggatcccat cgattcgaat	60
tcggcacgag gaaggggttt aaaaaggaaa aggtgtggaa gagatgcagg agtgggtgcag	120
gtctgaatgt cttgttgta tagttatatt gagtaattgc ccatctggag gtatggtttg	180
tgtcatcttg acttcagctg ggtaatgcta ggctaactgt tcgaaactcc ccccatgcaa	240
gaggagtctg caactccatc tctgcttggt ttgtttcaaa actggcccct gaaatttcta	300
agcaagtacg taattagata agtgaacact gttcatggac atgcctgggt ggaaaggagg	360
aaactaagg tttcaaagta tgcttcagg ctgaaagcaa aaaggaaaaa aaaatgttct	420
aaattgcatt ttgagggttg gatactcggg ctatgaaaag tgatgaatta gcttctctat	480
tagtaagact ttataacatc tatatgnttt taaaattttt acttatttat tgggtaaaag	540
aagcatttaa atgtggccaa gggctnttga caaagttctt angtaaccaa tggtagggaa	600
naatgacttt ttggggcaac tttttgggaa aaattgacct tgcttaaaaa gccaaatttg	660
gttaanncna cccccaaccc ttgacaangg gtttcngnaa ntnnatnggg gggccgccca	720
aangngggaa accttggggg tcccaaagaa accttccctt gggggcccct tgggncttan	780
cccantnaaa ttgggg	796

<210> 2520

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(979)

<223> n = A,T,C or G

<400> 2520

gngnagnnnn nttnnngnn gcnggnnnn ngnnngnttt ttngatcage tcttgttctt	60
tttgcaggat cccatcgatt cgcacactcc aggtgagaa aagagtaatt aggaggcctg	120



aggagggggcc	cgaggaaagg	ctgggggt	gtgctgggggt	tggtacccga	gtttccc	180
ctcacctcaa	ccagagaaga	gcctccggtt	gcttttttaa	gcttttagcc	tgctctanca	240
aggacaaagc	atgttagatt	agagatgctt	ctgctgatcg	caggggttct	tatttgaaaa	300
catctatgat	gggggtgggg	tggaaggaac	aggttgtggt	tntgcaggaa	annntgnnct	360
aaaaattntg	antnngnggg	tnaggnnnnn	natnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	979

<210> 2521  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 2521						
gcggtcnatg	ctgctcttgt	tctttntgca	ggatccctcg	attcgaattc	ggcacgaggt	60
gtgagttgca	tataacatat	ataaaagctg	taacctggga	aaaagttatt	atctggaagc	120
tttagaaatt	aatgttattc	tttcttaagt	atcatcagga	aattaatcaa	aatggccacc	180
ttgataccaa	aaataaggtt	ttggggcata	acatcccttat	gaattcaa	gttagtcatt	240
tcacatatct	tccactttat	ttcattaagt	ccttcctagt	agacactgtt	caaacattat	300
tcaccattta	ctaagtctgt	tacaacatta	ttttagaaga	tggtatgga	tagctgttct	360
agctttttaa	gttttcagtg	taaagcacca	tgtgctaaac	attggccagg	atattctgta	420
tgaaatggct	ttagttacag	gcctgtctga	caacagtttt	catcagaaaa	gtatgcttat	480
tttcctttct	tttagaaaat	ttggctgaaa	gcaatttttg	caaagtcagc	atagccttaa	540
gtgtcacatg	agaaagatgg	aattgaagtg	gctgttaggt	agacctgacc	tgggtatggt	600
gactgtggtg	acatgagtc	tttgaggagc	acagcgtctc	tncagcatct	ctcttctgag	660
ggtcactctc	ttttgtaggg	gcttaccccc	ttgncaatgc	tacacacaaa	aaaaa	715

<210> 2522  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

<400> 2522						
gnggttttnt	cttgngcagg	atccctcgat	tgaattcgg	cacgagcccc	tctccacatt	60
gacctctaga	agtgggcctg	tccaactcct	aagtccancn	ttcccacacc	gggcagaaaag	120
ctttttactg	gccccgttgc	tcccgggtga	ggcctaaaca	cttgatgatg	atgaagatga	180
atatgngatg	atggtagcca	tcacacagnn	tttcccntgt	aacctncca	acaacctgc	240
angggcaaata	gtntcaccat	cctcnttttg	caaataaaaa	gctgatggct	canagaantt	300
aatgacttg	cccaagggtga	ctgagccant	angccacana	caggctccaa	atcccantct	360

ggaccgattg	gatgggcatt	cggtggg	ccggctccct	ctctggcaag	gcatgc	420
tccccagtg	ccctggcttc	agntggct	ggatcagtaa	aganccaagt	cgatgacaa	480
gtcagggaaa	actcatgttt	tgnggctaag	aantattgct	acccttaatc	tcttcacttt	540
ctcttnagct	ncatgaagga	gcattttaact	tttngaagga	gtcattttcc	acaaaggaaa	600
cagttcttaa	aaatnctgng	gggttgggct	cactggctna	cacctggatt	tccagcactt	660
caggangcca	agatgcagat	cactcgagcc	ttaanaagtt	caagaacagn	cccgggtaac	720
gtggca						726

<210> 2523  
 <211> 868  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(868)  
 <223> n = A,T,C or G

<400> 2523						
ggcnggtctt	gcctttttgc	aggatcccat	cgattcgaat	tcggcacgag	ggccagtagg	60
tgctaagggtg	gacaccaccc	cttcntccct	ntncagaccc	atcccaccac	cgtggntttg	120
nccnttcena	gctgcntaat	cactggacca	cctgggatta	cnngngtgan	ccancacaac	180
ngtctctgtac	nctatgntgg	atncctantt	agatntcctg	nctntntgga	tannnnanna	240
cntnancaga	cnatgaacng	tntgnacata	ttatatnaca	tgnangatgg	ttgtganacn	300
nttngtacng	tagaagtgtc	tcttctgagc	ccattgnntc	nttcenagat	atanntngga	360
cntgattttg	acttgcattc	agcattntan	aanactttta	cagttgatgn	nactnattac	420
cnancgnact	gctnnttcat	tncaaantnat	tattcagggt	accnaagggt	atTTTTctaa	480
accattgtan	tttataaatc	caaggggaaa	tttccccntt	ccctnnntnt	tnttngaaat	540
nttggnggcc	nanngaaant	tttnanaana	aaccaatggg	ctttaaaaaa	aatggggccn	600
ttaaggatta	ttaanccgng	nttnattttc	caancagnag	ggaataaaaa	ctgccanaty	660
nggccaatn	nanaccntg	atnaaagggt	ggtangtatg	cctnggggat	tnaggagggg	720
tttaanttcc	ctttgttttn	ccaccncttn	ttggnaaacc	cnncgggta	aananggnnt	780
tannttgggg	tnnnnggntt	annnccttt	tnaacntnna	ntnnnnggct	ncttcccgtn	840
gnatcctnan	cttgatnnga	ncccatte				868

<210> 2524  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2524						
gnagnnnnnn	nttttnnagg	ngcgctcttg	tctttntgca	ggatccctcg	attcgaattc	60
ggcacgaggt	ttctaagcac	ttcctgtatt	gcataatcaac	tcattttaatc	ctcacagcaa	120
tgtgagatac	atactatcct	ccccatttta	taattgaggg	aactgaagca	tagacaggtt	180
acatagctgg	tgactggcag	atgaattgac	ttagccgtgg	tcttcaggt	gatgagtggc	240
agcactgtgc	tcttatcacc	agctcttgag	cgtgctgcat	cctctcattt	gtcgttggtc	300
tcccctagtg	ttcagtactg	tgccttgcac	gtgtttatac	tcagtagctt	ttgaatgaca	360
gacttacatt	gcaaatacaa	cagatttcca	tgtcttatta	gaaactgctt	ttcttgaatt	420
actacatgta	acttgaagga	ttggtgaata	tttacagttg	ttgaaataca	aaaacaggtg	480
gctgaactta	gaaaccacca	agtggcaggt	gactttgcct	gacatccgtg	ttcacagacc	540
tncacagccc	ctggtgaaaa	ccacttcttc	atgtcccacg	tccatctaata	tacatgtgtt	600
attttttgnc	atttgcagag	tcaacgggtg	caggaaagtt	tgaagaaag	tgaattacat	660

caaaatcttg gnatagtata taatctt ggtttcaaaa tataactttt tt cctc 720  
agcaactttg aatggat 737

<210> 2525  
<211> 835  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(835)  
<223> n = A,T,C or G

<400> 2525  
aggnntntga nccagctctg ttctttgcgg atccctcggt cgaattcggc acgagaataa 60  
gcttttcttt aaattaatta gaaattactt gtaggaaatg tatagaataa caatgatcat 120  
tttttttaac taaatgattt acaatagtga gaaagttgac cttgagttac atgttgaaag 180  
aatagtatgt aagctggcaa cagaaattga aattgagaca gatttcagca ccactgttgg 240  
taacaggctc ttattccaga ggaaacatgt cagtttttta ttagtgagta aaggatttct 300  
gcgaagcttt aagaatatct catgttgagt attgacatgt attttgaatg atgattttat 360  
gaaataacac ttgggattat ttttcttatt ctgnatcccc caaattacct taaaaactta 420  
catcttttgt tttgggaggg atccttttagc aaatatgcct tttgtatggg aaagatcctt 480  
ttatgaaagg tatacctatt aaatatttta gtttctantt accaatatca cntattccga 540  
aggatanttt antaaaaaat tggccaaagg tccaggacct cnttttaaaa accaaaacct 600  
tttaattttta aaangaatat tnccaaggga ttacccttag gaatttaatt cccaaggaaa 660  
aatcctcaat tttccantcn atggtttttg gccattttnc ttctttttta aaanccaatn 720  
gggttnaatg gcccttggnt aatttgggta ataatngccn tanctggagt ggacctggta 780  
ggnccttgga aantnccgga tctnggggtt acctttggna tggactggga taacc 835

<210> 2526  
<211> 740  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(740)  
<223> n = A,T,C or G

<400> 2526  
gngtgtgnnn nnntttntta aatgcggctc tngccttttt gcaggatccc atcgattcgt 60  
gcacactaac atggcacctg cntaaaancc acagacnggt aactttaggg acttcacagt 120  
ggactcaagc agactgatcc cagattgtag gtagaagtgt gtttgcaaag gccagaggag 180  
ctgttaggac ataatgcgat ggagacaatt tgcaacaatc actgantcca cgtttctgct 240  
gtttaagggg ggctgaaagg atggaggtnt agcttgtaat gcaaaatata cgcagagggt 300  
catagtgaag ctgaggagga gggccttcaa aagttaagtg ggagatgttt aggtcagtag 360  
caaatgggcc cagtgggaga gagtatgcc agagtttgga gagggtcang gtgtcnggtg 420  
ctgggatgag ggcttcatgt ttggaagacg caaggtagag agccangaga ggaggaaagg 480  
tagaacagga tgganggcaa gacctgtgta agaagaagtc ttaaactgtc aa'cccaacac 540  
aggcatgctc ataaggaaaag gttaaaaaaa aaaaanaaaa aactcgacct ntanactata 600  
gtgagtcgta ttacgtagat ccagacatga taagatncat tgatgaattt ggacaaccac 660  
actagaatgc agtgaaaaaa atgctttatt tgtgaaattt gngatgctat tgctttattt 720  
gtaacctttt taacctgcat 740

<210> 2527  
<211> 752  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2527

nnngaggntn nanancagct cttgttcttn gggcaggatc cctcgattcn aattcggcac	60
gaggctagtt cgagtttttt tttttttttt tttttttttt ttttttaaat aaggggcaag	120
tttccaaaga tcagtgtgga gtgctacaga aataattata ggagaggaaa tcataatcac	180
agaaggtnta atgcttggtt gaggtccgg aataagaact aaaaaaaaaa caaaaaaacac	240
tggtttcatg cttacggggt acacactttg gngcatcccg tgaacacaaa ttttaatacc	300
aaacaatcct tgatgcttca cctggggctg ccaagcagtt tgtaaaacag aggaaaacat	360
ttagtgcagt ctgtattatc cttttccaac ttttctgttt gtgcaagttt ttgaanattc	420
attggccaaa caatgaacaa caaaggnttt ctgagagaag acaaggtgga cttttcattt	480
tgtagtaaaa taccagtggc actggtgaac gaaacaaata cttttatctc agtctttcaa	540
atcagtatta atgtctgngt ttccttcac tgacagctct tcttctagtt tcaactgaaaa	600
aagggtgtta gtatttttat cttggcactc tnttccaaat ccttnagcag ctcctcttct	660
ttatattctg ccacatngac ctntnaaccg gaattgncct ttantttgcc gnggngcttt	720
gaaaaatccc gtngttctta aaaacttggt ga	752

<210> 2528

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 2528

ggggnnnnnn ttcttaatag tgcctngtct ttgcaggatc cctcgattcg aattcggcac	60
gaggcaggta ttatattatg aactactagc aattcgagag cctgcatcag tttggagaaa	120
gactatcaac ctggaataac ctacattgta gttcagaaga gacatcacac tcgattattt	180
tgtgctgata ggacagaaaag ggttggaaga agtggcaata tcccagctgg aacaacagtt	240
gatacagaca ttacacaccc atatgagttc gatttttacc tctgtagcca tgctggaata	300
cagggtagca gtcgtccttc acactatcat gttttatggg atgataactg ctttactgca	360
gatgaacttc agctgctaac ttaccagctc tgccacactt acgtacgctg tacacgatct	420
gtttctatac ctgcaccagc gtattatgct cacctggtag catttagagc cagatatcat	480
cttgtggaca aagaacatga cagtgtgaa ggaagtcacg tttcaggaca aagcaatggg	540
gcgagatcca caagctcttg ccaaggcttg tacagattca ccaagatacc ttacgcacaa	600
tgtacttcgc ttaaatagtc caagtatatt ctctgagang aagtactgaa agatgaattg	660
acatacaacg tatgtttcca gtgaaagtca attgagtaag gacaccttca gccatacaga	720
aaccaacact gtgg	734

<210> 2529

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

```

<400> 2529
gnnctnntna gtgncatccg ttcgcgga cnaggaaaaa caagnatact aggtcgtca 60
ggtttagccc natgtttgcg agctagctgc tggcgcagaa atacaagaca taaatattat 120
ttcgtagaca gttattattt ccttactgtg aatttagcag aatttataga agtcttttgg 180
gtagtaaagc tttgggttaa ttatttgggt ttaaaaaatc gcagttcatg aaacatttct 240
acttattaaa tacaatgtga atactatatc tattcttgct actgggtcat aattggttagc 300
cctctcccat gcctcttctc ctcccctgaa tataacatgc gtattagaag gtttctttgt 360
gttgatgct gtcctgaac catatgttaa gaggttgctc tattcatgta ttaagcccc 420
attgtgtgtt gtgatttcat gacttttata tctaaaaaaa ccatattgta gatgttcttt 480
agcttgaaac acgagtgtt tgaaattttc cctttacctt tctatttggg cattcagtaa 540
atctacacat ctgntttang ctctagttta aatagatgat gtgatgcatt tctgngatgg 600
nctggttgct gatttttttg gtaatgggtt taatagtga atttctgggt catgcttacc 660
tggtgagttg gtaagtcggt at 682

```

<210> 2530

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

```

<400> 2530
gggnmnttgt ctaatgcagg atccctcgat tcgaattcgg cagcagagtt tccatttagt 60
ttgatttttaa aagctgcctt tntgaatatc taataccaat tataaaataa atatgtgtaa 120
gtaaaataaa atggtaactt gttttttata agaggggaag ttggttggtt ttataaatta 180
aatgaacatt tatgcggncg gttattttta cgtaaaaata gttgttatat tctaggtaac 240
agaaaatttag aaacctattt ttctgtagaa gaaaggtgtt gctatctgct tttgatttct 300
cagatatttg cttctcctta gaatgctatg atcagatttt tattagaatg aagttttcta 360
aaggctttga ttggcattag cttcattact tatttgctta ggtaagatt agcccaatag 420
acatattatc tttatggacc attgcaaatt tttctaatat ctaaccattt ttaacctttt 480
atatatgaat aattaaggaa acattcaatt ataataaaat ttattcctgg cactatgtag 540
gcaactcaata agtatttggt aattgagtaa atgatcccag tagataggta catacaatat 600
acagggaatc tttttctact acgtgtgttt ttcctcaaaa tattttttta gttccacttc 660
atcatgaaaa tacttggaac ctgacacca agagaatcat gtttngggca cagt 714

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<210> 2531

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

```

<400> 2531
tggggttntt taganccagc tctgttcttt gcggatccct cgattcgaat tcggcacgag 60
aattttcctt atatgttctt tgacccttga attacttaga aatgtatttn ttaatttcta 120
aatacttaca ggtttaaaaa tttgttttc aattactaat ttaattctgt ttcacagaa 180
agcacgacca tcgtggcatt gaaacttgag ttatagccta ctatcatgat caatttaaaa 240
aatatatata tagggctggg tgcagtgggt cacatctgta atcccagtgc tttgggaggc 300
tgaggtgggt gaatcacctg aggtcaggag ttcaagacca gcctggtcaa catgacaaaa 360
ccccatccct acaaaaaatg taaaaattag ctagggtgtg tgacacacac ctatcagtta 420
cttcaggggg ccgatgtggg agaatcgctt gatcttggga ggtcgaggct gcagtgagct 480

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atgatcatgc	cactgtctcc	acgca	caaagtaaga	cactgtctca	aaaaa	540
aanaataaaa	tatgagaaag	gtgatac	aatgttaa	gccaaaagta	aaataaaa	600
tgatagctag	tgtttaatct	caatcatgta	aggaaaaanaa	aaaaaaaaaac	tcgagcctct	660
anaactatag	ngagtcgtnt	acgtagatnc	ngacatgata	ggatncatgn	tgagtttgga	720
caaccaact	tgaatgcagg					740

<210> 2532  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 2532						
gngggtnttt	taacccttgc	tcttgtcttt	goggatccct	cgattcgaaa	aaaaattgtg	60
gtgattcaca	cctgtaatca	cagcactttg	ggaagccgaa	gcgggagggg	cctttgagggc	120
caagagttca	aggccagcct	gggcagtata	atgagaccct	gtctctacaa	aaaattttta	180
aaagtaaaga	aattttaaga	taactaaata	ctacatagtc	atatatttta	aatattttatt	240
acataaagg	aaaccaaata	gaagaggaaa	taatgttatg	ccctacttca	tatgaccaa	300
aactggaaga	tagtgtctga	aaatgaaaat	gattgtattg	ggaaggtaga	attgtggcct	360
tttttttttt	tttttctcag	ttttcttctc	attacatttt	caatttagtc	tttgtatata	420
gattttgggt	tattggagaa	tatataatgt	gctctattaa	tgtttaagtc	ataaaaaatat	480
aaatttcaag	taatttaagc	tccaatagtt	atctaacctg	ccttctaata	aatgggaaat	540
aaatatttac	tttttgtttt	gataaacata	tatttggttg	caactagcac	atgattttta	600
aagtatagtg	gaactataca	tttatgtctt	aaaattaaaa	ctataaagtt	atgtgactgg	660
gaaaggaaaa	ataattcatt	caggattatc	tgacatctta	gtattatagt	agtggtaata	720
ctacnttttn	gggaaatgng	tatcc				745

<210> 2533  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 2533						
gntnggnttt	ttnanannca	ggctacttgt	cttttgcagg	atccctcgat	tcgaattcgg	60
cacgagaatc	cttcttggga	aacatgttat	tgtcctcatt	gtccagatta	gaaaactgag	120
tgtaaagtaa	gttaaattat	agtcctaagg	ttgaatgcta	ataaagacag	aatacaagtc	180
caatatattg	gactcaaaag	ccctcactta	actatgggtc	ccatgggctt	cccttggtct	240
tctctgcctt	tttttatatt	ttcttattgc	ttgaggccct	ttctggaagg	taagtctgga	300
ttatctactt	cacactgttt	tagagaagac	ttgtggtttc	catttaccct	ttactccctc	360
cgctccatgg	cctttcaggg	agaacactgt	gggtatcatg	ctgggtggcc	tggaggggtcc	420
aagtaacagg	aatctanaag	gatggaccag	atgtgaacaa	aagaaagcct	gagtaggaca	480
caaaacagag	aagtggggct	gtaacatctc	taagatatta	cagcttgcta	cttccactct	540
ctttgcaaat	gtgggtgaaac	ccangctgga	gtcataaaat	aatagcatag	gatcattaac	600
taaagtttgt	ctagtgtctc	cttgtgttca	cacattatct	cattgaacct	ctgacgatgc	660
taggaggagg	taaatagggt	ttcctcttac	cttgggtgaa	ctgagtcttc	tgactaagtc	720
tcaggtcctt	tctaccattg	ngctgcan				748

<210> 2534

<211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2534  
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 gcacgaggca gaagctgccc gtgggcacca cggccacact gtacttccgg gacctggggg 120  
 cccagatcag ctgggtgacg gtcttcttaa cagagtacgc ggggccctt ttcattctacc 180  
 tgctcttcta ctcccgagt cccttcatct atggccacaa atatgacttt acgtccagtc 240  
 ggcatacagt ggggtgcacct cgctgcacat tgtcactcat tccactacat caagcaccgg 300  
 gaataaagcc cgctgcccc agtcggaaaa aaaaaaanna nnnnnnnnnn nnnnnaaaaa 360  
 aaaaaaaact cgagcctnta naactatagt gagtcgtatt acgtagatcc agacatgata 420  
 agatacattg atgagtttgg acaaaccaca ctagaatgca gtgaaaaaaa tgctttattt 480  
 gtgaaatttg ngatgctatt gctttatttg taaccattat aagctgcaat aaacaagtta 540  
 acaacaacaa ttgcattcat tttatgttcc aggttcangg ggaggtgtgg gaggtttttt 600  
 aattccggcc gcggggccaa tgcattgggc ccggnaccca gctttgggtc ctttantgag 660  
 ggtaatttgc ccncttgggg gaaatcatgg gcataactgg ttctgnggg aaaatggtat 720  
 ccggttanaa ttncacn 737

<210> 2535  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 2535  
 agnaggnnnn nnnnnnggna gnnnnnnnnn gnnngnnttn taatcggnat ttctaattgct 60  
 nggctctngt tctttttgca gatcccatcg attcgaattc ggcacgagcc ttcccacctt 120  
 gtgagttctc ccagcagttc ctggattccc ctgccaaggc actggccaaa tctgaagaag 180  
 attacctggt catgatcatt gtccgtgggt ttgggttttca gataggagtt aggtatgaga 240  
 ncaagaagag agaaaacttg ggctgacct gttatagtgg ttatagtggg gtccctaaag 300  
 ggaggaaatg atttcancaa aactggttga acagcggatg aagatatgga attcaaagct 360  
 ctaatggacc tttttgaaga agaagttgtg gcttatgtgg gagttacatg ggcctctgat 420  
 ggaagaaact aatctgttaa gtatttgtgc attttactaa aatggcagct taaagttgtg 480  
 tatctgctat tgtgatgcca atgcccgggt ttttaagtgg aaaaaaaaat gacctctttg 540  
 atttgtgctg ngtaacaaag aatttctggg aaaagtaaag aaaaaccctt ttttatggct 600  
 cacacactta agantagctg ctcttaaacy tgcgctcaca gttgaactgc tttggttaat 660  
 tctaaataaa tngttctttg aggaaaaaaa naaaaaaaa ctcgacctnt anacctatgg 720  
 gagtcttatt accgtnatcc anacttataa nan 753

<210> 2536  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)

<223> n = A,T,C or G

<400> 2536

gagnagnnnn	nttttngaaa	gccnnnnnna	ggnagntttt	nagaggnttt	tgaagccctn	60
ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggcc	acttgacaca	120
gtgagtggcc	tcttaaactc	ctcgttactc	taccatgtct	ggctgtgtgg	tgtctttctc	180
ctgacgactt	ggatgtcttc	atggatactc	ttcaaaatct	atgccacaga	ggctcatgtg	240
tttctgttcc	aaccaccatt	tgcagaaggg	tcagatgagt	gccttccaaa	agtgttaa	300
agcaatcctc	cccccatcat	aaagtattta	gccttgcang	acctgatgtt	gctttctcaa	360
tattctcctt	cacgaagaca	agaagttttc	agcctcagcc	aaccagggtg	acatccccac	420
aattggacag	ccatttcaag	ggagtgtttg	aatcttttaa	atggatgac	tcagaaactg	480
attctctatc	aagaagctgc	tgctacgaat	gggagagtgt	cttcattcta	cccagtggaa	540
cctaagaaaa	ttaaattctc	cagaagaaac	tgcttttcag	acacccaaat	ctagccagat	600
gcctcggcct	tcaatgcccc	cattagttaa	aacattactg	gtttcttcaa	aattatctac	660
accctgatgt	ttgtgaaccc	cattttggga	cccccatttg	gcttntantg	gtaatggaat	720
cggattggct	tggaattttt	ggntgtnaac	acctggctat	tgggcacccg	caaaagtct	779

<210> 2537

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2537

gagnagnnnn	nttttngaa	agccnnnnnn	nnggnagntt	tnaagagncc	ttgaagccat	60
tgctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	gggcagtaaa	120
taataatagg	gaggatagaa	aagtcagcat	ggcattccag	atgagaaaac	tgaagcaagt	180
taaactttct	acatggtaac	cgtgattatg	tagttgatat	acaaagtaat	gactgtgggc	240
cttcaagaag	aggtaaaata	cattcattat	attaacgagt	gcattcttaga	aagatttctt	300
tcaaaaagta	gttgaagttt	ttttgcttta	aggagtaaat	ctcaatcatc	tggaaattta	360
acttctgtgg	aatacctctt	tacatcttaa	aggaaatgtt	aatgcattat	attgaggtta	420
ttattgcaat	ggaattttca	aaaatgtgag	tgtgctcttt	ntgtttctag	aattctataag	480
acacatatct	ggtctaagta	tagtgtctac	taagacaatt	tcacaatcca	naaaatagtt	540
ggtttagccaa	ggatatcaag	ttcaacccca	gagactagcc	aaagagggaa	ggctatgaaa	600
taaaaagctt	atagatggct	agnctcatat	ctnnggcttt	atncctataa	aaggatctca	660
ngaaatatgn	aatcanaaat	atnggtattt	aatctcctcc	ttttttggnc	catngcctct	720
ttagggccaa	nggtttttgg	gngaaatcat	tggtnggcc	attngggtt		769

<210> 2538

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 2538

gnnnnnnnnn	gnnnagggtt	nnagnnnnnt	ttctaatacn	aggctacttg	ttctttttgc	60
aggatcccat	cgattcgggt	gtcctcactg	aagaaagaaa	cattcttctc	aaaagacttt	120
ttttcctcag	agttggagcc	cacagcgtgg	tcaggaaaga	gaagtagcca	ctgggtggctc	180
ctggcatcct	cctgctgggc	agccccctct	caaagtgtga	ggggctccct	tgtgtacaag	240



caggaagctc	tgagaaagtc	agcgcgc	ctaccacagg	ataattccga	tgctgaa	300
aagcgggttt	tggcttgtgt	gcacgactc	tgggtggaaga	aagggtgaca	gcacgactc	360
gggcatgaca	caagttagga	cccgtaccaa	gaggccctgg	aattgagggt	gggggttgct	420
gtggactctt	tctccctctt	aggaaactct	attgggtctc	catctgtcac	agaagcagta	480
aatgatgtag	gggctgccag	gtatagggtc	ctgtggggat	gctggaacat	gccgangcag	540
gacgtgccag	ccaccctctg	cccatatgtg	cacanggccca	cagatgtgct	tgtcggtagg	600
agagaccaag	ctgtctgtgt	gcccattgtc	tgacacctga	gacttcaggt	tcaccccatc	660
ctggttctgc	catttccatt	tgcaagggtg	ctttcccttc	cttttgggga	ctctttaacg	720
cctttgggnc	tgtttaaaaa	aaaaaaaaaa	aaaa			754

<210> 2539

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2539

gnnnnnnnnn	ggnnnngnnnn	nnnnngnnnnn	tttnaatnga	cnggctactt	gttctttttg	60
cagggatccc	atcgattcga	gtgcatccat	gcgtttttcac	ttgttcttag	gctacttcat	120
ccaataatat	atttgagtag	ttctgaacag	gaacacaagt	aaggagaatt	tttttttttt	180
tttctgatac	agggctcttg	tgtgtcaccc	aggatggagt	gcagtgggtg	gatcttggtt	240
cactgaaacc	tcaacttctg	tggctcaagc	catcctcccg	ctcaagcctc	cgagtagctg	300
ggactacagg	cttgaccac	cacgcctggc	taatttttgt	atttttagta	gagatgggat	360
tttgccacgt	tggccaggct	ggttttgaac	tcctggcctc	aagtgatcca	cctgccttgg	420
cctcccaaag	tgtctgggatg	acaggtgtga	gccactgggc	ccacgtgagc	agcatatttt	480
taaaagctcc	cctgatgatt	ctagtggacg	agaaccacca	gtctatgtaa	ttatttgtct	540
gttttagtgtc	tgtctgtccc	gaaggtttag	aagttacaca	aggggagggg	ctgtaaaatat	600
ttgttgaatg	aaaaatgaat	gcattgggaat	gaggatattt	ctttgcaata	ctgattttat	660
ttccttatac	accataaat	gggaatgctg	gatcatatgg	agctctattt	ttaatgtttt	720
gaggaccctn	catactgctt	cc				742

<210> 2540

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(892)

<223> n = A,T,C or G

<400> 2540

gctagttnga	agaggtgttt	ctaangnntn	ggaatcgaca	tctnnnnagg	cngnccttgc	60
gattcgcttt	gctctctcca	ttccaagttg	ttctctgttc	tagaaagcng	atgnngggnt	120
acatctactg	tttttgecta	aacagaatcc	ctttntcctt	tttttgtaa	aaggctcatn	180
cctaataatta	cattgctctg	gaacgantga	caataccana	actcagcacc	ntgatcggac	240
cgggacaatc	agattatcta	attcctcagc	aaacggagat	cgatccgaaa	agtggaaata	300
tganctcntn	ctttgtgntg	gcataatggac	cctgagagaa	agaaacttta	atcttttact	360
cttggactgc	aatnaagtnt	agctgcctaa	aaatcnnttt	cntgacactt	ngnagggttg	420
tccacaatcg	ggngaaatta	nngggttnnga	cntaancact	ggatgaaaaa	aaatnccgnt	480
tanttntatt	ncnnttccan	ncttntnaaa	tanananntt	ntcanccttn	nntaatacta	540
ttanntatat	ntnttnnncc	cnnatnnncc	ttcttntctc	tacnncnntn	cnatntnnnn	600
nnangntcnn	cnannnttcc	tnttatttct	annatatntc	ntancnttna	ctaaaacctc	660

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cncctcgttnna nattncnnta taattntc tctaganntt ntntntntntt gnttaaaa 720
ancntcntcta tccctantat naatttct taccatnaaa tacactanaa gntntcac 780
gagacncgnt atgttantnc anactataat cgcttncatn tanntatatn taaaantgct 840
atncagnnag nngntnttat atntttanct ngnnaggnta tectcnatan cc 892

<210> 2541
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 2541
gnanaggtct atgtggctct ngttagttgt gcaggatccc tcgattcgaa ttcggcacga 60
ggatctactg ccttagcaaa tgtcatatat atgattacaa gattattaac tatagtcacc 120
atgctgtacc ttggaaaaga aaacctactt ttcttgctta agtaaaactt ttaccctttt 180
caaggactgg gggaccttga gtatgtgcag attttggtac acgcangggg tcttagcacc 240
aatctcctgc gtgtaccaag ggatgaccgt gtgtatagaa aatcacatgt ttattacca 300
tgtattttgt gttggatgct tagtctgttt ccatactctt ctattgtaaa tagtgccgca 360
gtntacatga gtgtgcagat aactnttaac aatactgatt tcaatccctt tgtggagttg 420
ctggatcgta ttaattntgg ggggaacctn cgtctgtttn ccataatggc tgtaccaatt 480
tacattccca ccaacantgt acaaagatgn ccatttttnc atgtctcact agcactcggg 540
tgtntttttg gtaatagccc ttctaacagg tntcaggtga tacccttate naggttttga 600
gtcaaatttt ccanatgatt taagaagttg acaantnttc atatcctgtc aancgtnagc 660
gatgnttttt ttttatagnn agacaggntt tntctgtttg tgcagantgg ttttaagatgg 720
tgcgancatg gntcanttnn tcctttnc 749

<210> 2542
<211> 722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(722)
<223> n = A,T,C or G

<400> 2542
gnnagnnnnn nngngnnntt tnagatacag ctcttggtct ttttgcagga tcccatcgat 60
tcgatcagta tgaactctta aaacatgcag aagcaactct aggaagtggg aatctgagac 120
aagctgttat gttgcctgag ggagaggatc tcaatgaatg gattgctgtg aacactgtgg 180
atctctttta ccagatcaac atgttatatg gaactattac agaattctgc actgaagcaa 240
gctgtccag tcatgtctgc aggtcccag atatgaatat cactgggcag atggtcta 300
attaaaaagc caatcaaatg ttctgcacca aaatacatng actatttgat gacttgngtt 360
caagatcagc ttgatgatga aactcttttt ncttctaaga ttggtgtnc atttnccana 420
aactttatgt ctgtggcaaa gactatncta aagcgtctgt tcanggttta tgcccatatt 480
tatcaccagc actttgatc tgtgatgcaa ctgcaanagg aggccacct taacacctcc 540
tttaagcact ttattttctt tggtcaggag tttaatctga ttgataggcg tgaactggca 600
cctcttcaag aattaataga gaaacttggg tcaaaagaca gataaatggt tcttcttaga 660
cacagttccc ccttgcttca tctattgcta gaactatctc attgctatct ggtataacta 720
gt 722

<210> 2543
<211> 764

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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(764)  
<223> n = A,T,C or G

<400> 2543  
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aggatcccat cgattcgaat tcggcacgag gcggttgagg ctggacacgg gaccccagag 120  
cctgtctggg aagtcgacac cccagccacc atcaggcaag acaacacca acagcggcga 180  
cgtgcagggtg actgaggatg ccgtgcgccg ctacctgaca cggaagccca tgaccactaa 240  
ggacctgctg aaaaagttcc agaccaagaa gacagggctg agcagcgagc agacagtgaa 300  
cgtgtttggcc cagatcctca agcgactcaa ccccgagcgc aagatgatca acgacaaaat 360  
gcacttctcc ctcaaggagt gaggtctggt ccaatacatg gctctgcccc ccagaactta 420  
aggctctact gccccttcgc catcctagan tgaggctctg tccaatacat ggctctgcct 480  
ccagaacttc agctctcagt gacccttcga catcctgctt gctcctgact tccaaggccc 540  
cgtagttagc aattctggaa aagttaagcc atctncttcc tctggncctt tccttctggg 600  
aatcttcaaa atgcctgtta nggnccttcn ttattggccc tccntccttc cttggcttcg 660  
ggccttcctt taaaacttga ccaaaggggc cttgttgctt ggcccaactg gggtaaactt 720  
ttttacaagg ttctttccct tttccacttt cccctnaaag tntt 764

<210> 2544  
<211> 764  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(764)  
<223> n = A,T,C or G

<400> 2544  
gnnngnnnnnt ttttnaagac cangcctctn gnnctttttg gcangcagtn cntaganctt 60  
ngtgcaggat cccatcgatt cggaaaacat gagacataga aatcattgag attcatcaag 120  
aaaatgttta attataatga gcatgaagtt agtaaaagggt ggacatttga agaagggtatt 180  
aaaagacctt actttcatgt gaaacctttg gaaaaggcac aactaaaaaa ctggaaagaa 240  
tacttagaat ttgaaattga aaatgggact catgaacgag ttgtgggttct ctttgaaaga 300  
tgtgtcatat catgtgccct ctatgaggag ttttggtatta agtatgccaa gtacatggaa 360  
aaccatagca ttgaaggagt gaggcattgtc ttcagcagag cttgtactat acatctccca 420  
aagaaacca tgggtcatat gctttgggca gcttttgagg aacagcaggg taatattaat 480  
gaagccagga atatcttgaa aacatttgaa gaatgtgttc taggattggc aatgggtcgt 540  
ttacgaagag taagtttaga acgacggcat ggaaatctgg aagaactgaa catttgcttc 600  
aggatgccat taagaatgcc aaatcaaata atgaatcttc attttatgct gtcaactacc 660  
cggcatcttt tcaaaatnca gaaaaacctt ncaaaatcaa gaaangngct ttttggaagc 720  
aatcgaaaga gncaaggaga acacaagntn tncctcaatt tact 764

<210> 2545  
<211> 800  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(800)  
<223> n = A,T,C or G

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<400> 2545
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ggacatagac ggtagggaa actctcatct ttcttccacc acctcatgag tctaaaaaca 180
atgataaacc cagggaaagt tgctgaaaag catctccat ttggttatng ctctttgtct 240
aggaaaatca gnactcagct gtgaatngtg gaccaagtgg tgcagaactc attactttga 300
acaatgcctc ctccgacctg gaagcatgtn ctctcttcta ctagcagggg cttattccag 360
gctggctttg gtcacaagga aaatcattta gacacagttc agtggtttct tattctgtct 420
cctccttacc ctgccctgca cccctgtcct taagagggaa aaggtggnag gtgctgtctg 480
gtatcattgc tgccctgcca gtaganggtt gcccgctgtg caagggtaac tgcccgctg 540
ctcccttctt gacctccctt ggaccccgaa gatcacttac ctctggtcat tcangcctt 600
gggggtacaa tcctggataa agtcgngtca aaaactggcc aaatttcaag gacttgaaaa 660
tgnggttttt taaaaaaacc aaatccctta tnaacntcca ctttgggnacc tttaanattt 720
taaaaactgg gggnaaaaat ggngaanaatt cctttgggac ccacttttt taaattnaat 780
ttaagccctt naatggaaan 800

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<210> 2546
<211> 852
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

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<400> 2546
gnagnnnnnt tttngaaag cnnnnnnnnn gnnngntttt atagatcant tnacttgctc 60
tttttgacagg gatcccatcg attcgaattc ggcacgagca cattttcctg ttttcttcca 120
agccctccac agtggttccaa cctctgccgg ttacccattt ccaaagtcac ttccacattt 180
tcgggtatcc ttatagcagc accccactct accagtccaa ttactgtat taagtccatt 240
ctcatgctgc tataaagaac tgctcaagac ttgggtaaat tattaaaggg aaggagggtt 300
taaattgacc cacagttcct caggggttcgc aagggcctca ggaaacctac aattatggtg 360
gaagggggaa gcaaagtccc tacttcacat ggtggcagga aggagaagaa tgagaaccaa 420
atgagggaga agcccttat aaaaccatca gatcttgtga gaacttacta tcatgagaat 480
agcatggggg aaactgcctt gtgattcaat tacttccact aggtcactcc accatacatg 540
gagattatag gaactacaat ttaggatgag aatttgggtg gggaacacag nccaaaccat 600
atcaaggtn taaccagcag gaatttaacc caagcctgag ggaaaagact tttcaagaag 660
cttcaaaaga ctgggttctt nccaaaaatt ccagggttagg acccaaaaaa tttaaannnn 720
annnnnnaaa aaaaaaaac nttggaagcc cctttttaga aaacttttt ngtggaagtt 780
ccnnanttt acccgtnnn aattcccnag nacccttgga attangggaa tncccaattt 840
gggttngnaa gn 852

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```

<210> 2547
<211> 852
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

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<400> 2547
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tttttgacagg gatcccatcg attcgaattc ggcacgagca cattttcctg ttttcttcca 120
agccctccac agtggttccaa cctctgccgg ttacccattt ccaaagtcac ttccacattt 180

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tcgggtatcc	ttatagcagc	ac	ctct	accagtccaa	tttactgtat	ta	ccatt	240
ctcatgctgc	tataaagaac	tg	agac	ttgggtaaat	tattaaaggg	aa	gggtt	300
taaattgacc	cacagttcct	cagggttcgc	aagggcctca	ggaaacctac	aattatgggtg			360
gaagggggaa	gcaaattgccc	tacttcacat	ggtggcagga	aggagaagaa	tgagaaccaa			420
atgagggaga	agcccccttat	aaaaccatca	gatcttgtga	gaacttacta	tcatgagaat			480
agcatggggg	aaactgcccc	gtgattcaat	tacttccact	aggtcactcc	accatacatg			540
gagattatag	gaactacaat	ttaggatgag	aatttgggtg	gggaacacag	nccaaaccat			600
atcaaggtn	taaccagcag	gaatttaacc	caagcctgag	ggaaaagact	tttcaagaag			660
cttcaaaaaga	ctgggttctt	nccaaaaatt	ccaggttagg	acccaaaaaa	tttaaannnn			720
annnnnnaaa	aaaaaaaaaac	nttgaagcc	cctttttaga	aaactttttt	ngtgggaagt			780
cccnanttt	accggttnnn	aattcccnag	nacccttgga	attangggaa	tncccaattt			840
gggttngnaa	gn							852

<210> 2548

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2548

gnngnnnnnn	ttnnnnnagn	nnnnnnngnn	nggtttngat	cagctcttgt	cttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggtt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggt	180
agaggancat	ttccctgtgg	atattctggt	ccttngntnt	tcattccanga	atttaanaac	240
tggaattcc	taaaagtttt	cttaccctt	gaaatggten	tgggccccctc	tttttaataa	300
tcctggtgga	atggaatggg	ttgcccgggt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaatnggg	aaaatttggg	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcggttaaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaant	600
taaaggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagccat	tttnccttgg	660
ggggaagt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgc	atthtggnc	720
ggacatggt	ggggtaccca	tgaccacac	tgatggactg	cctaccatc	agaactcatg	780
cccaatggcc	ctggtttgac	tcggatcatg	ttggcctata	gtcaaagtgc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2549

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 2549

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acactccagg	ctgagaaaga	gtaattagga	ggcctgagga	ggggccgagg	aaaggctgtt	120
ggggtgtgct	ggggttggtg	cccgagcgcc	ttccctcac	ctcaaccana	gaagagcatn	180
cggttgcttt	ttaaagcttt	tancctgccc	tagcaaggac	aaagcatgtt	anattagaga	240
tgcttctgct	gatcgcanng	gttcttattt	gaaaacatct	atnatggggt	ggggtgggag	300
gagacaggtt	gtggttatgc	angaaaatct	tgtcctaaaa	atatatgact	tngggggtaa	360

ggggtgggat	agccaagcaa	aa	tnat	tattntaaaa	tgaacatatg	tn	tnatt	420
aacttttnagt	taaatacaga	ttt	caact	aggtcagcat	angcctnaat	cta	tagag	480
ggctaactca	ggcattgtct	ngtttatttg	gtagactgga	ttcaaaacaa	cctgtcctgt			540
tttgtcagnt	cccagcttnt	tcnttttagaa	taaattanac	caaaagnaac	aaactgtgct			600
cgctcttgta	tacccgcaga	atgaactact	gttgtaaaac	tggatttttt	cattatacta			660
ngttncgaaa	agcnagatgc	ttggtanatg	tacaatacca	ngatcctttt	taaattgaat			720
ggggtgcatt	taaaaatcct	cncttaacat	ttctaagaaa	gaattgtttc	aataaaaataa			780
ntggaatcct	canangg							797

<210> 2550  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 2550								
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tcgcacagat	ccaggaaaaa	tcaaacgtat	tagaggaatg	gcgtactctg	tacgtgtgtc			120
acctcagatg	gcgaaccgga	ttgtggattc	tgcaaggagc	atcctcaaca	agttcatacc			180
tgatatctat	atttacacag	atnacatgaa	aggagtcaac	tctgggaagt	cnnngggctt			240
tgggttgta	ctgggttgctg	agaccaccan	tggcaccttc	tcagnctga	actgnggctt			300
caacccccag	ggccagggan	cancagtact	tncanangac	cttgnctga	actgtgcccg			360
gctgctgntg	gatgaaatct	acaggggtgg	atgcgttnac	tnnaccancc	aangcctggc			420
gctactactc	atgacccttg	nacagacgat	gtntacaaaag	tctgtctagg	ccctntntct			480
cctacacgat	agaattttgc	ggcatttgaa	gagctnttnc	cacattatgt	ttaaaattga			540
aaccaagcca	tgtngtgaan	aactcaagg	ggggataaaa	gtgctgatga	ccctgtgtgg			600
cattggnttc	tncaacctta	gcaagacct	caaagtgata	accatnaca	agataaggnc			660
ccattgccta	cngacaaagc	aanagcttgc	canggnccca	atggggacca	agtncaattg			720
gttt								724

<210> 2551  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 2551								
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ggtctcaggc	ctttgaactc	aaactggaac	tacatcactg	gcgtcctgg	tctccagctt			120
gctgactgca	gaccttgaaa	cttctcgggc	tccattaacc	tcttttatat	atagagagag			180
atacatacac	acacacacac	acaaacatac	acacacacac	acattgggtg	tatatctgga			240
gaatcctgat	taatataccc	gataaattca	aaacaaaaca	aaacttgaaa	aaaaaatttt			300
tcagggtgaat	atttgttttt	tagcatctga	gtttcagtc	aaacagggaa	ggaaagagag			360
gaagtgtctt	caaaaaatat	agacaccccc	caaaaatata	ttaaatcaat	aataatttag			420
atccaagatg	ttattgatgg	ttggagtata	gaccactacc	catacaaaaa	gcactgtagg			480
aaatggagtt	cttcagagag	tagaattgtg	gttccaangg	ctaggcagga	aggcagattg			540
ggaagatgtg	gcaaaggatt	caaaatttca	gttagagang	agttaagttt	gaagagctct			600
attataccaa	aatggtggac	ctatgggtta	ataaccaatg	ganttaatat	ncctcgaaat			660
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<210> 2552  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

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<400> 2552
agngtttttta naccgcgtct tggtcttttt gcaggatccc tcgattcgaa ttcggcacga      60
gaaacaatat aactcaaag cttttctaca ggactacaaa ctgtctgtat caggttatgg      120
ggttaaataca taatttctgg atcatgatct taaaccttta attggttcca tttctacttt      180
actctttact aacaagtatc ctgatggcct gaaaatccat gttgaaattt gaagtttgaa      240
ttttccagat caaatatgaa atttattttc atttttttaa gtacaaaata tcagttgtat      300
aatcatggta aaacataaaa ttttgctata aaagattttt aaaggctatt tgattaaaca      360
tttattttact taaactcttt gctagaattt tttttagaat tcagcatcgg aggaggaatg      420
tgacataata atgatcgaaa gccgaaagtt taaaagttgt gatgccctca catggttgga      480
gggttattct agcttctaen ggactgaatg ttgtccacaa gaagtgtcat cagggtcata      540
aattggtaag gacttaaagtg gcttaagaat tttatgggat tatacctgaa gggtattggn      600
atgttgaggaa tgaaatattt aatggaacca aaaatggagn cccatttggg gggttaaagaa      660
gttttaggta ntttaaaatt ttttaaggtt aaaaaccttn gggaaatttt tnaaaatacc      720
tttggggaagt tattgttaaa gccctttttc gaaaagtcct cntttgnang gccttgaaaa      780
g

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<210> 2553  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

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<400> 2553
gtngnggntt aatancagct cttggttggt gggaggatcc cttgattcgn attcggcacg      60
aggattttcg aaactcttca gctacttgcc cttttttatc tgaaaccatc ataccttctg      120
aaagaaaaaa gcatatcttc attgacataa cagaagttag atggcccagt cttgatacag      180
atggtaccat gatatatatg gagagtggca ttgtgaagat aacatcttta gatggtcagt      240
catacctctg cctgcccaga tctcagcatg aatttacagt acattttttg tgtaaagtta      300
gccagaagtc agactcatct gcagngttgt cagaaacaaa taatanagcc ccaaaagata      360
aactagttga aaaaactggc aaaatctgta tacgtggaaa tttaccagga cagagactga      420
agaataaaga aaatgagttt cattgccaga tcatgaaatc caaagaaact ttaaagaaga      480
tgagttgtgt aaatggaact gaagggaggg aagagctgcc ttcgcctggt acaaagcaca      540
catgtgtata cacatgggtc aancagtgtc ggnctgtggc tgcctgtcca gaggaatgga      600
aatatccttt ggcttttagc cttcattttt taataaaatc ancantatgt cttnaaaaaa      660
naatttaaaa naaaaacttn ancctntana actttangtg ngtcgtttta cntanatnca      720
ccttgataag accattgatg agtttggaca acccn

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<210> 2554  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 2554  
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 attcacattc ctcacgtgca acaacataat tatattttta gaaaatgtaa ctttgttaca 120  
 tcaaaatatg ttgtctagta aaaagttgat attcagtaga acaaggatca tgtaaataaa 180  
 catctatttc acatgtaccc aaaagcattt aaaaagcaga atccagggcc cagagcatga 240  
 gccagggagg aggatgtttt tcttcttttc tctatttttc cctaaattgt gcaaacatag 300  
 gtgagtctct taacctttct gtgcctcagt ttttctacct ctaaaggggt gggatggttc 360  
 ttcaaattgt ttctaaaaca ccggcacttt cagcagtgtt ctgggtggcct gagatgagag 420  
 caccgtgttc agaagtgcct gggagtggca cagtggaaac tccgcttgca cggaccatgg 480  
 agtctgctca ggaccatgct gtaggacaca cagcctcatg cgctgagaaa gcaaaggaag 540  
 tgctgggtgt aaagtttgca tgattccatg aagctttagt tttccttttt ttggttttaa 600  
 agaaaggggt ttatatgttc tattgtaaaa tatggaaatt aaacagggac ttcagaaagc 660  
 cgacagaaaag atcaccttct gatggtgtga tgtgtcctcg acattcnggc cgaggctgta 720  
 ttctgaaaaa gattaatggn ctgtgaaan 749

<210> 2555  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 2555  
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 gtggctgtgc gagctcagcc tccctggaaac ccgccctgag cttgggttaac agcattcact 120  
 ccaggtttag ccagctcca gggtatcgca ggcaggactc ccgagaacag gttcatgttt 180  
 gctttttggg aggtgctgcg ctaaagtgga aaaccaccct gggccgagtg ggacctcccc 240  
 agctgggcgg ctgttaacca gccaggatgt ctgaccctga gaagtcaccg tgcactcttg 300  
 ggactcattc ttctcatcag caggatgggg tgatggagcg ggccttactg ggtgctgggg 360  
 atgatataaa gaggtggcgt gtgcatgtgt gtgtgtctgt gtgtgggcga acatgttttg 420  
 taagtgatag gctctgcaca cgtgcacggc accatcatgg ttccctccct gcagcacttg 480  
 gcacgcagtg ggggctcaaa gcacaggccg actgatggcc tggggttgca gccctgctcc 540  
 gtgtgtccct gggcacttgc ttactgacca cccacaggt gaacacgggc aggtgggtgt 600  
 ttggaggtgt gaggtgaag aaggtctgga tcttgcaant cttgcncctg gatagttatg 660  
 gggctctgaa ggggctttta ttgcgcctgg tgctttctgc taaggccaaa tttgggcttg 720  
 cctgaccttn ggggttttggg gccctcttan 750

<210> 2556  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 2556  
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cggcgcctcgg	cctgaatttt	tttctact	taatttagat	caataacttc	gaatgtact	120
gaaatttgca	ctcactttca	gcctcagtt	tgggtaggac	tgctagacc	agctttttg	180
tcatctcatt	cttagagagc	tcttgaaaac	caaagtattt	aaaaccctgc	aagtttctgt	240
gcagatgagt	gcaaatttcc	accagcatt	ggttcctgag	taattagagg	aaggaagcca	300
tgcaaaagct	gctattgccc	aggctccaga	aaaacatcat	gtaaggtttg	attccatact	360
aattgttcaa	agtgtaaaag	aaagctgact	gtggcagttt	ttacctcctt	ttcttttttt	420
tctttttaaa	aataatccag	agacattaag	cccaacagtt	tctctttgct	ttttccctc	480
tctagcacat	tttcttgatg	agtctaaggt	gtgacctcta	ctgaaatggc	tcccaccac	540
cttctnctat	ggaagtggat	ccccagcccc	atctncttgg	acctcgtggc	tgtgtttaga	600
aaattagcat	cagcctaagc	caggggcata	agcatggagc	cccctggcca	ttggctgatt	660
gccacctnt	ntctggtgga	agcccgaacta	gggantggtn	ggangtcaac	ctaaagttaa	720
ngcaacctga	tgaatggtta	ttgactn				747

<210> 2557  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 2557						60
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nttttttnnat	acagctattg	ttcttttttg	ngatcccatc	gattcggcca	catcgggggc	180
accacctcc	atgcctttgc	aggcatcggc	tcaggccagg	ctcctctagc	ccagtgtgtg	240
gccctggccc	aaaggccagg	cgtgcggcag	ggctggctga	actgccagcg	gttggtcatt	300
gacgagatct	caatggtgga	ggcagacctg	tttgccagtg	gccaggccta	tgtggccctt	360
tctcgggccc	gcagcctgca	gggcctacgt	gtgctggact	ttgaccccat	ggcggttcgc	420
tgtgaccccc	gtgtgctgca	cttctatgcc	accctgcggc	ggggcaggag	cctcagtctg	480
gagtccccag	atgatgatga	ggcagcctca	gaccaggaga	acatggacce	aatcctctga	540
gcctcaccca	caaagaggag	acaaaggggtg	gcctgtggcc	tncccgctcn	ctgctcctag	600
tggcccaagg	ccccagggaa	taactggagt	aggcaggcaa	gtgtccccctt	ctgnattttt	660
tanggactct	aaccttctgc	agggttaaan	ggagagtact	ttaaaccctat	atccactgtg	720
cttnattttct	ctnctttgcc	tggtaactgc	tgtagggtag	aagtaccttt	ctgtgccagt	751
ganaatgacc	tgtgtggtac	tgatgtaaaa	n			

<210> 2558  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 2558						60
gnngnnnnnt	tttnnaagacc	nnnnnngnng	nnntnagnnn	nnntnnnnnn	cnntggctct	120
ggttcttttt	gcaggatccc	atcgattcgg	gaaaattgta	attctgaagt	ctgggtgaac	180
ctagcttgca	cctacttctt	tcttgggatg	tataaacaag	ctgaagcagc	tggatttaaa	240
gcttcaaaaa	gccgactcca	aaaccgcctc	ctcttccact	tggctcacia	gtttaatgat	300
gagaaaaaat	tgatgagctt	tcatcaaaat	cttcaggatg	tcacagaaga	tcaactcagt	360
ttggctcaat	ccactatatg	cgatctcact	accaagaagc	tatagatata	tataagcgaa	420
tactgctaga	taacagggaa	taccttgccc	ttaatgttta	tgtggccctc	tgctactaca	480
agttggatta	ctatgatgtg	tctcaagaag	ttttggctgt	ttaccttcag	caaattcctg	

atagtaccat	cgcactcaat	ctgagcct	gtaaccattt	tcgcctttac	aaacagag	540
canctgaggt	attgatggaa	gtgctttt	aatgtacttc	attccaattt	gaactttt	600
atctttccaa	gttattcatg	aaactctggt	atctgtactc	ttgatnatat	ccctttatca	660
ttgncactgn	gatctataag	acctaattat	atgttatcag	gtattctnaa	aagaatgttg	720
acttctgaat	taaaaaaaaa	aaaaaaaaana	a			751

<210> 2559  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2559						
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ttgtaannnn	acagctactt	gttctttttg	caggatocca	tcgattcggt	gatttacttt	120
ctcattcaaa	atacatattg	gatattgtat	ctaattttgt	attggtaatt	ttgggttatg	180
aaaccccaga	tttgaagccc	caaattgtat	agggttcaat	gcccataaaa	cccagatctg	240
cccctgctta	gaggccggcc	cctctaggag	acagcatgtg	gggccaccca	gagatgcagg	300
actcttctgt	tctgccctat	cgcagcagag	aggccatccc	tgagagctga	aggtgcagac	360
tggaatttgc	tccttctctg	aattgctagc	tcctgctaatt	gcctgcattg	ctgctgcaaa	420
ggatattcag	aaaaagttgc	tcgtcagaaa	aagaattcat	gctagctctg	gccctgctgc	480
tgatgcattg	tgtgaaaccc	ttgagtgcac	tcacctcttg	gaactcagtt	ttcccatttg	540
taaagtgata	tcaatacttc	cgggtgtggc	tcangtttgg	gccctgtgaa	ttgtaaaagc	600
ctatgccatg	ggaggatgta	tgattataag	ttgngttgct	attacttgna	ttgctaaaat	660
cttgcattta	ttgaaaaatg	cccaaacctt	acatttcagt	gactaaagag	caaaaccagt	720
gttcactctg	acatagnntt	tttaaatttt	cattcattca	ctcat		765

<210> 2560  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 2560						
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ncnaatgcna	ggctcttggt	ctttttgcag	gntcccacgc	attcgaattc	ggcacgaggt	120
agagacgggg	tttcaccatg	ttggccagga	tggtctcaat	ctcttgacct	cgtgatctgc	180
ctgccttggc	ctcccaaagt	gctgggatta	cagggtgtgag	ccaccacgcc	tgcccggtct	240
atcttttatcc	acagtaaatc	ttcagcaact	cattgtctcc	accagatagt	atctttctgt	300
aaatgaaatg	ctgacttcgc	ctcttctctg	tgtatgctca	tcctgcact	gagcacagat	360
atgacaagca	gtagccatgg	gggangtggt	tgacaaagat	aggaccccg	gagggggcgc	420
aggtacatgc	tagtttcaat	taccacagta	ttctagagac	nggttgcaat	gacaaggggg	480
gcaaatgaaa	tcaatgcaag	atcttctaat	aatgggcaga	cagaaaaatg	taaaaccaca	540
caaaacggac	tgctgataat	atcttctaat	atacttattt	gncttctttt	tgcatgttga	600
aaaaacaaaa	taaatcttgt	gtgataattt	tgatgatgaa	aggtggaaag	ttctacctan	660
atcttgatga	ntgttttttt	aanggggaatg	aaaatgtcat	ggtgctnaac	cttgccaatt	720
agaagaatca	ttgaaaatgc	tgaaaaattt	nacagtcttn	tta		763

<210> 2561

<211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 2561

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aaggtacagt	ggtggggagtc	aaaaaagcat	aagggagaaa	accaagactg	aaaactgtta	180
ttgagcttag	tctgtgccta	gttcagtcct	tagcatttta	caagttttct	ctgagttaac	240
aaacttgttg	gggaaactga	ggctttcaga	tgttgataaa	cttgtgtaag	ttgtagagca	300
ggttcttttc	catagttccg	cattttttac	ctgcaataca	gcaatgcggt	tgcccaggcc	360
cctcccagga	gagttgcagc	ttccccggag	gccacacttc	ttcaacacct	tttgctaaa	420
ggctcttttt	ccctaaaggc	tcaactcatc	ccttgcaaaa	tacccaaagc	caaatgagtc	480
taganggtaa	accagccatg	taggatgtgg	acctttacaa	ctgaaggaaa	ctgaggtatt	540
tcaatatgat	gaaatactct	gtagtcatta	aaatgataga	tgtgaatgtg	tagaaatatg	600
aaaaagtttt	gggaaaaagt	tgcacatata	tgaagaaacc	aattgaaagc	aatgggcatt	660
tattaatttta	ttttggttnt	ggtttttttt	tgagaacaag	cccnc		706

<210> 2562  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 2562

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aacctcacc	ccacccaggg	aaaagtaagt	ctttttctaa	cgatccacca	gattaggggt	180
acatttaaca	gtaactagaa	aggttaattn	taaccttaat	cagaaagatt	aatttctgtc	240
ctttcagttc	tctttctgtg	ctcataaata	agcattgnnt	cttttaataca	acctgggcag	300
tatctttctc	attttaacag	ttgtctagag	ctcagttgtc	ccagcattta	tttactgggt	360
ccctgatgga	tggagggtgg	tgttgcttca	gtggttgggc	agtgcagacg	atggttgagat	420
tcacattcgg	tctcgtctct	ttgttggttat	aggataagtt	ctcaaagggtg	ggattcctag	480
atccaaggct	tctgacacac	acactgctga	ttgaacctca	gtggcagtg	ttgagtgcac	540
ctgttcctca	ctccatttcc	acctttattc	acatgttgat	tcaactcagca	tttaatgagt	600
gcctattatg	tgccaggcct	tccttcagtg	ctggggccct	tcancaatca	aggcagataa	660
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ctgaagtggg	aggattgcgt	gatccccgg				749

<210> 2563  
 <211> 701  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(701)  
 <223> n = A,T,C or G

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<400> 2563
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ggccatagcc tctattcctg cccagctgtg gatccctcagc ttgccatggt aggtacactg 120
gaccagcttg tggagccata gcccaggagc tcaggggacat tgagtgcagg tttcttactc 180
ctacctgctg gccctgtggc tgtccctggt ggccagccca gctgcagcaa aacctacaaa 240
gcctccagcc atggttaggc tcttggacct gcccagtcga gctggggcctt gggctgctag 300
gggttttggc acacgtccat gtttggcgga ggggtgtgct tcaaaccctg aagggcctaa 360
tttcaccatt ctttctggct gccaaggga acttccctgc ttttctccct tgctgttggc 420
tggataaaac tggcaatcag aaagtcaaga gctacagctg atgggtcatgg tgttcccaga 480
gagtcaggaa tatccatgga agctgagcag atgcctgtt gctctcccat ctcagctctt 540
tgaattctgag accatcatcc gctcattgac ctttgatcac aaaactttga acttctgaat 600
tctgctccaa atccctngct cttttttncc ctatccctgt gccaaaccagg aagtttcttc 660
tatttncang cctcctggca naagcaggct tccggttggt t 701

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<210> 2564

<211> 697

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (697)

<223> n = A,T,C or G

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<400> 2564
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aggtacccaa gtggcctgaa acagtgtagg gaaagacctg ggaaacactg gaccaaaaaa 180
gcctgatctc atggagacct gcatggccct gttagagatg gcgtagaagt gaaagtctta 240
aaggggagcat tagagatcct tttaatacac gactgagtg cagcttattt gtgatgcccc 300
ttcccagacc aggttaggat tcctgggaag gcccgcggat tccggccctg gaagaggcag 360
gatcctggag cagttttgtg aggcctttgt gctcccatc gccccctggt ggtgagtgta 420
aagaagactt tgcctctcac aactacatgt atgtgtggca tttttgttag agatgagaaa 480
aggattgaga aggataaact ggaatcctgg taagaacctt tatgccaccc gacacctgct 540
gtaattgggg tgcattgagc atggagtcag atagttgttg gganggggan gacaagaagt 600
ctattgtttg gactgtgttt gctcacaatc accacaaaat aaaatgtnga aaatgaaaaa 660
aaaaannnaa aaaaaaaact cgagccttta aactttt 697

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<210> 2565

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (757)

<223> n = A,T,C or G

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gagtaggttc agctctaaca taccttaaga aaaatgcata tcggtgcact gtatgtattt 180
caaaatgcct ttcctatgat tgtcatgtcc tcctttaagg cttttccctc aaatttatta 240
caaatttagt attttttagta cttgatgact ctaattacat gaatgcacct ggaatgacat 300
ttgtaacaga agacagtctg acttgctttc agtattcaca agttctttcc agtttccaag 360
tcttttccta gcagtaattt aggggagaca gaggagtttc atgtaaagag catgcagttt 420
ggagtcagaa cctgggtatg actctgtggc cttgatgaag caagttactt aaactcttga 480

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gttttagctt	tctcctttac	aa	tgaa	tgctatccc	cctacaaaac	aa	taaa	540
tgtgatgatg	tatgcccaagg	gg	gnat	attgtaaaag	tgctatataa	tt	aagat	600
gggtctaaatt	ttcaagggat	ctaaaaccan	gggattggca	aaccgttttt	ncaggggagt			660
aaatattttt	aacgcttttg	catatattaa	attaatggaa	ggtggttgaa	aagggattng			720
anttngacca	ctttgaaagt	acctcangga	taggggc					757

<210> 2566  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(751)  
 <223> n = A,T,C or G

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atgctatcca	agcatgttgg	ggtggaagg	aattgggtgcc	cagaaaatgg	gactggagt			180
aggaatatct	tttcttttga	gagtaccccc	agtttatttc	tactgtgctt	tattgctact			240
gttcttttatt	gtgaatgttg	taacattttta	aaaatgtttt	gccatagctt	tttaggactt			300
ggtgtttaaag	gagccagtgg	tctctctggg	tgggtactat	aatgagttat	tgtgaccac			360
agctgtgtgg	gaccacatca	cttggttaata	acacaacctt	taaagtaacc	catcttcag			420
gggggttcct	tcatgttgcc	actccttttt	aaggacaaac	tcaggcaagg	agcatgtttt			480
tttgntatatt	acaaaatcta	gcagactgtg	ggtatccata	ttttaattgt	cgggtgacac			540
atgttcttgg	taactaaact	caaatatgtc	ttttctcata	tatgttgctg	atggttttta			600
taaagtgtcaa	agttctcctg	ttaaaaaaaa	aaaaaaaaaa	actcgancct	ntanactata			660
gtgagtcctt	attacgtaga	tccagacatg	atnagatcat	tgatgaattt	ggaccaaccc			720
aactagaatg	cagtgaaaaa	aatgcttttn	t					751

<210> 2567  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 2567								
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gggtagaaga	agaaatgatt	acgaaaatcc	tggataagcc	agctcccttt	caaggggagc			180
agtgtcctca	gtccccacc	cccacctaaa	aagcagggtc	cattcagccc	agccagctca			240
tccttgagct	tccatccagg	acctacaggt	gtcgccctcc	gcatggcgag	gcccggagg			300
gcagctggct	gcaggaggca	gaggagtctg	gaccgctaac	ctgagcatgt	ggaaataata			360
tatgtcttca	agtgaactgt	ctggctctgg	agaaataaaa	taggacattc	ataagcagtt			420
caccatctgt	ctttatacca	tcatcatcaa	cagcaagang	aaaaatagct	ctttaaaatg			480
gatgaaagcc	caagctgcag	taaccggaaa	actgtgagct	ctgaatacca	ataaaggtag			540
agaaatgatt	aaaaaacaga	gatgcaaact	gaaaatttgt	ctggacagct	cangcccacg			600
atgctttgca	ggcanggtgt	gtttatttgt	tccgaaagca	taaagcaagc	tgnttaccac			660
gagccagcct	ggggaaggct	tggctctcgg	ncctggaaca	cgtnggaacc	agggcaaaat			720
ancttccgct	ttgaacaaaa	tctggtccca	ccttac					756

<210> 2568

<211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

<400> 2568  
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 agatgaaatg cactagtttt agtgcttcat ctgtaaaact acttttttat gtgaatttat 180  
 tttttaaaaa atgtctgtca ctaaagagaa aatcatcatc gcttggcatg gataaaaaaca 240  
 ctaactgcca aagtcattaa cttttggcca aataccaaag ccagctaaag tcacagggcc 300  
 ttggcctgta ttctttgtta aaaagagatt aacaactgtc ggggtgataaa cataagatat 360  
 accagcacca aactgaactt tctcctctaa ataatacataa ggattgacca aaaactgaaa 420  
 agcaaattgc ttgtcacta tatgtgattc cttgttactt agggtcacct ccgtataccc 480  
 tctaaaattg ttacttacat gctttgcagt tggacatatt ttggttttaa tcccagctcc 540  
 accaacacct cagacttcat ctccaaagcc tcgggtttcct tctctgtaaa acagggataa 600  
 tagtagcacc tgcctaaggg cttgtgcaaa ttagattggg atagtgaatg atgtatagtt 660  
 ggtgcttgct taatgaatga cgtgggtcagt gtcaatggcg tgtcagaccc tgaaggggct 720  
 ctagcccagg aagccttccc 740

<210> 2569  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 2569  
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 cccatcgatt cgaattcggc acgagattac aggtgtggcg tgagccaccg tgcccggcca 120  
 agctcctggc cttcttattc acttgacagt tttgagaatc tttgatttca gggatgttga 180  
 gagctgctcc tgtcatctgg agttgagtct caccatggg ctacagtgtc cacaggagtg 240  
 ggaccttctg ttcttgaact taggctgtgg tgtgatcacc cttttctctg catccacctg 300  
 acaggctggg acttgggcta tgcctctggc aaggctggct ggtgcaatga tgccctctag 360  
 aggatggatc aggccagtc accacctcag attcagtgcc tgcctgctct cctctttcca 420  
 cttggccctg gtgacagaca gatagaggcc cagctgacgt gtctatcgga acgactttat 480  
 ttcagtacac tgggccccac caggcaatgt ggtttgtgcg agctgtgcga gggacangct 540  
 tgggctaaga gaagggaggt gaagttggnt aaacgcactg cantccgcgg gcgctacgtt 600  
 gctttcacac atacctgctt cttgtggccc acacctggca ngggcctttg gcataggacg 660  
 gcntggggga naatcttctg tgaagtctgg gatgggggtg gggctcttgt gtnacaggtga 720  
 nggtgccggt gaaaaaac 738

<210> 2570  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)

<223> n = A,T,C or G

<400> 2570

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acatgtccat	taacatgtgc	ttaatctggt	ctgtgaaagt	attttcagaa	atgataaaaa	180
gtaatgatgg	ttacatctga	atataagtta	gatcatgaca	ctcactcctt	ttttcagaaa	240
ctaccagtgg	catcacatct	tactcagagt	aaaaaccaca	gtgggcttac	tgtgggctgc	300
aaggcctcgt	aggatttgcc	ccccatgact	ttctgacttc	atctcttgte	acacatctcc	360
ttattcgctc	cacgcgaagc	acagtggcct	tttctactgat	tcttaaacad	gccagggtaca	420
ctggcctcag	agcctttgca	ctggccttttc	caggcactgg	cttttctactc	tgccctggaaa	480
gctcttttcgc	cagatatttg	catggctagc	tccctcacat	tctcctgggtg	tttactcaaa	540
agtcagtctc	tcagtgaggc	cttgtatcac	caccctaact	aaaattatac	ccattttatc	600
cttgncttac	atcttctctc	ttatttggtc	ttagcattca	ccattttctt	atgtgcaacg	660
tgtttgatgat	ggttatatca	tttatttctg	nctttccaat	tggaatgta	agcatcagga	720
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<210> 2571

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2571

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ccatctcaaa	gaagaagaaa	gaaaatgaaa	aatggntgag	aaaagttaag	taacgtntctg	120
aggctggagg	ggccccgcctc	ctcctcacct	tggggagaag	gacagcgtga	ggctagcctg	180
ccctacactg	ggtggccctt	tcccctggcc	tgaagttgca	gcacctgcag	gctaaaccag	240
cacatgcatg	agggctgctg	ggccggggct	tngggagcag	ccgatgcttc	taaaaccctg	300
ctctgggtgg	actctaggga	tgcagtttgg	gtctgtgtct	ggggctggca	gacaagccca	360
cgtgccccacc	tctgcagaat	gagaagtaag	ggtgggcaac	aggccctgcc	cctcacgttc	420
tgctctttct	ctaagaactg	cagaaccttg	gcaagccctt	tgccctctgcg	tgggggtgccc	480
gtgtgccccct	catgaggata	agcccttcgc	ccctgcgtgg	ggtgcctgtg	tgccccctcat	540
gaggataagc	nctttgnccc	tgcgtggggg	gcccgtgtgc	ccctcatgag	gataagccct	600
tcgcentgcg	tggaatgcct	gtgtccccct	catgangata	anccctttgg	ctttgggtgg	660
antgcctgtg	tgccccatg	angataaacc	cttttgccct	ctgcntggaa	tgntctgtgtg	720
ccccttnggt	taagcccaaa	tgnaa				745

<210> 2572

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2572

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atctacctcg	aggctgtatt	ttaacagatt	attatatcga	aagaaaaaaa	tgaatgttta	180
taaaataaca	tttctttttt	tttttttttg	agacagggtc	tcacttggtc	cactgcagtc	240

ttgacctcca	ggctcaagtg	atgctccac	ctcagccttc	cgagtagctg	ggcacaag	300
tgtgccacca	tgcctagcta	atgctgtaa	tttttttttt	ttttttttgt	aaagtgtgg	360
ggttttgcca	cgttgcccag	gctgggtctca	aactcctggg	ctcaagctat	ctgcctgcct	420
tgggtctccca	aaatacttct	gtaaatgtaa	gaaaagggga	ataatgaagt	aatagagacc	480
tctgatgatt	ctcattactt	gnctttgnaa	taagatctta	aaaaagaatg	tgtggcaaac	540
aaaggaaaat	accagttcta	ctaaataaat	gtctgtcttc	cctgaactct	nccatctttt	600
aaacatgaat	ctggattttc	tgnaanggtc	tcttncccta	tccaccct	taaaaaaaaa	660
aaaaaaactc	gagcctntaa	actatgggga	gtcgnttacg	tgatcngaca	tgataagatc	720
nttgatgagt	tcg					733

<210> 2573

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 2573

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acaattatct	tatgaatatt	tgcgaactca	aagggatctg	attggtgacc	tctgggcttt	180
atcaaattaa	catcacaact	tctagaagaa	agtcaacctt	catcttttac	aatagaaatc	240
atatgttttg	ctaaccatt	cctatttagg	ctgaaaacaa	ttaagagtta	tgggtactta	300
aaaaaatcat	tatgtttata	aaattagtga	tagaaggagc	atagtgttca	tacagtcaca	360
cacatacact	tccttatttc	ttttatttaa	actttgagta	acatagcagt	ctatgttttg	420
gtcagttttc	ccttttttgt	aattacattc	agtgggtttt	gtaacttcat	tattttattgg	480
gaattaagtg	atttagtcag	tgggagtttt	gtaaaactta	agattttggg	cattttttccc	540
cctcctcctg	gataaccagt	taaccaata	atggcttggc	ccgatggaag	ggtaaaatga	600
ggacagttat	atttttttaa	tgtcattact	gncaccaa	cacacatatc	attttctaag	660
ataaggaaat	tccaccattt	tttcaagttg	caaaaaagta	ctctggcttg	caggttata	719

<210> 2574

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 2574

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agaaggaaaa	actatccaac	tctggccaat	attgaaagga	agaagaagtt	aaaacttgaa	180
aaggagaaga	gaggagcagt	attgacaaca	acacaatatg	gcaagatgaa	ggggatgtcc	240
agacattcac	aaatggcaaa	gatcagaagt	cctggcaaga	atcacaaatg	gaaaaacgac	300
aattctagac	agagagcagt	cactggatca	ggcagtcact	tgtgtgattt	gaagctagaa	360
ggtccaccgg	aggcaaatgc	agatcctctt	ggtgttttga	taaacagtga	ttctgagtct	420
gataaggagg	agaaaccaca	acattctgtg	ataccaagg	aagtgcacc	agccctatgc	480
tcactaatga	gtagctatgg	cagtctttca	gggtcagaga	gtgagccaga	agaaactccc	540
atcaagactg	aagcagacgt	tttggcagaa	aaccaggttc	ttgatagcag	tgctcctaag	600
agtccaagtc	aagatgttaa	agcaactgtt	agaaattttt	cagaagccaa	gagtgagaac	660
ccgaaagaaa	agctttgaaa	aaacaaaccc	ttaagaggaa	aaaagattat	cccactatca	720



<210> 2575  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

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 cccatttcct gtgtaaacca ttttaatttaa atgactctgc ttgtctcact gttatgataa 180  
 atttgtgtgg tagatcgag cctgttagct attactggaa gttttctgct tttattacag 240  
 gcctctcaaa taggtagggt ttaacatttt attggacccc ctgccccttc ccaatttcaa 300  
 ctattaaatc cttaaatttg ttgttttggg tatgcagaag ttagttatca ggttatatgg 360  
 ttcccaatga gtgaggaaat tgggaagggt ttgtgttttt tttgtcttgt taactagaaa 420  
 tgggttttgt agtttagctt aaggggcccca acagcttggt tgagaagaca gctatggaac 480  
 ttgagctggt tacatgtttt ttaatactgc gagtgtatta ggaaaattgt acaagtcctt 540  
 ctcttggtct ttaggactta agtgagttta aagagatgac aacatgtggt tccccagggt 600  
 aagctttctt tgaggatttg nctttctttt aaaaaaaggt gcttgggcac ggtggctnac 660  
 acctataatc ccccaactttt gggaactgan gtgggaggat acttgancct anggagtcn 720  
 aaccagcctg g 731

<210> 2576  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

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 gcgagtgccc gccacaaaga cggatgatct gcagtcacgg gcgcggtaca ccagcgagat 180  
 gcggagtgag ctactaggca cggactctgc aggtgagtc ccatgaacac aacaggactt 240  
 gaggggccagc tgactaggac aagacatgta tccttgctgc cccggggcct ccatgccgag 300  
 actccatgcc ctgactccaa caggagcatc accaaactac acctggagga agagccagga 360  
 cagaggaaat ggccccgaga ggaaacaaag ctaggcacag tggctcacac ctgtaatttc 420  
 ggaggctgag gcaggtggat cacctgaggt caggagtgtg agaccaacct ggccaacatg 480  
 acaaaaaccat gtctctacta aaaatacaaa acttagccgg atgcagtgcc acgtgtctgt 540  
 agtcccagct actcgggagg ctgaggcagg agaattgctt gaaccagga ggtggangtt 600  
 gcaatgagct gagatcacac cactgcactt caaccgggg cgacagagca agactccgtc 660  
 tcaaaaaaaaa aaaagcnaaa aaaattacca ggcgttggtg accacacctg tagtccagca 720  
 tacttgggan gctgangcag gaaga 745

<210> 2577  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 cgggcaatgc tggagaccct tcgcgagcgg ctgctgagcg tgcagcagga tttcacctcc 180  
 gggctgaaga ctttaagtga caagtcaaga gaagcaaaag tgaaaagcaa acccaggact 240  
 gttccatttt tgccaaagta ctctgctgga ttagaattac ttagcaggta tgaggatata 300  
 tgggctgcac ttcacagaag agccaaagac tgtgcaagt ctggagagct ggtggatagc 360  
 gangtgggtca tgctttctgc gactggggag aagaaaaaga caagcctcgt ggagctgcaa 420  
 gaggagcttc agcagctncc agctttaatc gcagacttag aatccatgac agcaaactcg 480  
 actcatttag aggcgagttt tgaggaggta gagaacaacc tgctgcatct ggaagactta 540  
 tgtgggcagt gtgaattaga aagatgcaaa catatgcagt ccagcaact ggagaattca 600  
 agaaaaataa gangaaggac ttgaaacctt caaagctgaa ctagatgcag agcacgcca 660  
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 accttccacn g 731

<210> 2578  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 2578  
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 gaagattatc caatgagaat tttatatgac cttcattcag aagttcagac tctaaaggat 180  
 gatgttaata ttcttcttga taaagcaaga ttggaaaatc aagaagcatt gatttcataa 240  
 aggcaacaaa agtactaatg gaaaaaaatt caatggatat tatgaaaata agagagtatt 300  
 tccagaagta tggatatagt ccacgtgtca agaaaaattc agtacacgag caagaagcca 360  
 ttaactctga cccagagttg tctaattgtg aaaattttca gaagactgat gtgaaagatg 420  
 atctgtctga tcctcctgtt gcaagcagtt gtattttctga gaagtctcca cgtagtccac 480  
 aactttcaga ttttggactt gagccggtca tcgtatccca agttctacca aacccttcac 540  
 angcagtga caacttttaa gggaagagcc cgtaattgta accccacctt accaaaccaa 600  
 tcacttagtn aaaagttcct aaaaaacttc caaaaatggt gccacttaaa aaatgggatt 660  
 gnatttttgg aaatgggtgg aaacttncct aaaanttagg aaccaccttt tngggnatte 720  
 ttctggnaat tattncctaa tgggggnttt naaaatggaa agaantttcc cccaattgg 780  
 gggaccttn aaaaaaatgc c 801

<210> 2579  
 <211> 841  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(841)  
 <223> n = A,T,C or G

<400> 2579

tttnttantg	gggtnttcng	gc	naat	ngcttggcta	ctcgnnctct	nn	ggcat	60
cccatcgatt	cgcgccggc	tg	gcct	ggctctgtct	acactggccg	ag	ctggg	120
tctgtctaca	ctggccgagt	ctccgactgt	ctgtgctttc	acttacactc	ctcttgccac			180
ccnccatncc	tgcttactta	gacctcacc	ggctccggac	ccggtacggg	cagtctgngg			240
cancangaat	gaanggcgcn	ccgnnccctn	cttcatagga	ggctctgggt	gggggcctgc			300
tncccatacc	cacaagctca	cccagcantc	tcattgctgc	tgtnganttc	agctttacca			360
gcctcagtg	ngangcttca	tncnagcnca	cangcctngg	gcttgncang	ggccnactg			420
gggctnggcc	cctgggtntt	gaganactcg	ctggcaccac	agtgggcccc	tggaccccg			480
ccgnncanct	ggtngactgn	aggggcttnt	gactgngcac	aggngctncc	caacttttgt			540
tcnacnngca	ataaagaatg	ggcntgaccc	tggttnattat	atacttgggn	ncntaanggn			600
ggctaaaggc	ccccccatta	aaatgcgcct	aaactttnaa	nggntttgna	nggnaantaa			660
antgcctgna	taatttaatn	ttaaaacntt	ggncnanngg	aanttnacct	cntnancgaa			720
taaaacctgg	gcaacnnaaa	nttanttgga	cccnnnataa	tttttgntaa	aacccccctt			780
ataaaaacttn	gggatntctt	tttgggtaaa	nnnnanctgg	ccctnnggan	tcttaaaacc			840
g								841

<210> 2580

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 2580

aggtggttnn	gangncattc	naatnganag	ctacttggtc	tttttgccagg	atcccatcga	60
ttcgaattcg	gcacgaggac	ccaccctctc	caggcctcag	tcttatctct	gaaatgggg	120
gggtggttag	aggtggcttc	taagatcttt	ctacttccca	aacttgggaat	tctcttttta	180
ggagcatctg	cgtgcccgaga	tgtatggttg	agcccatggg	gtatgggggt	gggggtgggg	240
gaagggnntn	gtnnccnaat	ncactgtggc	cttnnnctgn	ngtganatan	nnnttnannt	300
ntnnacntca	tctntntnnn	gtttgnetnn	tnnnanacnn	tcttnnnnn	nnnttattat	360
gganntttct	ncanntntat	nttanatnna	cntnnnttca	tnnnnattnn	tnggnnattn	420
tccnnnngnt	nnnanatnnn	tnaantnct	angnntnctn	tntntntat	nnntgnantt	480
nananatnnn	nnntntann	atnnntatnn	nnnttnnnnt	nnatntntng	gnnnntnnnn	540
annncnnttn	gnnnnnnnnt	nnnnntntnn	nnntnnnnnn	ntnccnnnnn	ntnnnnnnnn	600
nnntnctggn	tntntntaan	nnntntgtna	nnnnntnnna	nnntnngntn	nnnnnctnnn	660
nccnntnnng	ntnnanattn	ntntannnnn	angtcnnttt	nnncnnanac	tntntnnnaa	720
ntgnntnnnn	cnaannaatt	nnnnntntcn	aanannnggn	cnntattntn	ctannntatn	780
ngnngntntt	ttannnnnnn	nnnnnnntat	tntattnngt	ntntttntnt	ntatnnnnnn	840
ngntntatnt	ttncncntnn	ntgntctnat	ncttnnngna	ntnnnnnnant	tnntatctna	900
tntgtcnntn	atntntatn	acacttntna	tattnnngcn	nnntaannnn	nnatntnnnn	960
taatgtcnctn	nnntnnctnc	atntttctta	nnnnntnnnn	ntntnttttn	ncntntatcn	1020
tnntgtcnctn	ttncntann	ntnanntntn	nttaaannat	ntcntntnnn	ntnntntnnn	1080
antccnntnn	tnntnnntat	nnnnntnnna	ntnnnnntnt	nnacttntnt	anantnactt	1140
ntnnannata	nnntnnnact	annatnantn	gcncnnantn	tatatccnc	c	1191

<210> 2581

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

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<400> 2581
gggnttanta ncagctctng tnn ggggc aggatcccat tgnnaatntc ag cttgt 60
tctttttgca ggatcccatc gattcgaatt cggcacgagt gagacagagc agccccagaa 120
cacacaccgg ggagtacagg agcctaggcc acgtacccaa cattgcaggc agagaaaaaa 180
gaaagtgtat tccatgtaag caaatgttat ttggaccttt ctctctgtct gacctaatca 240
tggctcacag aaagtaatca tactcctaata aatacatcaa cttatctgat ttatccacac 300
aatcacgtag attaatgtat gcttctattt cctggctcgt ttagcataat attgatcata 360
aattgataaa taggaataaa acaatataat tagattaatt tacaatacgg tatagttgac 420
taataacatt ttcacgattt acatactaag aataaataca tttttaatca aatgtctccc 480
ctagggtggtg cattccaggc cttagaataa aattaaagg gaaatcaatg aagacacatc 540
cactggtcac actctcatct tcaatgtttg accagtggct gaactgtttg gagttgcaga 600
atggatattt ctcttttata gttttagggg gcttggaaat tgctctttta atgctcatgg 660
ttactcttat tctgggnggc ctttaactca ttaaagacag tttccattg agaaaaaaa 720
nnnnnnnnnn .nnnnnnnnna aaaaaaaaaa gncttttaga actnttn 767

```

<210> 2582

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

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<400> 2582
tggnggnttt taaaanncag gcncnngggn nngannnttg ntataganag ctacttgtn 60
ctttntgcag gatcccatcg attcgaattc ggcacgaggg gattacaggc gtgagccacc 120
gcgccagcc tcatatcccc catttcaaac acgtgtaaa caatgctcaa ttactttcct 180
cttaagttga aaccaccaat tactggggaa aggggcagtt agattttatt ggttgacttt 240
gtgtttttac taatccttgt tgaaaagtag aggaattggt ttagttgaga aaacaaaata 300
ctaaaaaatc tgccactaga ctttttaagt caagagtttg tataaaatga aacatatcta 360
ctatctaate tataaaattt agaatctttt taattctaaa gttaacttaa gtgtgatttt 420
tagtgctggt gctgaggcca gtgttgctta aagcaggaac ttctacagta attgacaaaa 480
cttgagtttt tctgctctca tttatccatc cttcagaccc ctcagatgct atctatttcc 540
tgaaatctga cttctccagt tttagtaatt cttacaattt ttcaggattt agatagtact 600
gtcagtttac tgctatgtat atgtctttta tacttggtgn tttcagatat tacactaatg 660
nctcatctgt agtataaatc agactttctg ncttctacca gttacataat ttatataatg 720
gtgcagtaca tgtttggtga ttactaggct gga 753

```

<210> 2583

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(803)

<223> n = A,T,C or G

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<400> 2583
gggnttaanc cntnnnnntn nnaggggggn nnnnnnnttn tangantcag ctcttgttct 60
ttttgcagga cccatcgatt cgaattcggc acgagnaatg cctctatgta ggtgaagtgt 120
tctctctgca tgcaacagta aaaattaata taatattttc cccacaaaag aaacacttaa 180
cagaggcaag tgcaatttat aaatttatat cttaaaggga atcatgatta taagtccttc 240
agcccttggc tctaaattga ggggattaaa aagaatttaa aataattttg aacgaattta 300
ttttcccctc agtttttgag ggcattaaaa aggcattaaa tcaagacaaa tcatgtgctt 360

```

gagaaaaata	aaattaatga	aaagcac	ttatgttgg	taactgcagc	cttggag	420
gtagaattat	ttatttaaaa	ttgggtgc	atcaagaacc	cataggggtg	ccagggtc	480
tataaaatcg	cattttggag	ncaaagaggg	caggcaaatt	catgtcaca	gggtaaagct	540
tccaagttn	caaattggg	aacgccagg	gtgtagggat	ttaaaaaac	ccactnttgg	600
agaaacccaa	aatgtaatca	gggggggctt	gaaaaacctt	gcatggggct	ttttaaaaca	660
nttagccctt	tgngttaaca	aaaatttctt	ggngatttgg	cacgatcccc	taannngngc	720
ccattnggcc	cnaacaccaa	tttttgccc	cttatgggcn	ctttnaaaaa	ttttaatttn	780
aaaaatcccc	ctttttnccg	ggn				803

<210> 2584

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2584

tggtttnga	tcaanngtc	ttgttctttt	tgcaggatcc	catcgnttcg	aattcggcac	60
gaggcaacac	aaactgaatt	tccttattgc	tgatagctgc	ctgtagaggg	gtggtcaaag	120
agactctacc	tggaaaactc	ttacagaaaa	acattattga	ataccctctt	agtttcagag	180
tttccagtct	catttctcct	taaatctatt	cacccaaaaca	ccaccagttt	cccctaccac	240
aaacacacac	ataagtacac	actcacctat	tttcaccttc	tcttccactt	ccacctttgt	300
gttgaacctg	attaaactct	gatactttta	actccaaaat	atgctatgct	cttattaaca	360
actggatctt	agtagtttgc	aaatgtttat	ttctcgttta	tatgcagttc	attgtgagca	420
ggtggatggt	ctgctccata	cccactgcag	tccgagatct	agacagaaaa	gtagcttttc	480
tctagaatat	tgnggggttc	ataccagaca	ggaaaaatga	aattacacag	tggcttatat	540
aatttttgc	tgtactttca	cccacatttc	attgcaaaag	caagtcacat	agccaagggt	600
attgggttta	ngaggggtct	ctgaaaatgg	ccagtagggg	agacaaaggg	gatatttgtg	660
aacaatattg	caatctatcc	tatatgtcat	tctttaaggt	ttaacacagn		710

<210> 2585

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 2585

agttangtcg	nacgngttc	tttttgcgga	tccctcgatt	cgaattcggc	acgaggaaga	60
agctgcagaa	gaaatgaaga	aagtgatgat	gatttagatt	ttgatattga	tttagaagac	120
acaggaggag	accatcaa	gaattaatat	cactgtatta	aaagtctgcc	gggcacagtg	180
gctcacgcct	gtaatcccaa	cactttggga	ggccaaggag	ggtggatcac	ctgagggtcag	240
gagttcgaga	ccagcctggc	caacatggcg	gaaccccatc	tccactaaaa	gtacaaaaaa	300
ttagctgggc	gtgggtggctc	atgcctgtaa	tcccagctac	tcaggaggct	gaggcaggag	360
gattgcttga	accctggagg	cggagattga	agtgagctga	gttcgtgcc	ttactactcca	420
gcctgggtga	cagagtga	ctctgtctca	aaaaaaaata	aataaaaagt	caatttagaa	480
tgtgaaatc	tgaccacctt	ttggctttga	gtattttcca	aaagatattt	gaaatcctaa	540
tgaggaaatc	agaaaaagct	atggaaaaat	agacaaattt	cataccttga	acaatataaa	600
ttgngtatat	taccttaaca	tcaaaaactaa	accaaggatt	caagaattga	tggttggatt	660
aaagaaccta	gcntcatgtt	aaaaattaaa	attaaccttt	aattaccntt	gncctcaaaa	720
aaaaaaannn	nnnnnnnnna	aaaaccttng	aagccaangg	gccctttttg	gaggcccttt	780

<210> 2586  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 2586  
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 atttggagag aaatatTTTA atTTTtaaat gcagttacaa attataatgt attcatattt 120  
 gtactttctg ttaaaatgca tgattgcaga attgtttaga ttttgtgttt attcttgatg 180  
 aaaagctttg tttgttcttg tttttaagtt tgcactcaaa tcttaagaaa taaatccacc 240  
 catgttatca aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt gagtcgtatt 300  
 acgtagatcc agacatgata agatacattg atgagtttgg acaaaccaca actagaatgc 360  
 agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta 420  
 taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt caggttcagg 480  
 gggagggtgtg ggagggtttt taattcgcg cgcgggcgcc aatgcattgg gcccggtccc 540  
 agcttttgtt cccttttagtg agggttaatt gcgcgcttgg cgtaatcatg gtcataagctg 600  
 tttcctgtgt gaaattgtta tcccgctcac aattccacac aacatacgag ccgggagcat 660  
 taaagtgtaa aagccctggg ggtgccctaa tgagtgaacc taacttcaca ttnaattgcy 720  
 ttgccgctca ctggcccgt tttccantcc ggnaaacct 760

<210> 2587  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 2587  
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 tgtgtgtgca caaagcccct aaggtttcat gtgtacacac cggtgctaag tgTTTTTTTtac 120  
 acccttggtc atctctcggc ctggggctcc tgtgcagggt gccctgagag ttgggttttt 180  
 agttcaaaaa gaaggaacac agatgactac tctgctggcg acacggccac tctgctggca 240  
 cgcacatagc atggcgctc cttttttggg ggactctcct tggaggcatc tctggcaggc 300  
 tgtgtcctct ccagctgcag ttctggaccc tgtctgggtt ggggaggggc atttggtcct 360  
 caggctgagc ccacctggat tccccaggcc ctgggtgagc gccactctgg ctgcaactcc 420  
 ccttgccctg cccgtcctga ggccccctc tcgtcctcag tgggtggttct ggcggggctg 480  
 ttcgtgatgg tgttgatcct ctctctggga gcctccatgg tctacctgat ccgggtggca 540  
 cggaggaacc aggagcgtgc cctgcgcacc gtctggagct ccggagatga caaggagcag 600  
 ctggtgaaga acacatatgt cctgtgaccg ccctgtcgca agangactgg ggaagggang 660  
 ggagactatg tgtgaacttt ttttaaatag aaggattgac tcggatttga ntgacattaa 720  
 ggctgagctc gttctt 736

<210> 2588  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2588  
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 gagcacaggc tttggttcag aatataggtc agccaacca ggggtctcct cagcctgtag 120  
 gtcagcaggc taacaatagc ccaccagtgg ctcaggcatc agtagggcaa cagacacagc 180  
 cattgcctcc acctccacca cagcctgccc agctttcagt ccagcaacag gcagctcagc 240  
 caaccgcgtg ggtagcacct cgggaaccgtg gcagtggggt cggtcataat ggggtggatg 300  
 gtaatggagt aggacagtct caggctgggt ctggatctac tccttcagaa cccacccag 360  
 tgttgagaa gcttcgggtc attaataact ataaccctaa agattttgac tggaatctga 420  
 aacatggccg ggttttcac attaagagct actctgagga cgatattcac cgttccatta 480  
 agtataatat ttggtgcaag cacagagcat ggtaacaaga gactggatgc tgcttatcgt 540  
 ccatgaacgg gaaaggcccc gtttacttac ttttcagtgt caacggcatg gacattctg 600  
 tggcgtggca gaaatgaaat ctgctgngga ctcacacatg tgcagggtgt ttggtncag 660  
 gacaaatgga agggccgttt tgatgtcagg tggattttgn gaangacgtt c 711

<210> 2589  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 2589  
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 aagatgttgg ttctgatgag gaagaagaaa agaaggatgg tgacaagaaa aagaagaann 120  
 ngaagcaata tataaagaac gttggccaga ttatgtaagg gaactgcgaa gaaggatttc 180  
 tgcaagtact gtagatgtta tagaaatgat ggaggatgat aaagttgatc tgaatttgat 240  
 tgttgccctc atccgatata ttgttttgga agaagaggat ggtgcgatac tggctttct 300  
 gccaggctgg gacaatatca gcactttaca tgatctcttg atgtcacaag taatgtttaa 360  
 atcagatnaa tttttaatta tacctttaca ttcactgatg cctacagtta accagacaca 420  
 ngtgtttaaa agaaccctn ctgggtgttcg ganaatagta attgctacca acattgccgg 480  
 agactagcat taccatagat gatgtcnctt atgtgataga tggcngaaan ntngaanaga 540  
 cncattnnga tactcagaac caatatcntt tacaatgtcc ctcttnagtg gggntagnna 600  
 aaagcnttaa tgccnnaaac catantaana aggtcnctc ctnggnaaaa annttcaacc 660  
 cttgggncca attcgcntat ncaatctngg cttaacnggg nncntttang acnccaannn 720  
 nntttncctt angntngnnc ctnttcnaac ctggncccn aannnttttt cncg 774

<210> 2590  
 <211> 852  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(852)  
 <223> n = A,T,C or G

<400> 2590  
 ggnnanagca gctcttntct ttntgcagga tccctcgatt cggagaggta atgcttcatt 60  
 ttgcatagtt gggaaatcaag ataactctgt ttttaataata caagaaacaa aagcataact 120

atattatttta	tattacaaaa	gccttta	gaaaaactaa	aaggggtata	taattga	180
gaggagagga	aaaggaatga	taaggtatca	tgaggtaatt	tttgatcaat	taagtagga	240
aatagacaat	atctaaaatg	gataaagga	aaatggcaat	attatctttt	tattttatat	300
tatttttaatt	ttttaagaca	agtgtcgtc	ctgtcgccca	tgctggagt	caggggtaca	360
atcacagctc	actggagcct	tgacctcctg	ggctcaagt	atcctccac	cacagcctcc	420
cgagtacctg	gtactacagg	catgccacca	cacccggcta	atttttgnat	tnnnnnnnan	480
ncnnnnnnnt	nnnnntnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	cc					852

<210> 2591

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2591

ggnttnaaat	atcangctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagaataaaa	ggttccaatt	tgagtttcat	ctgtcagct	gccagcagca	gtgattcccc	120
aatgactttt	gcttggaata	aagacaatga	actactgcat	gatgctgaaa	tggaaaatta	180
tgcacacctc	cgggcccaag	gtggcgaggt	gatggagtat	accaccatcc	ttcggctgcy	240
cgaggtggaa	tttgccagt	aggggaaata	tcagtgtgtc	atctccaatc	actttggttc	300
atcctactct	gtcaaagcca	agcttacagt	aaatagtatg	tgatctgact	tttcttttag	360
catttaaaga	taccttttag	aaatagaaag	cacctgtttt	tctctcttaa	tcttaaccct	420
gtcttttctt	ctcacagttc	cccacctgac	tcttcttttc	cctacctttc	attccacaaa	480
attaagattc	ttggttat	gtatctaaac	ctgcaattat	gttgaagacg	acaccgtact	540
cagtgtggtg	agtaacacag	agatgaacca	gacatgtttt	tgctctttnt	tttttctttt	600
tctttttttt	ttttgagacg	gaatcttgca	cttgtcaccc	caaggnttgg	atgacatcct	660
gggttgcant	gagctgaaaa	tggtgccaat	gnacttccaa	cctgggtgac	aaaat	715

<210> 2592

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2592

ntnagggggn	ttgaaggncn	ntttctanat	gctaggctac	tngttctntc	tgcaggatcc	60
catcgattcg	aattcggcac	gaggtcatga	tcaactcagt	ataggttttc	ttaaaaaatt	120
ttttcttaaa	atgttttttg	aacttcaaat	aagtttggtt	ggtgctacag	atttaaactg	180
acttgtttgt	gaggataata	gaattctttt	tgctatgaac	ttatcagtca	gcccagcgtc	240
tgtgagacgg	tgctgtcttg	catggtgcag	tccagagtgt	attttgcaaa	cgtctagcac	300
tgcttttatg	taggacgcgt	gcttcgtttt	attggtctaa	aatttcccat	gtcataacac	360
tttgatcatg	ccttagagaa	gtcttacagc	ttattcagag	cactttggag	acattaacac	420
ccagcgtgca	aatgcgtctt	cttgcttagg	cgtcttggtc	cttggtgtca	gcatcagctt	480



ctaggccccgc	ttggtgtggt	tcacccan	agaaagtgct	ggtgagaaga	taacccan	540
cagtgttggg	agagcangcg	atgaccctg	ggtttgnttc	gatgtgggtc	acgagcggtg	600
ctgtttctca	aaagtgggtca	tttggagtac	ttgatgtacc	tggatttttg	ctaacccttg	660
tncanctttg	ctgttcttta	tgtaaaatat	attcattttc	aaaggaaatg	gttggggccgg	720
acacagtggc	tnacgcctat	tatcccanca	ctttggggag	gc		762

<210> 2593

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2593

agnmntanat	cngctctctt	gttctttttg	caggatccct	cgattngaatt	tcggcacgag	60
aagaaaccag	tagctagctg	ctatttatat	ggtgaggggg	tgctgcctgg	taacagaata	120
gtccacacc	acagcttgag	attttgttta	gtttcactgt	gtgagctttc	ataaagtctg	180
ttgccattcc	atctctgtgt	taacacttca	tatttttatg	aaattcagat	aatttgtgag	240
aggctggcat	ggatctaagg	atattattatt	tttattctag	tccatcagtt	cagtcgcagt	300
ttttatacta	ggacttttagg	atgtacataa	atgtgtgact	gtttgtcttg	attaaaagtg	360
cactgtgccc	agcatgggtg	ttcttatatc	agggtgttta	gggagctcgc	ttgcttattc	420
cattctttta	tccttacagt	gtgccacacg	tataaagttt	ataacgtatt	aatgatctca	480
ttacccaaaa	ccagaacata	atttcacaa	ggttcctact	tctgtattgn	tttattatct	540
caaaaattta	aataacatgt	tctgctgttt	attggctctg	ntatccactg	nattagcacc	600
ttccctgatg	tgctttggag	gttgatcaat	gaattctgag	actttctgct	ggaattactt	660
taagggtgct	tattagatga	tgaaaaagtt	ggctgagacc	cn		702

<210> 2594

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2594

nnttttagatc	agctctcttg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
ctttatctct	aaattagaat	cacaaatgcg	taatcttttc	agggtaaaaa	tgtgtcatct	120
ttaaagtctg	tttcagatat	attttaaatt	actattttta	atgaattcat	atggaaaagt	180
cgtgggagct	taaggccttg	tttaaaagg	aaaaaacaac	tgagtctttt	tagattaatc	240
aaaaactatc	ctcttccttt	ggagaggaga	gagtgtttgt	cacacgcgga	atgaagtgcc	300
atgttctttg	aggcacgatt	tgtatgccat	ttggaggang	gagtccgttc	aagagaatgg	360
attccctgac	aagctacgtt	tgccagaata	ttccaagaca	tgtttttagaa	gctacctatg	420
gcattaacat	cataacgcct	agagaggatg	aagatcccca	ccgacctcca	acatcngang	480
aactgttgac	agcttatgga	tacatgcgag	gattcatgac	agcgcagtgga	cagccagacc	540
agcctcgatc	tgcgcgctac	atcctgaagg	actatgtcag	tggtaaagctg	ctgtactgcc	600
atcctnctnc	tggaagagat	cctgtncctt	tcagcatcaa	caccagcgac	tcctagagan	660
cnaaatgaac	agtgatgaaa	taaaaatgca	gctaggcaga	aataaaaa		708

<210> 2595

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2595

ggttnttagc	ngctcttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ttagggtcag	atccatgtat	ttgtagcttg	gaggtgagcc	caggggttca	tacacaactt	120
tgctccctac	tgtctgtgat	ccctctgcca	ctttctgggt	ccttgagagct	ccctttcatg	180
atcctcctgt	cagaatacca	gggctttaat	ttgcccactc	tctgccatgc	acttctcatg	240
actgcatctg	catccagggc	caagcggtag	gaggacagag	ggagcctaaa	taaacaatag	300
gatttgtttc	acagtcttga	agctacagct	tctctgggtca	gagaaaagaa	ttcaaagccc	360
tcagagtttt	aggtacctgc	tcaaatctta	cctctgttgc	ctaagggttag	agagaacaaa	420
ataagaaaga	aaaaaaaaagc	aggagatttc	ccttattttc	tctgaacttt	tggcattcct	480
ttttctgttc	tttggaccag	aaaatgagtt	gaagttcctc	tggtcacacc	tggtgtttac	540
tttcatgttt	caagctgctc	ttaagtctag	accaggtaat	atctgagggg	gaaaaaatgg	600
gacactcact	actggcttgg	tggtagttta	aaccctggct	ctttcccggt	gtgctcatta	660
tcatttactt	tcagagtttc	cagaaagctg	ctccatgcat	tctatctaga		710

<210> 2596

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2596

tgttntcta	at	gcnaggctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcttagaa	aattaacctt	tttctattag	gctgggtgcaa	aagtaattgc	ggtttttttg		120
ncnttaaaag	taatggcata	aaccattact	tctattaata	aaaccctcaa	ttntcatttt		180
catagccttt	cagaatggga	gtaagctttg	caatcaacct	gtccttcat	cttatctgta		240
cacttgataa	atctgattca	gtggttgga	cggaatctgc	ttttcctgta	ttggttacaa		300
gcaagcactt	tgcttggtg	agtgtagctg	cagtatagca	tagaattaag	actacagttt		360
catagtcagc	gcagcttgaa	atgntggctc	tatcatttac	tagctgtgtg	atcttgacaa		420
aaatcctnaa	cttctctgcg	cctgtttcct	cacttaaattg	gnantnecat	tggtatctac		480
ctcatggagt	ngntatgaag	attaaataac	ntgcatagna	acntgcanaa	gctncnnacn		540
nnnnnatatn	ancctnanac	canctctnnc	ncctnccctn	ctnetnanct	aannaanacc		600
nnnnggtgng	gngnaaattt	cttctanaaa	gaaaaatntc	cttgaaancn	ttttnaaann		660
nnactaantt	tnctcantna	atctngtnna	tnncanggnn	naacctaaaa	tccanncnnn		720
nnganacntn	cccnntntat	tnatatantn	gncntannag	ggcanntanc	ctncn		775

<210> 2597

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2597

gnttttanat	acagctactt	gttttntg	caggatccca	tcgattcgcc	cccccggg	60
gccacctggg	cccccggtt	ccgtggcac	tctcgccacc	accgcgtggg	tctgacaaga	120
tgtaccaggt	cccactacca	ctggatcggg	atgggacct	ggtacggctc	cgcttcacca	180
tggtgccct	ggtcacggtc	tgctgtccac	ttgtcgctt	cctcttctgc	atcctctggt	240
ccctgctctt	ccacttcaag	gagacaacgg	ccacacactg	tggggtgccc	aattacctgc	300
cctcgggtgag	ctcagccatc	ggcggggagg	tgccccagcg	ctacgtgtgg	cgtttctgca	360
tcggcctgca	ctcggcgctt	cgcttcttgg	tggccttcgc	ctactggaac	cactacctca	420
gctgcacctn	cccgtgttcc	tgctatcgcc	cgctctgccc	cctcaacttc	ggcctcaatg	480
tcgtggagaa	cctcgcgttg	ctagtgtctca	cttatgtctc	ctcctccgag	gacttcacca	540
tccacgaaaa	tgttttcatt	gngttcattg	cctcatccct	cgggcacatg	ctcctcacct	600
gcattctctg	gcggttgacc	aagaagcaca	cagtaagtca	ngaggatcgc	aagtcctaca	660
gctggaaaca	gcggnctctt	atcatcaact	tcctctnctt	cttcttngng		710

<210> 2598

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2598

gttcaatgct	nggctcttgt	tctttntgca	ggatccctcg	attcgtttgg	tcagttgcac	60
cttctgggtc	actggtagcc	gcgggagccg	ggtggggcct	aggcgatgat	ccggcattaa	120
ggagctggga	tcctcctccg	tctcaggtgg	tttggggaaa	gtgtaggggc	aaccaaagat	180
catcggtctg	actaggccct	ttgccctgaa	cctcatgaag	aaatgatagg	aggcagacat	240
atgtgcctaa	aaagagcggt	gagctcagag	aagagcaact	cggagttttg	ggggtgtgct	300
ttgatttgtg	tacatcaatg	gcagaatcat	ccagcgaatc	agatcacttn	cgctgtcgtg	360
accgattgag	tccatgggct	gccagatcaa	cgcacagggg	aactcgaagt	cttcctacag	420
tagaagttac	cgagaaggtc	aacactataa	caagtacttt	acaggatacc	agtcggaacc	480
tgcgacaagt	ggaccagatg	cttggacgat	accgagaata	cagtaatgga	caggcgggtg	540
cgatagaaca	tgtgagaaac	tacatttgtt	tgcattttct	cctaccacc	ttttttgggg	600
aatgaantgt	tttggggaat	ggggcttgtg	aactaaaagg	aaaaaaacca	ttggtgaaag	660
tgctttttaga	attttaaaac	tgnatttaat	tattttatan	gtttnaaagt	ttaaggttag	720
ct						722

<210> 2599

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 2599

agtgtctcta	ntnnattgct	acttgttctt	tttgcaggat	cccatcgatt	gcgaattcgg	60
cacgaggttg	atctctcatc	agtgtttgac	agttaatcac	tttttctctc	ttgaaatacc	120
gggggntgag	gcttncaaga	caccacacac	aactggttta	cctctctctg	nctctctctt	180
ttttgtttcc	tttgtgact	ctttctcagc	atttcngcta	gggttnagtc	catggcattt	240
cttnacattn	ntggctacct	ttctccctta	angtacntnt	ctagacttcn	aantccatnn	300
attcctagtt	tnaagatntc	cctttancaa	cttaattnca	tnnanntttt	nanacacagt	360
ccttgaanat	tnccnanagc	caaaacacgg	antcgtacnt	gaacccctnn	nnntctcat	420
atcacatata	cggtntgtca	tcanntcatg	atatncttcn	cnctttnttn	nanantnttn	480

ccnntntctt atnaattcnt ttanctn ttcctnccnc aatccaaang amtannt	540
gcttnnatta aactatatnt anngntt ttnttcnntc tcngnganan aaatnttn	600
naaancccg nnncttaaat ncaattntnt gncctttct nnnaaatgnc nanngncnt	660
taatcatcca actnggtngg ntccaggggn ncanatggct ntaccaatcc ttgcnaanc	720
cntcacgnnc ttttggcnn nnggcnttn tantnccgcc nanatctacc ctcgtnnngg	780
aangccantt nc	792

<210> 2600  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

<400> 2600	
ggcngntnta tgnagctctt gttcttttgc aggatccctc gattcgcaaa gccactttga	60
attctggaaa gttgacctga tggagaagaa ccaggaaaac caagaccagc atttgaggaa	120
agctggtttt gtcaacaaca aaatactgat ggaagacaga aatagtgttt taggagaaac	180
atttaataata aattcaaacc ttgttccaat gagaaaaata cctgataaat atgacttatg	240
tataatgaac gtgaattata tttcagaatt aattgttagt aatagaaact cctttggaag	300
gaagcttgat gagctcagtg cacatgcgaa attgtcctt catatgacat gagcatcctt	360
atgccagaga gaaacathtt gagtgtgata gaaatgagaa agccatctgt tagaatgagg	420
acttatttca gcatcaggat attcaaactc tgaagcaaat ttttgaatac cttgagtgtg	480
ggaaaacttt tcatgaggag gcagccttca gtaccataa gagagtgtgc ttcttgggag	540
aaaccttggt aatataatga acaacttaag agccttttct gacaatnaa accttcttgg	600
tcatcagagt actcacagaa gggaaaatca ctacgagttt aattgctggt gggangaagt	660
ctgtngtgag aaatctntaa ttaacaccat ggaggaatca tggggaaaaa ta	712

<210> 2601  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2601	
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acggagtctt cttttctgaa tctgcaaaaa agggactca ctttgtccag ttatgctgcc	120
aaagaaatat tcctctgctg ttcttcaaa acattactgg atttatggtt ggtagagagt	180
atgaagctga aggaattgcc aaggatggtg ccaagatggt ggccgctgtg gcctgtgccc	240
aagtgcctaa gataaccctc atcattgggg gctcctatgg agccggaaac tatgggatgt	300
gtggcagagc gtatagccca agatttctct acatttggcc aaatgctcgt atctcagtga	360
tgggaggaga gcaggcagcc aatgtgttgg ccacgataac aaaggaccaa agagcccggg	420
aaggaaagca gttctccagt gctgatgaag cggctttaa agagcccatc attaagaagt	480
ttgaagagga aggaaaccct tactattcca gcgcaagggt atgggatgat gggatcattg	540
atccagcaga caccagactg gtcttgggtc tcagntttag tgcagnctc aacgcaccan	600
taganaaaga ctgactttcg gnatcttcag gatgtaactg ggaataaaag gatgttttct	660
gttggacatg tactggaaaa ttaacacatg tngtagcctt aaaaatttta gacttnttct	720
aacatgangn ttg	733

<210> 2602

<211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 2602  
 nngngnnnttt tagatcagct cttgttcttt ttgcaggatc ccatcgattc gaattcgtca 60  
 cgagaactcc tactgttgaa tacatctgca cccaacagaa tattttgttc atgttattga 120  
 aagggatatga atctccagaa atagctctaa attgtggaat aatgttaaga gaatgcatca 180  
 gacatgaacc acttgcaaaa atcattttgt ggtcggaaca gttttatgat ttcttcagat 240  
 atgtcgaaat gtcaacattt gacatagctt cagatgcatt tgccacattc aaggatttac 300  
 ttacaagaca taaattgctc agtgcagaat ttttggaaca gcattatgat agatttttca 360  
 gtgaatatga gaagttactt cattcagaaa attatgtgac aaaaagacag tcaçtgaagc 420  
 ttctcggtaga actactacta gatagacaca acttcacaat tatgacaaaa tacatcagta 480  
 aacctgagaa cctcaaatta atgatgaacc tgctgcgaga caaaagtcgc aacatccagt 540  
 ttgaggcctt tcacgttttt aagggtgttg tagccaatcc taacaagacg cagcccattcc 600  
 tagacatcct cctcaagaac caggccaaac tcatagagtt cctcagcaag tttcagaacg 660  
 acaggacgga ggatgagcag ttttaaccgac gagaagacct atttagttaa acagatcagg 720  
 gn 722

<210> 2603  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 2603  
 gngggggtttc taatagnnng ctacttggtc tttntgcagg atcccatcga ttcgaattcg 60  
 gcacgagAAC cagagctggg cccaggccag gaaacaggca ccaattcccg aggaaggctg 120  
 cctagcccca ttgggggtggg gtcagagatg tgcagggagg aagggggaga gggcacgcca 180  
 gtgaagcagg acttatctgc tccccctggc tacaccctca ctgagaacgt ggcccgatc 240  
 ctcaacaaga agctgctgga acatgcctta aaggaggaga ggaggcaggc tgcccacggg 300  
 cccccgggtc tccacagtga cagccactcg ctgggggaca cagccgagcc agggcccatg 360  
 gaggaactac cttgttctgc actagctcca tccctagagc cctgcttctt caggcccag 420  
 agaccagcaa acccgtcgcc cttcgtcccg ttggggccca cattccccca ctgcttacag 480  
 gcttagtcac cccggagacc cgacgtncct gganganat ggtggcnaag agcccgcgcc 540  
 aggagcancc acaccgagat gcaaacttgc attggattat cacaagtnta aattcacttg 600  
 gaattttgca ttaacccccn cccnttacc ttgnaacaaa aatttttgnc caacagggag 660  
 gaanatctta ntttttttca anggncaaaa naaatgtttt tttnaaaaac cccaaaanct 720  
 tgnttnaat gttnaaacct tgggaaaact tgggaatttt t 761

<210> 2604  
 <211> 799  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(799)

<223> n = A,T,C or G

<400> 2604

ggggnttttt	naccacgctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagaacggtg	tctggtggag	aagagctgag	cttccctggc	cccttctgaa	atggggtcag	120
gaaggggatc	angaggggna	ttntncatgg	tggtcctgcn	natangtatt	tctttnnctc	180
nctnatctct	ctnagtcatn	nctcagtcaa	ccacatatat	taagacctat	gcacagaaca	240
attctattcc	tataaaattc	tataaaatgc	anactanncc	ataatgacaa	aaanaatatt	300
actggtttcc	tagggatggn	atgtngcaa	agagagacga	cagatgnang	nattaccaat	360
gagcacagn	ganacttntg	natgcangga	tatgctcatt	gtccttgact	gctgatgggt	420
tnacnaggtg	ggcccaaaac	tatntcaaac	ttttcacttc	atctatatga	ccanctgtca	480
tatgccaaatt	atacctcaat	taatcctgat	taaanncatt	tanngntatc	tctactngta	540
aantttaaaa	ccncttttta	cnttaccncn	cctgtantca	ntcatgtngc	cnttcctnaa	600
aaacttccca	anngtatttc	tancnataaa	nnaggctttc	tnnntaacn	anttnnacct	660
tccnttngnn	natnctnnnn	naccttattn	cttaattctt	ctgaaanaat	tcaacntant	720
attataccta	tttnaaancc	ttctnccaac	ttctttantn	nnngcacctt	tcttctcntt	780
ataatcccan	cnanncneg					799

<210> 2605

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2605

gggggtntct	aatgcnggct	acttggtctt	tttgcaggat	cccatcgatt	cgccgtcttc	60
gccaaaggccc	cgcccgagcc	tagttgttct	ccccctgaat	gtgtagaacc	ttcctttgaa	120
atttcttaat	cgggtgcattg	aggtttccac	atctttttcc	aagcagtgcc	ccacttcatg	180
gattttatagc	tatagtctat	gcagtcgtta	cctctttttt	tttttttaag	aaaattgaag	240
attgggggtg	tggaggcagt	aggagatgg	gattgggcac	ctccccctg	ctggggcctg	300
gattttttgta	aataaaattc	ccaagcgttt	ctttccacct	ggaggggaaag	ggggggacgc	360
ccccagtgag	attcaaatac	cgcattctct	ctcctctgcg	tgagtgcgtg	tgtacatgtg	420
cactccccac	cctgctccct	tcccagaggg	attgctgtga	aatttttttg	gtggcaaata	480
aagataaatt	tcattctggt	caaaaaaaaa	anaaaaaaaa	actcgagcct	ctagaactat	540
agtgagtcgg	tattacgtag	atccagacat	gataagatca	ttgatgaagt	ttggacaaac	600
cacaactaga	atgcagtgaa	aaaaatgctt	tatttgngaa	aattggggat	gctattgctt	660
taatttgnaa	cccttntnag	ctggaattaa	ccaagttanc	accaaccaat	tgcnttcatt	720
tttatgggtt						729

<210> 2606

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 2606

nnnagnggng	gnnantnnnn	nnnttttgna	aagncgttgc	tacttggtct	ttatgcagga	60
tcccatcgat	tcgaattcgg	cacgaggggtg	aacaaaaatg	gccagattc	ttattcagaa	120
accaattcac	attttaaaaa	tatatactgt	acactacccc	atcctcttcc	taatagctaa	180

agtgatctac	cctaaaacac	caagtc	ttcttacagt	ttgttcctc	ctagttc	240
attgattaca	atgtgaaagc	acctctga	gctaaaatga	aatgagaagc	ctggtttc	300
aggcaccaag	tactttaaaa	atgtctactg	gctgtcctgc	agcattttac	ttaatcattt	360
tttagaggag	ggatgaggac	tggttgggta	aaggaaatca	tcaaattggag	ccttaaataa	420
ctgattacaa	aagctttttg	taaaatcaca	caaataattc	aagaataaat	gcattccaga	480
gatacaaatc	aggccaaaag	aaacaaaaat	caatgaaatt	ggcattacac	ttgtaaaagg	540
ccaaatggac	acaagccctc	gagcctctag	aactatagtg	agtcgtatta	cgtagatcca	600
gacatgataa	gatacattga	tgagtttgga	caaaccacaa	ctagaatgca	gtggaaaaaa	660
atgctttatt	tgtgaaattg	tgatgctatt	gctttatttg	gaccattata	agctgcaata	720
aacaaggtta	acaacaccaa	tggttcatt	tatgtttcag	gnt		763

<210> 2607

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2607

agggggnnnnn	ntttntnagg	gcagntttnt	nnatacangc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	tttgtgcaaa	tacctgaaa	actttgaaac	120
ttgaccccg	acaggcctgg	tgccaggctc	tttccgactt	ttgtgttttc	tttccacctt	180
tcactactga	ctttgcctct	ttcctaccag	gaatggacag	ggccgatgga	ggtgaagcgg	240
acagcagctg	cactgcctg	tagagattcc	caggccctgc	ccacttcaaa	gcacacaagc	300
ccacctcttc	ctcatcacat	ttccctttgc	aaccaggga	ggcactcacc	aggatgctgc	360
caagaaggaa	acattttatt	aacatgtttc	tttgtttccg	atgcacttaa	aacacttggg	420
cctcttgacc	aagtctagtt	ttaggacttc	aaaggggctg	tgaaagccac	attttgatga	480
ctttggtgta	aaatgagtag	ggcatatcgg	gatttaattt	cccttgaaag	ttgcacagac	540
ttaaaaatta	gcagaatagg	ctagcagaat	angccggatg	ccgtggctca	tatctgtaat	600
ccagcacttt	gggancgga	ggcangcgga	tcacctaaag	caacagttnc	anaccaagcc	660
tggccaacat	ggtgaaaccc	cctcttacta	aagatngaaa	aaattaanct	gggccgttgt	720
ggtgcaacct	gtaatcttac					740

<210> 2608

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2608

gcggnnnntc	ttcanatgnc	ngctcttggt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgagtt	cattttttaa	aagcttctcc	ttattatggt	gttgtttaac	aacttaaacg	120
ctatctctag	accaggaata	attatttgct	atatattaca	gcaaaaaata	tgtatgtata	180
aatggactca	ttcaaaatat	ataaagaact	cctattacaa	agaaattgac	aaacagccca	240
gtatatcaat	gaatataaaa	atttgagaag	atattttcca	taagaagata	tctaaatgaa	300
cattagggcat	gagaaaacca	aatttttagga	tatcactaca	cacctggcat	agttttaaag	360
actgaaaata	ttaagtgtgt	gggaatgtag	agcaactgga	aatggcctac	atctttcata	420
gaaatgtaaa	acaatacaaa	tactttgcaa	aactctgtcc	aacattttct	acccattcac	480
caagcaactc	catccctagc	tatagatacc	caggaaaata	agtatgtatc	ttcacagaaa	540
taattgnatg	agaatattca	tagttcttat	gcacagtagt	tatcaagtaa	acctgtctnc	600

catcagaaaa	atggatatca	aa	gtga	taatcatnca	atcaatagga	ta	cttgg	660
ccaaacccaaa	tgaacaagg	ga	ccaca	tcaaccaa	at	tagtggcntn	tt	718

<210> 2609  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 2609								
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cacgagcaaa	gtactgggat	tacaggcatg	agtcactgag	cccagcctaa	taaagaactt			120
tctgacagtg	aaaatggtct	gtgcatggtg	tgggtggggt	gagggtgagg	ccgggcgtgg			180
atggagcagc	agggaggttg	tagacaatgt	ccagacatca	gagagagggc	tgggctctga			240
tcctgtgcca	ccctgaaagg	ctttgatcct	atggttttgt	cagaaacaga	gcctgtaaaa			300
cccatgtatg	cagctgttgc	taagggcaac	cacaagatgc	tcaaaggacc	ttaaagatgt			360
agatgcagtt	agttacctga	agaagtga	gtagaagtga	agtcctttct	aaaagaaaaa			420
ccacagacac	aatggcaatc	tggggagaaa	gagagcctgg	gattgggaga	agatatccag			480
gcatttagct	ctctcttccc	cccatattta	gtgtgacata	tttattgtga	ctttataaat			540
tcttttttta	attttaattt	ttattttaat	gtttgtgggt	atgcagtagg	tgtatatatt			600
tatgggacac	atgagatatt	ttggtacagc	aggtgtttat	cttgaccgac	gtcttgnctc			660
tactgcctgt	cccgncttta	acatccttct	ctttctactc	cccttaccct	gtntt			715

<210> 2610  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 2610								
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ggcagcagat	ttaaatagtc	tgtctttaag	agtagctctg	agattttttt	ctggtaaatac			120
actatttaac	ctctctgatt	tgttttagtt	ttctcatcta	taaaattgaa	atgataaaat			180
gaaggttaaa	ttagaaaatg	tagaaaatgc	ctagaacaga	gtcttgcata	tggttggtac			240
taaagtgttt	tgttcccat	ggatagtatc	ttctcttaaa	gatcctttga	aagggtctta			300
aagtgaacct	tgtaggatgg	taatttttgt	tcattttaat	tttttttagta	agttttgatt			360
gagatcttga	atttcattta	gaaaatttct	gctaagcaag	aagcagtgga	aaaattacag			420
gaaaagctgt	ctagacttga	ctacatagaa	attataaatg	tttgcatatc	acattgtcaa			480
aaaacaaaat	taaaagatat	tgacatgaaa	atatttgtat	gtgggcagaa	aaaagttaa			540
tattcttaat	attaatgagc	tcttagaaat	cttaaaaata	attaaacatt	tgatagaata			600
atgaacaaag	gacatgaata	ggtggttcat	aaaagaaata	taaatagcta	ataagcatat			660
gaaaatggtg	tttagcctag	gataatcaaa	gaaactcaaa	tccatctttt	ggttggcaaa			720
ttg								723

<210> 2611  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(815)  
 <223> n = A,T,C or G

<400> 2611  
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 gancncagnc cnnaatnctn ttttcegcnc ctgggtncnt cacttctctng cggaanagac 120  
 agnnattttc nnggntncat tcntatgaaa ncanggnntg gnntgaaaat gtcttnccag 180  
 ntncaacagg cnatnaacac atgcctaaaa gatcntgtaa ggggtttcag nacacgacga 240  
 gtctctctagc gctttgtgtt cacaccttta ctccatgata cgtggaaacc ggccaacaca 300  
 gacgagcctt ncttattnct nntactcagc ctctttgatg acacancaga ancagacgtg 360  
 actatgctct cgtatatatg cagacaatct angcctgttt tncataccag acncaggaag 420  
 aagcccgttg ttataatgca tcatatatac attacactct nnagtttctt ggnagtcacc 480  
 tactgcagtc atttcaaggg agnctnatgg gttaaaggunc ataaaggaaa ngangaggaa 540  
 aantantcnc ctantannng gaaaattgag tcnangctga caggtggnat angaaaantt 600  
 ttncnaggcc tttgggaang tcaccgggaa aaccgtgggt ngatttncag aatttccana 660  
 atttccggaa tttcangaat gaaccgattt ttaaaattcc agtngnttgn aaaatggttt 720  
 ttgncnngga aaaaatttan ntcccnttt taaatccgna atttttcaaa antgntnttn 780  
 cccaaggggn cattttnaaa taacnttnc tcaan 815

<210> 2612  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 2612  
 gngggnnnnn nnttttnnan ngcgtntata gcnggctctt gttctttttg caggatccca 60  
 tcgattcgaa ttccggcacga ggccagcttg acctggttgt gggcccgttg ggcgagaatg 120  
 aagctncact gtgaggtgga ggtgatcagc cggcacttgc ccgccttggg gcttaggaac 180  
 cggggcaagg gcgtccgagc cgtgttgagc ctctgtcagc agacttccag gagtcagccg 240  
 ccggtccgag ccttctgtgt catctccacc ctgaaggaca agcgcgggac ccgctatgag 300  
 gtgcgtgaag tgggcaggcc ctgtcagttc cgcgttcttc ttggaagccg agacgcgggc 360  
 caccctcggt cctcatgtc ccggctgtc cctaggcgaa agcccgcctt gggggttcct 420  
 gaactccag ccttgagacc taccatcagc ccgaccccan ggtcctgtgc gtcttcttac 480  
 ggacccgaaa gaagaaagct ttgagagtgt accttttcgc tatttttctt cccactttta 540  
 cgactttgaa tttacagtgt tgctatttag tagtggtatg caatcccgc tgtttcaagt 600  
 ttctgaaatt ttgcgtgaaa caagcgcaaa tgaagcaact tgtccagttg ggggaacagta 660  
 aaataactgc agttcttggt caatgaaaaa aaaaaaaaaa aaactcgagc ctntagaact 720  
 atagtgagtc gtattacgta na 742

<210> 2613  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 2613

ggngcgtcta	tgttgctctn	gttttgc	aggatcccat	cgattcgctg	gaaggtcc	60
aggccagagc	ctcctctgca	gagtggtac	taggtgcca	tgcacagggt	gagggccagc	120
ctcgtggagt	gggggcagt	gtgtccctgc	gggcgggctt	ggtcttctga	ggccatgtca	180
gtgccacccc	agggccgccc	tccatggcag	tgtggggcca	acaagcctgt	cttcccattt	240
ttctgagaga	ggctggaaat	cctgttcttt	ttatatataa	agtgtttcct	tttcaaaata	300
ttggcaacta	agtaaatcca	aacaaagtat	gggccaaatc	atggcacact	cctgccccac	360
aggtggccct	ccagctaaga	gtcatgttta	caattttaga	ggtttggtgg	gctccagtgg	420
gaccacgct	gggggtggag	tggctgtggg	tgaaccgtgt	ctccactccc	acacctcgcc	480
actgagaaga	cagagcacgg	gatcgtgaca	gccgagctcc	accgccttca	ctagtcaactg	540
tggcctgcag	gggctgncag	cctctgattc	aagagccagt	gggccgccga	ggacacactn	600
ccttccttcc	ctgcctgggg	tcctgtgcnt	ttgagctgaa	actgttctng	gccttttctg	660
aaaaggatng	tagaacgcn	gantggcatt	ttantggtga	atgggccttt	gcaggaacac	720
t						721

<210> 2614

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2614

ggngttttat	agcngctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
cctaggcttt	accctcaata	ctgcttctgg	cnngnccaan	cngtctntnt	ccngtggctc	120
tngtggatgt	gactngtcct	cttctccaag	gcagtattac	tcataaattc	ttcttttagcg	180
gtactgatct	atctgtgtca	tcgctcagtc	aaccacatat	attaagacct	aggcacagaa	240
caattctatt	tctataaaaat	tctagaaaaat	gcaaactaaa	ccataatgac	aaaaagaata	300
ttagtgggtt	tcctagggat	gggatgtggg	caaagagaga	cgaaagaagg	agggattacc	360
aaggagcaca	gggaaagttc	gggatggagg	gatatgctca	ttgtcttgac	tgggtgatgg	420
tttacagggtg	ggccaaaacta	atcaaacttt	acacttcatc	tatatgacca	gctatcatat	480
gtcaattata	cctcaataaaa	gctgttttaa	aacattttaag	ggtatatcta	ctggaaagta	540
aaactgcttt	taattacnag	actgnatcat	catgtgcata	gaaaaaatcc	aaanggattc	600
ttccaaaaaa	agctactaag	aaccactggc	cttcacgcag	atgccaggtn	caaaggttta	660
atattggaaa	atcaactatt	atttcctatt	tcaaaagcca	accanaanaa	naaannmann	720
nnnnnnnnnn	nnnnnnnnnn	n				741

<210> 2615

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2615

gn ttggnnnn	nn ttttttnn	ancgcntttt	tatanataca	ngctacttgt	tctttttgca	60
ggatcccac	gattcgaatt	cggcacgagg	gggccccac	gcaaactcaa	attccctgag	120
cctcaagagg	tgggtgaaga	gttgaagaag	tacctgtcgt	aggagattt	gggtagaagc	180
cctcatgctg	agcttttgtt	ccctgggtgat	gttggaaacat	taatgatgga	acatggccaa	240
acttcagtca	tgatcctgaa	accatggctt	caggatcatg	actgaagtca	tggtttcttc	300
cctgccagaa	atgaaggttc	agttatgagg	caaccctcta	gtaaggcatt	gtaaaaagtta	360
ctggattttg	tttaataaaa	gttgaaataa	agtanaaaaa	aaaaaaaaaa	aaaactcgag	420

cctctagaac	tatagtgagt	cgacgt	agatccagac	atgataagat	acgatga	480
gtttggacaa	accacaacta	gaacagtg	aaaaaatgc	tttatttggtg	aaattgtga	540
tgctattgct	ttatttgtaa	ccattataaa	gctgcaataa	acaagttaac	aacacaattg	600
cattcatttt	atgtttcaag	gttcaagggg	gangtgtggg	anggtttttn	aattcgccgg	660
gcncngcngc	caatgccntt	gggccccggn	ncccagcttt	tggttccttt	aatgangggg	720
taaatgcccc	cttnggcgta	atcatgggna	ata			753

<210> 2616  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 2616						
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cggcacgagg	gtaagtaacc	tgtgcagagc	acagaactag	gattcagacc	tacagaccca	120
caagtcagcc	tctaaggccc	acttataact	gctcttctgc	ttgcaaggcc	ctatggatga	180
aatccagtta	taacctcctt	ttgctataac	tagacacaga	gggaggcggt	tctcccta	240
ctgtatttat	ccagacaagc	tgtccagcaa	gatttctgag	tgaggggctt	taaggaagca	300
atctgcgggt	gtgtagcctt	ttctccctca	gcaaatacag	aaggagctta	tagccccggc	360
tcaccctgct	tcagaacaag	ggccaacatc	tgtccatacc	cctgttatag	tgagatggga	420
aaccttgtag	atgttggcac	tgtgtggctc	ttttctttta	tatactgggc	tttagggta	480
atcccattta	accaaagggt	tcaatagcta	taaaaggcg	ttgaaattgt	atggttattt	540
gagttatagc	tcagtaaagg	cattaaatct	tcagcctaga	tgaccctatt	ccttccact	600
ctaaccagct	gtgactncag	atggagacat	tgncctgcat	cctctacgtn	cccatnccca	660
catnccancc	agaaacaaat	gtgtgaagtt	tcataccaac	aagaatgggg	gggtaggaat	720
ca						722

<210> 2617  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 2617						
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tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagaggga	gactggggag	aagggaagaa	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gccagtaaa	ctgcgggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgtcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggctgcttt	agctgtggat	gcccttgatt	aaggagagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggctgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtc	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgccca	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gagggtaggg	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnntttt	tt				742

<210> 2618  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 2618  
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 attcgaattc ggcacgagga gaactccaaa tagcccaaga ggggtggtgca cccccaactt 120  
 cataggggta gaggtcctcg agattaggag aacccttttt aggcctttact ctatgtacct 180  
 cttcatttga gtgttcattt gcgtccttta taaccagtaa aacaaagtac gctgttttct 240  
 tgagttttgt gagccctgta gcaaattatc aaacctgagt agggcagtgg gaactcggaa 300  
 tttatcacca ttcagaactg cagggttgcc ttgtgagtgg catctgatgt gggggaagtc 360  
 ttggactgag ccccttaact tgtggagtct gcactaattt agactgcact aactaacttg 420  
 cactgcacta acttggactg cactaacttg tggagtctgc actaacttg agaagttagt 480  
 gtcagaattg aattatagaa caccagttg ttcagaattg aattgtagaa caccgaattg 540  
 gtgtgggaga attagagaat ttatttgtgt cagaaaatac tccagaacaa ccaccccata 600  
 ttatgattag ctcttttccct ttctttggct ctgagcttaa ttgtacatta agcaaactta 660  
 agtagaaaag aaactgaata tgttaaatat attaacaaca tatttggact tgcttaactt 720  
 aagattatng agatgatcag ttataaaacc ccc 753

<210> 2619  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 2619  
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 attcgaattc ggcacgagat gcagtgtaac tggcaggagg ggagtgagaa ctacttgggt 120  
 agatgatcag gagatactct gcaagaggaa acatacagaa ggagcctgac atgagaaaac 180  
 tggggcagca gttttccagg aagagggacc agcacaggtc caagttgaaa ctcagaatgg 240  
 aatttttagga aattatattc ttcatgatgg ttagatcctg tgggctatca tcaactgcagt 300  
 tcaacaatgt ggtgcctagt aggaagagtt ctcccaggaa ccctccacgt gtgctatggg 360  
 atttctgaga aaaccagttc tgagttctag gcagtggact cacagttgaa cttggaggga 420  
 accaagaatt gcttccatca tagccttact aagaaatgac catggcatgg cctgagtgtt 480  
 tcggcatgga ngaccagaan gggaagccct aatttgccag ttgcagactc ttgagccttg 540  
 tgactctaata gacgacnaaa attaggagat tttctaggac tcacgtttgc gattttgaga 600  
 gtagtgctgc tggggttcct gggttgggtt ctattgattg ttccattggg tctgtgtgca 660  
 agttaccctt ttctaagctt aattttaatt aatattatat taagttaggt aattagatta 720  
 tatgaaccct aangcttctt tttattctta accctta 757

<210> 2620  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2620

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gattcgaatt	cggcacgagg	ctctgtgaca	ccctttttgt	gatcttcagt	gctgttttta	120
tggttacacg	actaggaatc	tatccattct	ggattctgaa	cacgaccctc	tttgagagtt	180
gggagataat	cgggccttat	gcttcatggt	ggctcctcaa	tggcctgctg	ctgaccctac	240
agcttctgca	tgtcatctgg	tcctacctaa	ttgcacggat	tgctttgaaa	gccttgatca	300
ggggaaagg	atcgaaggat	gategcagtg	atgtggagag	cagctcagag	gaagaagatg	360
tgaccacctg	cacaaaaagt	ccctgtgaca	gtagctccag	caatggtgcc	aatcgggtga	420
atggtcacat	gggaggcagc	tactgggctg	aagagtaagg	tggttgctat	agggacttca	480
gcacacatgg	acttgttang	ccactggcaa	catactcctc	ttggcccttc	ccatatctac	540
tcttctgtga	ttgggagact	gcaaggcact	gangagtatc	aaagaagcaa	atattttcac	600
tttgaaagaa	aactgccatt	ttgtatttaa	aaaaaaaaaa	aaaaaaaaac	tcgagcctnt	660
aaactatagt	gagtcgatta	cgtagatcca	gacatgataa	gatncattga	tgagtttgac	720
aaaccacact	agaatgcatg	gaaaaaatgc				750

<210> 2621

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 2621

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atcccatoga	ttcgaattcg	gcacgagggg	actacagctg	tgtaccacca	caccggcctc	120
tcttggttn	ttaaccactt	acattanaat	tgagaggana	aaggcagttg	acaggggntg	180
tanthaatna	ctngaacnca	ttcanngagg	antttntnc	ntggccntna	tnagtncnnc	240
tattcatcna	ntntaatgnt	gancnntacn	nttgntncaa	agccntnnc	atcntaaacg	300
ncatncttan	atangtatnn	tctactgcn	gcatngagca	gntcatnaca	tcagatacag	360
attctcagca	tggaaaacaa	agctnggata	ctgtgtcant	gctgctctgt	ggcaaagaac	420
acctnccctt	ntaagnnaca	gcctcactct	actagaatan	gtcngagcgc	gcccattcat	480
ggctgattgc	aacttccact	ggctgggata	cagatctaga	atntgtgttc	agatgcctta	540
cntaggaata	catnctaaca	cattcttaac	aggtttcaag	gggagatant	tngcgatagn	600
acgtagttta	tgcttnagtt	atatgtgtct	gcatctgntt	ttganggtaa	acggcttaac	660
ccnttantta	gggtngttta	nagaattgat	gngtaaataa	cnttgatgna	aaagtttcan	720
atggacnttt	nnantttgcc	ttnaanngtg	gatatnggtc	tattgcccan	ngggntaatn	780
nngaaatanc	g					791

<210> 2622

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2622

ngnggggntn	nnnnnnnnntt	ttcnaatgct	agctcttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagga	aaaaggaaag	atggatatgg	aagaaattat	tcagagaatt	120

gaaaacgttg	tcctagatgc	aa	tcagct	agagatgtaa	aacagatgct	ct	agctt	180
gtagaactcc	ggtcaagtaa	ctg	gcaga	gtccatgcaa	cttcaacata	tag	gaagca	240
acaccagaaa	atgatcctaa	ctactttatg	aatgaaccaa	cattttatac	atctgatgg			300
gttcctttca	ctgcagctga	tccagattac	caagagaaat	accaagaatt	acttgaaaga			360
gaggactttt	ttccagatta	tgaagaaaat	ggaacagatt	tatccggggc	tggtgatcca			420
tacttggatg	atattgatga	tgagatggac	ccanagatag	aagaagctta	tgaaaagttt			480
tgtttggaa	cagagcgtaa	gcgaaaacag	taaagttaaa	tttcagcata	tcagttttat			540
aaagcagttt	angtatggtg	athtagcaga	acacaagaag	agcaagaaaa	tgtgtcacat			600
ctataccaaa	ttgaggatgt	tgagttatgg	tactaatgta	tgcaacttta	attttgttta			660
acactatctg	ncaaaattaa	actttattcc	ctataacttt	aaaatgngta	tatatatatt			720
aatagtttat	ttatgtacag	gttnaattct	actgggtttt	ggcng				765

<210> 2623

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2623

ntnggnnnnn	ntttnnnngt	nggttttttag	atcagctctt	gttctttntg	caggatccca	60
tcgattcgaa	ttcggcacga	ggattcattt	ttgtactagt	taatatcaac	tctttctcag	120
aagtagtcaa	aatataaata	aaagtctctc	aaaagtaacc	caggagcaac	agctgagcag	180
tgccagagtt	gtgaggtaaa	catcaatcat	ttcacaaatg	ttctgacttg	ttgagcagtg	240
ttcatttcca	ggtttcaaac	ttaaagtatc	tattaagcaa	tctttaaaga	aagaacaccg	300
ccttaggaaa	aaagagattt	gccaaactct	tcatacttcc	ttcaataact	gcttagcaaa	360
cactcttgag	tgtcttctat	gggcaatggt	ctgtatccat	agggatacag	agatgaatga	420
acatgaactt	ggaaaaaatt	attatacaac	acaaagtagg	aaaacggtgc	acaaagcata	480
aagaaattag	cggagggagg	gattgtttga	tggaaggtct	tagggagtag	gtgggatttg	540
aatttgggtc	ttggatgggt	aaagtaaggt	agggcagcag	ggtgggcggc	aaaaagtggg	600
aggttacagt	aagtagaatg	gtcaatagcc	tattttgact	gaagtaaggg	ttaaggcttg	660
ttgggagcct	gatgatagat	ggggatgctg	taaactcact	gggatgtttt	ncaaaagaga	720
accctttaaa	aactgcgttn	aggagcn				747

<210> 2624

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2624

ggnggnnttn	tttatntata	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagagcgagt	ctctctttgt	tgcttaggtt	tgtcttgaaa	tcctgggttc	120
aagcaatcct	ccctctcag	cctcccaaaa	tgctgggatt	acaggtgtga	gccaccacac	180
ctggcctcta	ctttcttata	tttctttaa	tagatttctt	ttcttttttg	attaagaaaa	240
aataaacaga	aaattaaaat	ttgaacatat	tataaaaatg	aaagataatt	gtaaaatctt	300
ggtttggaga	gtgtctctct	gagcccagaa	atcatccaga	aaaatggaca	gatttgactg	360
catcacattt	aaaaacttta	caatgatgaa	aaatacaagt	gaagctattc	atacaataga	420
ttaggaccaa	gtatttttaa	catgtattat	agacaaaaaa	ttaccatcca	aaatatagaa	480
ttgtacaaaa	attttaaaaa	catggttaaa	aaatgggcat	agggatataa	cccggataat	540

tcacaggang	gaaaaaaaaat	no	ggcc	caataaacca	tgaaaanggt	gg	gtaag	600
gctgggggttg	aaggtgggct	tca	tccta	ttanttttcc	aaccactttt	ggg	aaagcc	660
caagggaaaa	aagggattgn	actttgggga	tcanggcttc	gaancctttt	agaacctttt			720
ggtggagtcc	gnanttancg	tnngatcccc	gaccttggat	aaggatccca	ttgg			774

<210> 2625  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2625								
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catcgattcg	gaaaatggta	tctttcagat	ttctagaagt	tcaagtgtca	tacaacaaaa			120
caggaacccc	ctttactctt	atggacctca	tttcaatata	ctgtttacag	tttgatggaa			180
ttgtataatt	taatatttct	cttgactgtg	agtttatatt	tatttacaga	tttttttgta			240
ctgtgtgatt	tgaacttttt	gttccttgct	atgatcaatg	tttatgtagt	agagcactta			300
tgatcacaaa	ttaagttttt	tggtttgatt	gcactacatt	aaatttttta	atgcagttct			360
gatttttgac	tggaactaaa	ctgtgtctta	atgtatgtga	tgagtactta	aaattttaat			420
ccatgtggtc	cccccccttt	ttttttttgc	attgtatgnn	aaaagecgtt	ggtctttcgt			480
gcatgtgtan	tatntaatgg	taccattgn	ntagttgacc	atgacatttt	tganaaaaca			540
ttncagctgn	nangttgngt	atggngctc	actggatgct	anactttttn	aaatncnaat			600
tnntntaaat	aanannnnnt	tnngaantan	tnntntntn	nnnncnenn	nnancnntnn			660
nnccnttinn	nnttntnnnn	nngaactnnt	nncnnnttcc	ctgntttann	nntnnntnn			720
atngcnnttt	ntacnecnet	tnntcc						746

<210> 2626  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 2626								
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cggcacgagg	ctgggagtat	aggctgagtt	aggaagattg	cttgagcccg	gaaggcagaa			120
gttgacgtga	gccaagatcg	cgccactgca	ctcccaactg	gacgacaaag	cgagatactg			180
ggagtatagg	cattcgccac	cctgggcaac	atagcaagac	cctgtgtcta	caaaaaattt			240
aaaaaaaatt	agcctgtagc	cctagctatg	caggaggtgg	aggtgggaga	attgcttgaa			300
cccaggagtt	tgaggttaca	gcgagctgtg	atagcaccac	tgactccag	cctgggccac			360
agagcaagat	cgtacctctt	aaaaaaaaaa	agaaaaacac	aagcaaccaa	aaaaaaaaaa			420
nnnnnnnnnn	nnanaaaaaa	aaaaaactcg	agcctntaga	actatagtga	gtcgtattac			480
gtagatccag	acatgataag	atncattgat	gagtttggac	aaaccacact	agaatgcagt			540
gaaaaaaatg	ctttatttgt	gaaatttgng	atgctattgc	tttatttgta	accattntaa			600
gctgcaataa	acaagttaac	aacaccaatt	gcattcattt	tatgtttcag	gttcangggg			660
gaggttttgg	aaggtttttt	aattcncggg	ccgcggggcc	aatgcattgg	gcccgggtacc			720
caattttt								728

<210> 2627  
 <211> 728

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(728)  
<223> n = A,T,C or G

<400> 2627  
ggngngnnnnn nttctnaata gcnaggctac ttgttctttt tgcaggatcc catcgattcg 60  
aattcggcac gagcagaagc acaggcaagg atcaatgccc ggcttcagca gtatcgtgcc 120  
aaagcagaac tagctcgatc taccagaccc caggcctggg ttccaaggga aaaattgccc 180  
agaccactca ccagcagtgc ttcagctatt cgtaaaactta tgcggaaagc agaactcatg 240  
gggatcagta cagatatctt tccagtggac aattcagata ctagtcttag tgtggatgga 300  
aggagaaaaac ataagcaacc agctctcact gcagattttg tgaattatta ttttgagaga 360  
aatatgcgca tgattcaaatt tcaggaaaat atggctgaac aaaagaatat aaaagataaa 420  
ttagagaatg aacaagaaaa gcttcatgta gaataataata agctatgtga atcttttagaa 480  
gaactacaaa acctgaatgg aaaacttcga agtgaaggac aaggaatatg ggctttacta 540  
ggcagaatca cagggcagct ttgaagatgc tttatgtgaa aagaatgtgt gtggcttgga 600  
tcctaaagaa tgttttaaaa ggtgagaatt agtanticgcc tntgggagga tcagcctttg 660  
gtcctgttaa tagaagttga atatnccggc aattttgcca gcccccaagg nggagaaaaac 720  
caagttaa 728

<210> 2628  
<211> 731  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(731)  
<223> n = A,T,C or G

<400> 2628  
gngngncctt naaatcncng gctacttggt ctttttgcag gatcccatcg attcgaattc 60  
ggcagcagga ggattagcca tgctggggtc tcttggacaa aaggctggta ctgattgaaa 120  
aattccctga gtatgtctag aagtgtcagg ctccctctgga atcagttaca gtgggattgg 180  
ctgcttaggt ataactctta taagattaaa aattatagat tatttggcag cttgtttgaa 240  
agtgttggtc ccaagaaaaa gttctgctgt gtgttatggc agaattatta aaaaaaatac 300  
attcttaagt tgaggtttct aagtaggctt ttgtaaaaac aggcaattac ttgctggagg 360  
cagttaattg catgcacaga tgggtacttg tgttacaaat tcctcatttg cacttgtgat 420  
taccatttg caataattca tgaaacctag ggaattctta ggtacaagga aagggttttag 480  
gcatttaaaa aacgtatcac taccatcaga ggagatggag aaaacaaaga gctaagtata 540  
aagccttatt ccaaagctga agttcagaga atattttctg aagctcgcggt ttgttgaagg 600  
taagagggtt acttaagcta ttggttccat ggactctntt cactttnaaa aaaaaaannn 660  
nnnnnnnaaa aaaaacntng agcccnttan aacttntngn ggagtcntat ttccgtnnaa 720  
tccnaacnt g 731

<210> 2629  
<211> 727  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(727)  
<223> n = A,T,C or G



<400> 2629

gngtgnnnntt	tttagatata	ngtacttgt	tctttttgca	ggatcccatc	gacccaatt	60
cggcacgagg	gggtatccct	tgagaccacc	ttgggaccag	tgcttgcaag	cagcgagata	120
tttccccagc	aaaaccaggc	agctgcta	ttaa	gctta	gaaccaatga	180
tggtcctgcc	tgtgagctgc	ctactgctgc	cttctgaatg	catatatctg	ctactgtagc	240
cccggttgt	caaactatgg	cctgtggg	cc	aatccagcc	acagtcggtt	300
ttatcgaaac	acaagcaatg	gaaatgcccc	ttccattgt	tgtctccagt	tgctctgctc	360
cgagggcagt	gttaagttgt	gcagcagagg	cccctccatg	caaagctgaa	tatgtttact	420
atttgaactt	tttcagaagt	tctgcttaag	gacaaaataa	agcctaaatc	caagaacact	480
tttaaaaatg	aggaaatagt	gaacacaata	gacggaagtc	tggaagtttc	tacccatgcc	540
aagaaaagca	ttttatgttt	ggtcacatat	gttgtgcaat	tcaaattttt	ttccctatat	600
tctctgacta	gacacttgta	ctgagtcaat	tggcgagtgt	gtctgtctaa	aagcccaatt	660
tcaaaatata	acttttaaagg	catctttaca	tagtgggggt	taagaaaaaa	gttgttattc	720
agcaana						727

<210> 2630

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2630

gngngnnngtn	nttcnaatgc	naggctactt	gttctttttg	caggatccca	tcgattcgct	60
tttttaagca	aagcagtttc	tagttaatgt	agcatcttgg	actttggggc	gtcattctta	120
agcttggtgt	gcccggtaac	catggctctc	ttgctctgat	taacccttcc	ttcaatgggc	180
ttcttcaccc	agacaccaag	gtatgagatg	gccctgccaa	gtgtcggcct	ctcctgttaa	240
acaaaaacat	tctaaagcca	ttgttcttgc	ttcatggaca	agaggcagcc	ggagagagt	300
ccaggggtgcc	ctggctctgag	ctggcatccc	catgtcttct	gtgtccgagg	gcagcatggt	360
ttctcgtgca	gtgctcaaga	cacagcctgc	cctagtccta	ccagctcaca	gcagcacctg	420
ctctccttgg	cagctatggc	catgacaacc	ccagagaagc	agcttcaggg	accgagtcag	480
attctgtttt	ggctacatgc	ctctgcgggg	tgccgggtatt	gaggcaccca	aggagctgnt	540
actggcgtgg	aaataggtga	tgctgctacc	tctgctgggt	nactcacaag	ccacacttga	600
tacacgatga	caccttgctt	ggttgggaaa	catnttaaac	atctagtnna	tgacttgcag	660
gctgntggct	accagtttcc	tgtcttgaag	gggtaatatg	gttaactttc	gggancaggt	720
tggaatgtnn	g					731

<210> 2631

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2631

ggtgttatan	nnnnnnnttt	tcaaaganac	agctcttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcagcagat	tatttaaagc	ttattcaatt	taaaagaata	cttgtaattc	120
cggacttatt	ctttgaatag	ttgggtattaa	ggtttctttt	gtaaaataag	agggtggtagt	180
atTTTTcaat	gcccttaatt	aacaaaatta	aaagtttgaa	aaccatatgt	tgattctccc	240
tcattttaaa	aaattttgta	attccactgg	tccacaaaaa	tcccaattga	ggagagctct	300
gggaagagca	cattctgtca	atgggtctca	acattttggg	ctcaggacca	ctttacattc	360

ttatttagga	aatgacctaa	attttca	actagtgaac	gaataaactg	gttctgt	420
gtaatggaat	actacttcac	aataaaagg	aatgtactat	tgatacacac	agcaccatgg	480
gtgaagctca	aatgtattat	gctgaatgaa	agaagccaga	ctcaaaaagc	tgcttactgn	540
tatgtttctat	ttatatgaca	ttcttgaaat	gacactactt	agggatggat	aatagattag	600
tggttgccag	gagttggggt	agtgggaagg	gtttactaca	atggantggc	ataagggaaa	660
ttatttgggg	tggtgaaact	cttaattggg	ggntacataa	ttctatgcat	ttggcaaaat	720
tcattggagct	gcacacccaa	aagagtgaat	ttnttcc			757

<210> 2632

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2632

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gatcccatcg	attcgctaaa	gccggctatg	ggaagccatg	tcatacttgg	ctaccttcct	120
atgttccttc	tcacagcaaa	actcttgga	tgatcatttg	aagtcacccc	tctgtgtctt	180
cttgtgaaat	ggcttgggcg	tctctgggct	ctgacttgct	catctgggaa	gagatggggt	240
agagggagtt	ggattataaa	tcattgctca	ctcagtcaac	agaatgctac	tcaggcacta	300
aaaatgatgg	cgtagcccta	cgtattctga	catgggaaga	tgccacacaa	atcttattat	360
gtggaaaaaa	ctagttgcat	aggatttatg	gtttgattac	attttagtaa	aataaattca	420
tttatggtgg	tatatgcaaa	gaaaaataaa	tgccggggcg	agtggctcac	gcctgtaatc	480
ccagcacttt	gggaggctga	ggcagggtga	tcacttgagg	ccaggagggt	gagaccagcc	540
tgcccaacat	ggtaaaaccc	catttccatt	aaaaatacaa	aaattagcac	caagccgtgg	600
tggcacgtgc	ctgtagtccc	agctactcan	gangcttaan	atgggaaaac	ttgcnttgaa	660
cctggaaagg	tggaagggtt	gcggtgaagc	ccaagaatca	cgccanttgg	acttncggcc	720
tgggcttaca	agcccanact	tttgcttnaa	aaaaaaaaaa	a		761

<210> 2633

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 2633

naatngcnag	ctctngttct	tttncggatt	annaagcctt	agcaggcnng	gaagatgaaa	60
ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaagagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggagggtg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggtatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaactcatg	tcttaaacat	ctgtgaaaaa	360
gatggtcttt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gttttgcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
acccgcagat	gctcatgtgc	tcagaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcaattgc	ttgtcgccca	600
ataaaagaga	ngccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	764

<210> 2634  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2634

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aagctattta	atggtcagac	acgatggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
gaggcaggcg	gatcacttga	ggtcaggagt	tcaagaccag	cctggccaac	atggcaaaac	240
ccagtctcta	ctgaatgaaa	atacaaaaat	tagctggcct	agcagttggt	ggtggcaggt	300
gcctgtagtc	ccagctactt	gggaggctga	ggcaggagaa	tcgcttgaat	ttgggaggcg	360
gaggttacag	tgaaccaca	tggcgccact	gcactccagc	ttgggtgata	gagtgagact	420
ctatctcaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	tagaatgcag	540
tgaaaaaaat	gctttatttg	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	600
aagctgcant	aaacaagtta	acaaccanca	attgcattca	ttttatgttt	caaggttcaa	660
gggggaaggt	tttggaaggt	ttttttnaat	tcgcgggncc	gcggcgccna	tgcattg	717

<210> 2635  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 2635

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tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atgggtanttt	aaccagggtt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctntccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
ggctccacag	tctgacttng	gcttttcaag	caccacagaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcttg	taatcccagc	actttgggaa	gcaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgtea	nttatcaagg	ttgcactttt	aaatngngta	tttttatgn		769

<210> 2636  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)

<223> n = A,T,C or G

<400> 2636

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tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atgggtanttt	aaccagggtt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctttccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
gggtccacag	tctgacttng	gcttttcaag	cacccagaaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgta	nttatcaagg	ttgcactttt	aaatgnggta	tttttatgn		769

<210> 2637

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2637

taananatnc	agctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnntatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgaagt	agaccctgtc	tctattttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaagggtg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2638

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2638

taananatnc	agctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnntatgtcc	acagaccaag	240

aaggaactgt	cacgctggta	ccgctgtct	gacttgggct	atcaacagcc	agcgaacta	300
gaggaatctt	atagattcca	gaacccagga	tacctcaagg	ataggtcaca	agcagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgagtg	agaccctgtc	tctattttaag	600
aaaaaattat	taagaaatth	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaacccaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaaggttg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2639

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2639

nnnnnnnnnn	nnnnntntga	aacccttttn	aagccttttg	naggaccctc	gatcgaattc	60
ggcacgagga	acagacaagt	tctgtccag	cctctgttac	ctctaacc	atggcattct	120
atccttttct	acactgggct	tncatttctt	acccaacaat	ggactgggtc	ttcaaggtgc	180
tggcatttaa	attcccaaan	acttggnctt	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttatc	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaag	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggc	actgggttct	ttcaagcctt	480
aattagccct	ttgncactac	ctgncctac	atgctgggtt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggcttccca	tctggcaacc	600
catttatatg	ggcaaaagac	catgttgnac	catagagcta	gaccangtgc	catgggtggg	660
cttgnaaagn	attcaccaac	ttncaaaggt	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccnt	ttggnataan	gnncccaaaa	aaaagnaag	779

<210> 2640

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2640

taaanacag	ctcttggtct	ttgcggactt	atcgatccna	attcggcacg	agggatattg	60
ttcttgaacc	acaccggttc	gacccatagag	ttctcttttc	tgctgggtcat	gatggaaacg	120
tgatagtgtg	ggatctggca	agaggagtca	aaatacgatc	ttatttcaat	atgattgaag	180
gccaaggaca	tggcgcagta	tttgactgca	aatgctctcc	tgatgggtcag	cattttgcat	240
gcacagactc	tcattggacat	cttttaattt	ttggcttttg	gtccagtagc	aaatatgaca	300
agatagcaga	tcagatgttc	tttcatagtg	attatcggcc	acttattcgt	gatgccaaca	360
attttgtatt	agatgaacag	actcagcaag	cacctcatct	tatgccttcc	ccttttttgg	420
ttgatgttga	tggtaaccct	catccatcaa	gatatcaaag	attagttcct	ggccgtgaaa	480
attgcaggga	ggagcaactc	atcctcaaat	gggagtactt	cctcaggact	gaatcaagtt	540
ttaagtcagc	aagcaaacca	ggagatcagc	ccactggaca	gcatgattca	aagactacaa	600
caggacaaga	cctgagacgt	tcttgggtgaa	gcagggttaa	taatccaccg	ttaagtagan	660

gctccataag tctacctcaa agattcc caccaacgta ggcttanacg t	acaaa	720
ttgaagtgtc cgnaaatgcn cagacgccc aagaat		757

<210> 2641  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 2641		
nnnnnnnnnn nnnnntntga aacccttttn aagccttttg naggaccctc gatcgaattc		60
ggcacgagga acagacaagt tctgtcccag cctctgttac ctctaacccc atggcattct		120
atccttttct acactgggct tncattttctt acccaacaat ggactgggtct ttcaaggtgc		180
tggcatttaa attcccaaan acttggnctt cttctgantt ggggacctcc ttcaaagntg		240
aattgcagtg agtgacaata aactgggcta aatacttata ttgccagaag actcaaaggg		300
nttaaggctt ttactaactg aactctatgc tagaaggtaa ggataaaaagg gtaacaggac		360
acaagtcttg ctttaacttg cttgggctgt caagccttat caaactaacc ctatctctct		420
tcacctctta tctttatcac ccgtagattc cttgggtggc actgggttct ttcaagcctt		480
aattagccct ttgncactac ctgncctacac atgctgggtt tccgtctcat tccatcttga		540
cattggctat tttgaganct caacttaatt gcagaagaac tggcttccca tctggcaacc		600
cattatatgn ggcaaaagac catgttgncac catagagcta gaccangtc catggtgggg		660
cttgnaaagn attcaccaac ttncaaaggt tacctaaatc cctttactca agaagcctaa		720
ntntactgga cagtgggaaa aataaccnt ttggnataaann gnncccaaaa aaaagnaag		779

<210> 2642  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 2642		
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ggtagccgga tgcagctggg agatgtgaca ccacacaata ttaaacagtt tnaaagattg		120
aatcaggtca tctttccagt cagctacaat gacaagtcta caaggatgtg ctggaggttg		180
gcgagctagc aaaacttgcc tatttcaatg atattgctgt aggtgcagta tgctgtaggg		240
tggatcattc acagaatcag aagagacttt acatcatgac actaggatgt ctggcacctt		300
acccgaaggc taggaatagg aactaaaatg ttaaatacatg tcttaaacat ctgtgaaaaa		360
gatggtcttt tgacaacatt tatctgcatg tccagatcag caatgagtcg gcaattgact		420
tctacaggaa gtttggcttt gagattattg agacaaagaa gaactactat aagaggatag		480
acccgcagat gctcatgtgc tgcagaaaaa cctcaaagtt ccttctggca gaatgcagat		540
gtgcaaaaga cagacactga caaattacaa atgaactttc ttgcacttgc ttgtcgccca		600
ataaaagaga ngcccattga ttcttcccca ccccaaaaaa aaaaaaann nnnnnnnnnn		660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn annnnnnccc nnnnnnnnnn nnnnnnnnnn		720
nnnnnnnann nnnnnnnnnn nnnnnnnnann nnnnnnnnann nnnnnnnnnn		764

<210> 2643  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

<400> 2643  
 gnnttttgata ccctttttga ntgccttttg caggacnctc gttcgaattc ggcacgaggg 60  
 aacgcagctg ctcaccagca acggaacaaa gctggacnga gaatgacttt gaagagctga 120  
 gagaagggct tcagaccgat caaattactc tgagcttacg gggagggcca ttcaaaccaa 180  
 agggcaaaga aagtttgaaa actttgaaaa aaataaatgg tcattaatta aacgtggaaa 240  
 tctggtgaac aagtaacaaa ctttggtgaa atttcaggac catagccatt gaagtggatg 300  
 agggaaaccta tatcatgcac tcaacaatgg tctttttacc ctgggagctt cacacaaaga 360  
 agaatcgccc tgaaacctgg ctatggaaaa taccttagta taaattcaga tgaacttggt 420  
 gttggcgctt agatgcaatt ggccaagaga acaatgggaa ccagtctttc aaaatgatgg 480  
 ccatncagta atgagaatga acagtcttca actaaaggca acaatntaga tgaatctcgg 540  
 aaacatgata ttgaccaaga cagaaaagat tcacttacat aaacttcaaa agaagataaa 600  
 actgatctat gacattaata gtcagaatat tcattatcct tgaggggaact aaactgggaa 660  
 gccncatgat agggcatttt ggaagctagt aatgncctct ttcttgatct ggtacattgg 720  
 tngngttatt tcattagatt tattgagctn tacatttacc accngtcct tggctctgga 780  
 tatgtttt 788

<210> 2644  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(800)  
 <223> n = A,T,C or G

<400> 2644  
 nnnttttnnn anatncagct cttgttcttt ttgoggatcc tatcgattcg aattcggcac 60  
 gagttcacca atgacatgat cttatagcga ttctataaaa acagaattat taaccaaatt 120  
 cagcaaagtt ggtcaaattc caaaattaac cccagaaat caggtgcttt ctattatagt 180  
 actngccagg tggaaccact tcatggaang gaaattagcc aggttcattt aaatngcatt 240  
 caaaaaggaa ttnaaattcc ttagggaatt aaccnaggga nggtgaaaga cttgggtcccc 300  
 agaaaactnc caaaatattg gttggaagaa attaaagaag acataattaa atggaaagac 360  
 atcctggtgt tcaattatat ccatttaaag acacaattaa atgggaagac atctgtgttg 420  
 gaaagtttaa tattggtcac atgtcagtct acccaaagtg gcatcagagg caatgcaatc 480  
 ctattaacat ccacagtgtt tttttaggaa atnttaaaac ctatcacang ccaggttcng 540  
 ttggtcatgc ctgtaatccc aatattttgc caagcctagg agttcaagac cagcctgggc 600  
 aacatacgag accctagctt tacaacacac caccaaaagc ccggtgtggt agcacatgtc 660  
 tgtagtcaca ggtccttttag angttgaggc aggaggatca cttgagcccc agaattttga 720  
 ggcacagtgg gctntnttca ggnttcttaa ctccagtctn ggtgacangg ggaaaacctg 780  
 nggctaggtt taaaaaaaaa 800

<210> 2645  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 2645

gnnttttnaa	aannncnagt	ttaattgtt	antttttgca	ggatcttatc	gattcgaatt	60
cggcagcagc	atggtaatcc	tgctcagtac	gagaaggaac	cgcaggttca	gacatttggt	120
gtatgtgctt	ggcttgagga	agccaatggg	gcgaaacctn	catctggtgg	ggaaggaaag	180
gaaggcaggg	ctggtgggtg	gggactgggg	taggggtatt	agtatcactc	ctggaagttt	240
ccactggctt	cttagaaatc	taaccagaa	antagaaacc	taatttttta	aagggtgact	300
gggcaaaaaa	aaaaaaanna	annnatnnnn	annnnannan	nnnnnannna	nnnanacnnn	360
cnannatgna	ccntnnnnan	nntncnnng	annnnnnnnc	annnnannca	tngnaanttn	420
nnnnnnnnnt	gaaaaactnn	ngncctnaan	aaaatngnnn	nntntnnaat	nnnnnnncnn	480
tnnntnnnn	nnnttgnnnn	nnnancnec	nnnnnnnnnn	gnnnaaaaaa	aanttttttt	540
tnnaaannnn	naannnttnn	nnntaantnn	acanttttnn	nnngnnnnna	naannnnnnc	600
ncanannatt	gnnttttttt	ttnnnnnnnn	nnnnnggggg	nnngngggaa	ntnttttnna	660
nnnnngnccc	cnnngcnnnn	nnnttngggc	cnnnnccnnt	ttttttnncc	cnnttgggng	720
gnnnnttnnn	ccccnnnnnn	naaannngnn	nnannnnnnt	nnnnaaanaa	aanntnnnnn	780
nnnnaantnn	nnnnnnngng	ggnc				804

<210> 2646

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2646

gnnttttnaa	nnnnnncagt	ntactngtng	tttttgcagg	atcctatcga	ttcgaattcg	60
gcacgagcga	gttttttttt	tttttttttc	ttcctctctt	tctctcttcc	ttcctccttc	120
cnttctctcg	ttcttcccc	ccentttttt	tggannnagg	gttttttttt	ngtgncnagg	180
nctggagtca	agggnccaan	tccngttaa	tngaacctg	acntcnnggg	ccnangnaat	240
ccttttaact	taancntcnn	gnaaacnggg	nccncnggcc	catncaacaa	aaccaagtta	300
ngattttttt	tttttaaaat	ttttgagcaa	caggggggatc	tcctgggggtg	gcccaaattg	360
gcttaaaact	cctggcttna	aatggatcct	cgggcntaag	cctnccaaag	gctaggattn	420
taagcntaag	ccaccacacc	cagcccatte	tttataatta	ctttatgggt	caaagcagct	480
tanggttact	ggnaaattgn	gaagaaattn	ccgagtcca	catctnccaa	ctttgcattt	540
ttacatgact	ggntttctct	attctataac	ctaataagca	tgcttttctt	accttntctac	600
tgaacttttt	actaatatat	tatctaattg	aaatgagcat	accagtnca	tttactagaa	660
ttagatgtgg	gactcagaaa	taaatctgca	ggttgggttg	gaccaactnt	gggaaaagct	720
acctcaaatt	tgtggagggc	caaagnttgc	atttgcnctn	tactggaaca	nggggagna	779

<210> 2647

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 2647

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ctgtaccggt	tgctgtgtgc	ttaaaacagg	gttccttttt	gtagcatcaa		120
gaatttggga	aaaccattct	ttatatcaaa	attggcncat	ctttgggang	aatgaatgaa	180
tgaaagaacc	ctggagtttt	caatcaaccc	atgccctctt	ggaaagaagg	gagaacncat	240
ttcttttttt	caacccttta	aaaaccttgg	tgctgggttg	atgaagttgg		300



gacaagcctc	ttctccatt	cttggcc	agatagctga	tctggccaat	g	360
acagttgtat	gtggcctgtg	gtggggacc	ccgatcatct	ctgagaagtc	ctagacatg	420
gacttgangt	gtcagaaatg	gctggttctg	agctacctgg	tacccaacg	cttgtctgga	480
cagtgcgtcg	acacattgaa	gatgagtttg	atgcctacat	cattgggtct	ttcgtgaatg	540
ccacccta	gttgccatt	ggagaaactg	tagaagaagt	gactgactct	nggttcctgg	600
ggaccacccc	gacttggcct	gctncttatt	aggagatgat	gccttgggtg	aggctatnca	660
natgnattng	gnacatacna	gccgacaaga	aagtcaatga	atggnaaaac	cctggaagaa	720
aacaattgtg	aantgtgcaa	tggaaccanc	gaccagtgg	gaatggcctt	acaggangaa	780
aactggtntn	ttt					793

<210> 2648

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2648

tatnnnatnc	agctcttggt	ctttttgcgg	atccctcgat	tcgaattcgg	cacgaggaaa	60
gaccgagata	gagagagaga	cagagacaga	gagcgagacc	cgtgggtccg	ggncagagaa	120
aggaggaacc	ccccngang	anganganga	nganggganc	cgtgattcac	cagtccttc	180
caccaaagtg	tttttcaacc	agccgattga	aagaaccgat	tccaggattc	caggggaatt	240
ttgccnngaa	aaggaaggtt	nttgaaccgt	naccaagaag	caaagttcga	ggaaaaaaag	300
gaaagaaccg	accatttgag	gaaaaggacc	gaccaccagg	ggagaaagaa	ggaaaccag	360
acnttaagtc	ttcttcgaaa	gttattagta	gacgtcgcca	tgaaagtga	agaaaggaga	420
ttgtcacagg	agaccaaacc	cnaaaaatct	aaaagaagcn	aagaaggga	agaagcnggc	480
agtgagcctt	gcccttgaca	ggagagcccc	gaaactncac	cttgcagaat	agcatgggtt	540
tngccttttg	tgtatattag	taccagaagt	agatactatn	aatcttggtg	tttttctgga	600
taatgtttaa	gaaatttacc	ttaaattctg	gtctggtttg	gtagtatgaa	aagttaactt	660
ttttttccaa	attaaagagt	gaatttttca	ttgttaagtt	naaaatcttt	gncttgtntt	720
atttcaaaaa	ttaaagacc	gcaatgactt	tntnttccaa	aaaaaaaaaa	aaaaaactng	780
ggccttttaa	cttttgtgag	tcgtnttacg	tanatccnga	cttggttagga	tccttgggtg	840
agt						843

<210> 2649

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2649

tanacancag	ctcttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggggg	60
cggaggcggg	agaggcgagc	tcgcgatgag	tgggtctcgg	aggctcttcg	ggaaggggaa	120
gaaggagaaa	gggccaaccc	ctgaagaagc	aatacagaaa	ctgaaggaga	cagagaagat	180
actgatcaag	aaacaggaat	ttttggagca	gaagattcaa	caggagctac	aaacagccaa	240
gaagtatggg	accaagaata	agagagctgc	cctacaggct	ttgcggagga	agaaaagatt	300
cgaacagcag	ctggcacaaa	ctgacgggac	attatccacc	ctggagtctc	agcgtgaggc	360
cattgagaat	gccactacca	atgcagaagt	ccttcgtacc	atggagcttg	ctgccccaaag	420
catgaagaag	gcctaccagg	acatggacat	tgacaaggta	gatgaactga	tgactgacat	480
cacggaacaa	caggaggtgg	cccagcagat	ctcagatgcc	atttctcggc	ctatgggctt	540

tagagatgat	gtggatgagg	atgtgct	ggaggagcta	gaggagctgg	agtagga	600
attggccag	gagttgttaa	atgggcga	caaggaagaa	gaaccctcag	tcaattgcc	660
tagtgtacct	tctactcatc	tgccggcagg	gccagcttcc	aaagtggatg	aagatgaaga	720
acactaaagc	agttggctga	atgggtatcc	tgataaatct	gggcttgtct	tncta	775

<210> 2650

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2650

gnngnnnnnn	ttnnnnnagn	nnnnnnngnn	nggtttngat	cagctcttgt	cttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggtt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggt	180
agaggancat	ttccctgtgg	atattctggt	ccttngntnt	tcatccanga	atttaanaac	240
tgggaattcc	taaaagtttt	cttaccctt	gaaatggctn	tgggcccctc	tttttaataa	300
tcctggtgga	atggaatggg	ttgcccgggt	ccantaat	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaatnggg	aaaatttggg	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcggttaaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaant	600
taaaggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagccat	tttnccttgg	660
ggggaagt	ttggttttta	ttagatggnt	cacttccact	gggtagtgcc	attttggncc	720
ggacatgggt	ggggtaccca	tgaccacac	tgatggactg	cctaccctac	agaactcatg	780
cccaatggcc	ctggtttgac	tccgatcatg	ttggcctata	gtcaaagtgc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2651

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2651

cagctcttgc	ntttatgccg	atccctcgat	togaattcgg	cacgaggaga	cgctgtctct	60
acaaaaaata	aaattagcca	ggcatgatgg	cctgtacctg	tagtcccagc	tactcaggag	120
gttgataggg	gaggatcacc	tgagcctgcg	aggctcgagg	tgacgaagc	caagatcatg	180
ccactgtact	tcagcctggg	cgatagagac	cctgactcaa	aacaaagaag	accagtaga	240
agttcagtgt	tgagtgtctaa	agacttaaaa	gagttataaa	gctgaacctt	taatcttaag	300
aggtttataa	gtgagaacaa	gaatctccaa	atcctgtact	gtttaatatc	agcatgagac	360
taaaccactg	tcctaagaag	acaaccttaa	tttgaatcaa	gttatttttag	agtgatgtgt	420
tttctgaggc	agctctcaga	angttattgt	ctgggtgttaa	aatagtga	ttgagtaata	480
acaagggttaa	aatcggtgga	cattaaatac	acacaagact	tcaattgctg	ggctcctccat	540
tgattaatga	aaaaatgatt	gtttttggaa	tttgagtga	acacttctta	atggctgagt	600
anggtggctt	acgcctgtaa	tcccaccact	ttgggatcac	tttgaggccg	ggacttttga	660
gaccagcttg	gncaacatga	ggaaagcacg	tctttctaaa	aatcn		705

<210> 2652

<211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 2652

ttnaatcatg	ctcttgtttc	naancgntgn	catcgattcg	aattcgcacg	aggtggtctt	60
cagtctgtcg	tgcaccgatg	agaactctcc	ttattgctgt	gaagggcaga	caatgcatgg	120
ctgatctact	ctgttaccaa	tggctttact	agtgcacagt	cccccggtct	aggatcgaaa	180
tggttaacacc	gggagctctc	caggccaccc	acccggagag	acgtcgcgct	gtggcctgaa	240
gtggcgcaag	cttgctttgt	aaatatctgt	gggtcccgatg	tagtgcccag	aacgtttgtg	300
cgaggcagct	ctgcgcccgg	gttcagccc	gagcctcgcc	gggtcgcgct	ttcggagtg	360
ttgtgacagt	ccttgcccag	tatctagtcc	ccgtcgcccc	gtgcaggaga	cgtaggtagg	420
acgtcgtgtc	agctgtgcac	tgacggccag	tctccgagct	gtgcgtttgt	atcgccactg	480
tatttgtgta	ctttaacaat	cgtgtaaata	ataaattcat	aatgacttct	acctttaaaa	540
aaaaaaaaann	nnntnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	naaaaaaaaaa	600
cctngnnaac	nggatgccac	cctgggccna	cgaattttcc	tgccaatgtt	gctcactngg	660
gggacnnct	ggaaggactn	ttttggggnc	ccncanaatt	aaaccttgn		709

<210> 2653  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 2653

tgnttnnttn	aattatgctc	tcgccttcna	atngntngnn	tcnattcgaa	ttcggcacga	60
ggagaagctg	accttggacc	tgacggtgct	cctgggtgtg	ctgcaggggc	aacagcagag	120
cctacagcag	ggggcacact	ccaccggctc	cagccgcctg	cacgacctct	actggcaggg	180
catgaaaacc	ctgggagtcc	agcgcccaa	gttgaggaga	aaggatgcca	aggagatccc	240
cagtgccacc	cagagcccca	tcagtaagaa	gcggaagaaa	aagggattct	tgccagagac	300
gaagaagcgc	aagaaacgca	agtcagagga	tggcacgcca	gcggaggatg	gcacacctgc	360
agccaccggc	gggagccagc	ccccagcat	gggcaggaag	aagaggaaca	ggacaaaggg	420
taaggtccca	gcccaggcaa	acgggacgcc	aaccaccaag	agtccagccc	ctggcgcccc	480
cacccgagc	cccagcacc	ctgccaaatc	cccaaaactt	gcagaagaaa	aaccagaagc	540
cgtncaggt	gaatggtgct	cccgggtccc	ccacggaacc	ttgcaggcca	aaagcagcat	600
cagaaggctc	ttcccaaaaa	gggggtcttt	gggcaaata	ccacttgctc	cgcgcttggc	660
accggaaaaa	nggcaagggc	ttgtcttttg	gtcattcang	gagttccagc	cctgcnttca	720
aaaatggggg	cccaaanaat					740

<210> 2654  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 2654

ttttncaca	gctggctact	cgctnttt	gcaggatccc	atcgattcga	attcggcacg	60
aggacagtac	ctttccccc	cctttcatgg	cccattttat	tgtctgcctt	tcagtactaa	120
gtatgaccgt	tcctatctca	gatcttaata	aaaagaaaaa	aaaaacgc	tcagggttaa	180
tttggcctta	atttaata	cttgtagca	agcgtgtgtg	acagagagtg	gggaaagcta	240
catcattgaa	tattttgata	aactttaccg	acttgagttt	ggtttatttt	tcccttttcc	300
taaattaact	agcactgact	gtaatttatt	tccctgtttc	acgtctctcc	cttccattct	360
gcaggagttt	tagctatttg	agatcgtgga	ccatcagttt	tgcacttttag	agagtgtttc	420
tgactctaaa	cctgttttat	cagaaaattt	gttttttctt	gatcttagct	ggaaaaatct	480
gccaaacttta	cacagtattt	acttggtttt	gacccacaga	atatagcacg	ttgtgcaaac	540
tgctgattca	gcgaaactta	naaaagacaa	gaaactactg	aggagcttag	taactgctgt	600
ttctgtacgt	agtgtttaat	cttccaagca	catctagtgt	ctgtcagttt	ctaattggca	660
tgtgtaggct	gctctgtgac	tgaagaattt	tcaaaccagc	tttacaccct	tcaggaaaaa	720
atcccttggtg	attggatggt	tactatcngc	cnngaaactg	gtactcaaga	tgtnngaacg	780

<210> 2655

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2655

ntttgaaacc	ctttgttact	tgtncttttt	gcaggatccc	tcgattcggt	tcagcccttt	60
gccgccaggg	ccaaaggtgg	aaagtgattt	ggaagagnaa	gagcttttcg	tccaccagaa	120
aaattggtcc	naaattaanc	ttgnaaggga	ngnaatttgg	gaanttgcg	caaggcnaaa	180
agcnttactt	ttannngntt	aatcaantan	gnttggccct	tccngaaagt	aaattttaat	240
ggcttaaagg	ggttancagn	cccaanaaag	ggttnngggga	agcaantccc	agccncancc	300
agggccagtt	aaggcctttg	gtgaactgtg	ctattagggc	ccagcttccg	gtaccctgta	360
ggttcccaag	gcctggctta	agcagatcct	tgatcgatat	accttgagan	cagaagggtg	420
tccnaatnac	accgtccaat	aggggatcta	ggacaatctt	ggagatccat	gccttgctgt	480
gttgctgatt	cttactgggg	actgtagatg	aaaggtggaa	agatnactta	gcacatcttn	540
aaactatggg	aagncattct	ttctgcttgt	angatttgte	ntgttttgga	aanctttaaa	600
cgtggntnaa	ccctatgttn	ggaattatct	gctttatggg	agcaataccc	tnttttaaga	660
atttgaattn	ancccgaaag	ttatggccgg	taacttaaat	tggttaaacc	tgggcttata	720
acccaaggc	ccgggttcaa	cn				742

<210> 2656

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 2656

ttgcnancgn	tgccctactc	gttctntntg	caggcatccc	atcgattcga	attcggcacg	60
aggtttagctc	gaggggcaaa	taaagagcac	aggaatgttt	ctgattacac	acctctaagt	120
ctggctgctt	ctgggtggcta	tgtgaacatc	atcaaaatat	tactaaatgc	aggagctgag	180
attaactcta	gaactggtag	caaattgggc	atctctctc	tgatgttagc	agctatgaat	240
gggcatacag	ctgctgttaa	gctcctgtta	gacatgggct	ctgacataaa	tgctcagata	300
gaaaccaatc	ggaacactgc	ccttacttta	gcctgcttcc	aaggaagaac	tgaagtgggt	360

agtcttctgc	ttgatagaaa	agctatgtt	gaacacagag	ctaagactgg	tcaccca	420
ctaattggaag	ctgcctctgg	tggatgagc	gaggtgggccc	gagttctttt	ggataaaggt	480
gctgatgtta	atgccccctcc	agttccccctcc	tcaagagata	cagctttaac	catagcagca	540
gataaagggc	attacaaatt	ctgtgagctt	cttattggca	ggggagctca	tattgatgta	600
cgtaacaaga	aggggaacac	tccattgtgg	ctagcagcaa	atgggtggaca	cctcgatgtg	660
gttcagttac	tgggtgcaaag	caggtgcaga	tgtggatgca	gcagataacc	gcaagataac	720
tcctcttatg	gcagcattta	gaaaggggtca	tgttgaangt	gggtgcccct	acttttagtca	780
aagaan						786

<210> 2657

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 2657

ttnaaantat	cgaaactctt	tggacttttc	gnacgctttg	caggatccca	tcgattcggn	60
ccacttnccg	cgtngccatg	gnggcgnaac	actactantt	cccgtcgcag	ctnctgccgt	120
nagagcntgt	ggacaantgt	ataggatcaa	gaattcacat	ccngatgaac	agtgatnang	180
aaatngntgg	tactctccta	cgatntgatg	actttgnnnn	tatggtnctg	gaagangtnn	240
ctgagnttga	aatcacaccn	catgaanaan	gatgctaaat	tanancacat	ntngctnaat	300
ggaaataata	taacaatgct	ggttcctgga	gganannnac	ctganntgtg	aatgagttnc	360
cttgacttac	actagatttt	gttttggtt	atnatgacaa	naaaatggga	ttttttttcc	420
cactttctaa	tgnttaaata	ccatanagct	aagttncctg	nttaagggaa	gtgctntgaa	480
gatgtgtacc	catcnttgn	agttaancat	gattatcctg	gaaaaagaan	aaaatanctt	540
cttctttgca	gatgaaaata	aaggtgtttt	tgggttaactg	tcnaanaann	nnnantgccc	600
tnaaaaagag	ttgnnggggg	gcntgactct	tataaaatgg	atttaatnaa	actgtncnan	660
angcctcccc	cccttaaaan	ntttggggcg	tgttnttccc	ttangncccc	caaaannntn	720
nnannccttt	tntgggattt	tnggcccaaa	ccccccctt	tgaaggnnn	gggaaaaaaa	780
cttntttttt	tttgggaaaa	tttgtgn				807

<210> 2658

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2658

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ggtgcacacc	accacaccca	actagttttt	tgtgttttta	gtagagatgg	ggtttcatga	120
tgttgcccaa	gctggctctg	agctcctgac	cccaggatgat	ccaccacct	cggcctccca	180
gggtgctgga	attataggcg	tgagccactg	cgcacggcct	ggggagggtt	tatttcttga	240
caaagggtatt	tgatactcgt	gcagaccctg	gaggggtctca	ctggagagac	aacatttagg	300
ctgagatctg	attaacagga	ggcagctgca	gtgcagaggt	caaaaggagg	ggtgttccag	360
gcagagaaaa	cagcctgtgc	aaaggccctg	aggcagaaac	aaactctact	tgaggctcagc	420
ctgggttagaa	aacccaactc	aaaatagaaa	gtattacatg	ataaggctctg	agatcagaac	480
ccaagtctgc	acttcctagt	cacgttctcc	ctgtagtgct	aagcccagag	acctgagctg	540
ttaacctaga	acagtgtgct	tcctaagcct	taatgtgcat	acccatcgcc	tggagctcgc	600
cttaagatgt	aggctctgcc	tgaagcccaa	gttcatttag	tatgtcatgg	ttaattcaga	660

gtaaaatcaa gagttagtac tt	cttggtatat aaagaaagag ac	720
tgatgatca tttgtcact tt	aaagc atttaattcc attcaattgg aaagtg	777

<210> 2659  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 2659		
naaacnnc	gctacttggt	ctttttgcag gatcccatcg attcgccgaa gaaatataac 60
acattttgga	cctacaactc	ttagatcaac tcttgccctat gggatgctca ggctctgtga 120
tcctctacct	tatgatataa	tagtcgatcc aatgtgtgga actggggcaa taccaataga 180
ggggggccact	gaatggtctg	actgcttcca tattgctggg gataataatc cactggctgt 240
gaatagagca	gcaaataaca	ttgcatcttt attgaccaag agccaaatta aagaaggcaa 300
accctcctgg	ggcttgccca	tagatgctgt tcagtgggat atctgcaatc tgccattgag 360
aactggctct	gtggatatta	ttgtaacaga tttgccattt ggaaaaagga tgggatccaa 420
gaaaagaaac	tggaaccttt	atccagcttg cctacgggag atgagccgtg tctgcacacc 480
taccacaggc	cgagctgtac	tacttactca agacacaaaa tgctttacca aggcgttatc 540
tggaatgcga	cacgtatggc	gaaaggtgga tacagtctgg gtgaacgttg gtggtcttcg 600
tgctgcagtt	tacgttctga	tacgtacacc tcaagctttt gttcatcctt cagaacaaga 660
cggagaaaga	ggaactcttt	ggcaatgcaa agaatgaaga tgactaatag tacttgnact 720
tnccaccact	ggaaatgtta	gcataaaaga acttggagag gaaaaaagtn ttac 774

<210> 2660  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(815)  
 <223> n = A,T,C or G

<400> 2660		
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agtgactgcc	ttcggtttt	tttctgctga ctaagatctc ctatagagag ctacaacaat 120
gcccaaaaga	aaggctgcag	gtcaagggtga tatgaggcag gagccaaaga gaagatctgc 180
caggttgtct	gctatgcttg	tgccagttac accagaagtg aagcctaaaa gaacatcaag 240
ttcaaggaaa	atgaagacna	aaagtgatat gatggaagaa aacatngatt cnagtgcccn 300
ancnnttgnt	nnaaccanc	cagaagccat tngtnnanaa ganntccatn gaaannnnta 360
aaantggaga	agccaaantt	ncagaggcac cagcttntga aaaagaantt gtggaagtaa 420
aagaggaaan	tattgaanat	gccacagaaa agggaggaga aangaaagaa gcagtggcag 480
cagaagtaaa	aatgaagaa	gaagatcaga angaagatga ngaagatcaa aacgaagana 540
agggaaactc	tggaananaa	cacagatntg aaaaggngga aaaatatgga anagggttta 600
aatnggatg	tgaaaaggga	aaatangcaa gagananaga atttggaana aangngtgaa 660
cccnggaaag	gggatttngg	aaaatttttg aaaaaaaan nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnaa	aaaaaaaacg	cccttttaaa nacnttttg ggggntcnt tttttccgcn 780
aannccccca	nacctttgan	taangaatnc cnttc 815

<210> 2661  
 <211> 815  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2661

taaacctnca gctacttggt ctttttgtag gatcccatcg attcgaattc ggcacgaggc	60
agtgactgcc ttcggctttt tttctgctga ctaagatctc ctatagagag ctacaacaat	120
gcccaaaaga aaggctgcag gtcaagggtga tatgaggcag gagccaaaga gaagatctgc	180
caggttgctt gctatgcttg tgccagttac accagaagtg aagcctaaaa gaacatcaag	240
ttcaaggaaa atgaagacna aaagtgatat gatggaagaa aacatngatt cnagtgtccn	300
ancnnttgnt nnaaccanc cagaagccat tngtnnanaa ganntccatn gaaannnnta	360
aaantggaga agccaaantt ncagaggcac cagcttntga aaaagaantt gtggaagtaa	420
aagaggaaan tattgaanat gccacagaaa agggaggaga aangaagaa gcagtggcag	480
cagaagtaaa aaatgaagaa gaagatcaga angaagatga ngaagatcaa aacgaagana	540
agggaaactc tggaananaa cacagatntg aaaagggnga aaaatatgga anagggttta	600
aatgnggatg tgaaaaggga aaatangcaa gagananaga atttggaaaa aangngtgaa	660
cccnggaaag gggatttngg aaaatttttg aaaaaaaaaa nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnaa aaaaaaaacg ccctttttaa nacnttttgg gggggtntct ttttcccg	780
aannncccca nacctttgan taangaatnc cnttc	815

<210> 2662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 2662

gtngggntnn nnnttttgna aacctnngc tattgttctt tttgcaggat cccatcgatt	60
cgaattcggc acgagggtga ctggaatcgc ttgaaccgag gaggcggagg ttgtagttag	120
ctgagatcgt gccactgcac cccagcttgg gcaacagagc aaaactctgt ctttaaaaaa	180
aaaaaacaaa aaaccaaac aaacaaacaa aaaaaacctt atatgggctg ggctgggctg	240
ggtgccttat gccacaatc ccagcatttt gggaggccag gatgggagga tcacttgagc	300
ccagaagttt gagaccagcc tgggctacag agtaaggccc catntctaca aaaaaacctt	360
aaaaattagc caggtgtggt ggcacgcact gtggtcccag ctgtaccaga ggctgaanca	420
ggaggatccc ttgagccan naggtcaagg ctgcagttag ccatatctac accactgcac	480
tccagcctgg gcaacagcct gtctcaaaaa ctactataaa aaccttatat gttnttgta	540
gaatnaaatt agatatacaa aaagaggggc cgggcagggt ggctcacgcc tgtaatccca	600
gcactttggg angctgangc aggtgaatta cttgagggtca tngagttccg agaccagcct	660
gaccaacatg gngaaaaccc tgtctatact aaaatntaca aaaatcagtc tancgttggn	720
nggtgggcgc cttgtaattc ccanctattc tggcaggctn angcaangat aattgnttcn	780
atcccgggaa ggcaataggt ttccc	805

<210> 2663

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2663

tcaacagctg	gctactcgtn	ctntntgcag	gcatcccatc	gattcgaatt	cggcacgaga	60
gttttctctg	gattagtgtt	tttggtgttg	ttttattttt	tttcttacag	gaactcttgc	120
aagaagaaag	gactatgagt	tcaacttttag	agggagccat	ggggactaaa	caaaattctg	180
aggcccccctc	aaccatctaa	atggacttcc	ttctgggcca	ggacactcga	aaattaaacc	240
tgaagactg	gttcaggcca	tgatgggaag	tgggagtcga	acatgcctca	tcataccctc	300
cagcattaac	atcaacacag	accttaaggc	tgataagaag	catttacaat	ctattctctc	360
tgaagtcttc	tacctggagg	cttcatctgc	atgataaaaac	tttggtctcc	acaacctctt	420
acaaccagg	cattcctttc	tatcgataat	tactctttca	accaattgcc	aatcagaaaa	480
ttgttatatc	tacctataat	ctagaagccc	ccacatcaag	ttgttttgcc	tttctggaca	540
ggaccaatgt	atatcttaaa	tgatatntgat	tgatctctca	tgtctcccta	aaatgtataa	600
aaccacgctg	ttccccgacc	acctggagca	catgttctca	gggtctcctg	anggctgtgc	660
acaggccatg	ttcacttaca	tttggctcag	aataaatctc	ttcanataan	aaaaaanccc	720
cencncccc	cccccnacc	cacaaaaaac	ctcngccctt	taaaactttt	gnnggnncg	778

<210> 2664

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 2664

gnattccgta	aacgtacngt	gttctttttg	caggatccca	tcgattcggt	tttaatagtc	60
attccaaata	tgagatgcat	tgttacagga	agtcccttgc	catcctaaaa	gccacccccc	120
ttctctctaa	ggagaatggc	ccagtcctct	cccaagtcca	cacaggggag	gtgatagcat	180
tacataattt	acacgaaagc	aatgctatca	cctnncnagn	gtggacttgg	gagnggnnng	240
cttngnttnc	nnttgagtga	tgannntcn	nnnnncncnt	ncntcttnt	tngnnccnna	300
ncttgcatnn	ntnnnnngctt	cnnctnctnt	nngaccgnnn	ngnnnnncnc	ccnnncttcc	360
nntncnnnt	tnntncnnnc	cnntnnnacn	nacnnncncn	cttannnnncn	ccnncnncnn	420
ncnnnnnnnc	ccnnnnnnnc	ccnnnnnnnc	tnctnnnnnn	centctnnncn	nannnnnnnt	480
nnntncnnnn	nnctnnnnnn	nnnnnnntcn	nnnnnnnnnn	nnccnnnnnnn	nnnncnncnnn	540
ncnnnnnnnn	cnnnnnnnnc	nnnnnnnnntc	nnncnnnnnn	cnnnnnnnnnn	nnnnnnnnnnn	600
nnnnntcnnn	ncnnnnnnnn	nnnnnnnnnn	nannnnnnnt	nnnnnnnnnnn	ccnncnncnnn	660
nnnnnnnnnn	nntcnnnnnn	nnnnnnnnnn	ncnnnnnnnn	ncnnnnnnncn	netcnnnnnnn	720
nannnnnnnn	nnnnnnnnnc	nnnnnnnnntn	nntncnncnn	nnnnnnnnnnn	nnncnccnncn	780
tnntncnnnn	nnnnncnncn	nnctnnnnntc	nntntntntcc	nettcctntt	ncnncnncnnn	840
tctnttctnt	nnncnntctn	cnncccnnc	tatecnatnn	tnctntctnn	centcnnccc	900
ncnnntnnnn	ctccnncatc	ntccnncatc	tnnctccnnc	annttncnt	nttnccccc	960
g						961

<210> 2665

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 2665



aattttcaag	ctcttgTTTT	ttcagga	tcccatcgat	tcgctggtct	cccttggt	60
ctcctgggct	caagcgatcc	gccgcctcg	gcctcccaca	gtgctgggat	tccggcgtg	120
agctaccgcg	cccggcctat	ttacttttct	tactaagctg	gggatcaccg	tcgccctcgg	180
cttggcagga	aggcgggggt	gcaagaagaa	aagaggtaca	gaacacccag	aggtgccctc	240
gattccgtct	tgcacttgcc	cttctcccac	cgtccagcaa	taaagcgaga	gaaacaagtg	300
caggaaactg	gccggcagtc	atggggagaag	ccaaaaagac	aggagttcag	tggcatgacc	360
agggtcact	gcaaccttga	tctgggctca	agtgatectc	ctacctcaac	ttcctgagta	420
gctaggacca	cagggtgtgca	ccaaccacac	ccgactaatt	tttgtagaga	tgagatccca	480
ctatgttacc	caggctggtc	ttgaactcct	gggctcaagt	gatcatcctg	ccttggtctt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcctg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660
attgcatgct	tgtatcaaaa	cattatatnt	tccccncaa	atttntncca	aaaactttta	720
aattttaagt	atttaattgg	ttcaggaaaa	aaataaaatg	ctgggggggc	tgaaatctca	780
angggcccat						790

<210> 2666

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2666

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gagtgggaac	tctgatcatg	tgtctacatg	atgtctcaga	tttcttgctg	gaggcagcca	180
aactggccaa	ttatgccaag	tatcagcggc	tctgtgacac	cctttttgtg	atcttcagtg	240
ctgtttttat	ggttacacga	ctaggaatct	atccattctg	gattctgaac	acnaccctct	300
ttgagagttg	ggagataatc	gggccttatg	cttcattggtg	gctcctcaat	ggcctgctgc	360
tgaccctaca	gcttctgcat	gtcatctggt	cctacctaat	tgacaggatt	gctttgaaag	420
ccttgatcag	gggaaaggta	tcgaaggatg	atcgcatgta	tgtggagagc	agctcaaagg	480
aagaagatgt	gaccacctgc	acaaaaagtc	cctgtgacag	tagctccagc	aatgggtgcca	540
atcgggtgaa	tggtcacatg	ggaggcanct	actgggctga	anantaagggt	ggttgctata	600
gggacttcag	cacacatgga	cttgtagggc	cctggcaaca	tactcctctt	ggcccttcca	660
tatctactct	tntgtgaatg	ggagactgca	angcactgan	ggagtatcaa	aagaagcaaa	720
ttttttcact	tttgaaagaa	aactgncatt	ttgtntttaa	tagcctccaa	gttcntttt	779

<210> 2667

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2667

tatnntatca	agctcttggt	cttttgcagg	atccctcgat	tcgagaaaat	gtgggatcaa	60
gaaaaggacc	atttgaaaaa	gttcaatgag	ttgatgggta	tgttcagggt	ccggccaaca	120
gttctgatgc	ccttggtgaa	cgtgctgggg	tttgactggg	gggcggggac	cgccttgctc	180
gggaagggaag	gtgccatggc	ctgcaccgtg	gcggtggaag	agagcatagc	acatcactac	240
aacaaccaga	tcaggacgct	gatggaggag	gaccctgaaa	aatacgagga	acttcttcag	300
ctgataaaga	aatttcggga	tgaagagctt	gagcaccatg	acatangcct	cgaccatgat	360

gcagaattgg	ctccagccta	tg	cctg	aagagcatta	tccaggccgg	at	gagtg	420
gcgatatatt	tatcagaaag	att	aaaagt	gtgtccagtt	ttgcctgtct	ata	agatg	480
atagtaattt	accaagtgac	at	ttgcagag	aaacagggtg	acagttatcg	ttgtactttt		540
gtacaatgtg	aattttgtta	ataa	attatn	agggttgggt	tttttttnaa	aanangaana		600
nnnnnnnanga	aaactcgagc	ctctaaaact	atagtgagtc	gtntacgtaa	tcngacatga			660
taaaaacatt	gntgatttgg	caaccacact	ngaatgcatg	aaaaatgctt	atttngaatt			720
gngatntntg	ttattgacca	tatactgata						750

<210> 2668

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 2668

gnnnnnnnnnn	ntttaatant	tatcanctct	tg	ttcttttt	gcaggatccc	atcgattcga	60
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ttctttaata	ccaagtactt	cctattgaag	acagtggacc	agcacatgaa	gctggccttc		180
tccaaggtct	tgcgacagac	aaagaagaac	ccctctaate	ccaaggataa	aagcacgagt		240
atccggtact	tgaaggccct	tggaatacac	cagactggcc	agaaagttac	agatgacatg		300
tatgcagaac	agacggaaaa	tccagagaat	ccattgagat	gtcccatcaa	gctctatgat		360
ttctacctct	tcaaattgcc	ccanagtgtg	aaaggccgga	atgacacctt	ttacctgaca		420
cctgagccag	tggtggcccc	caacagccca	atctggtact	cagtccagcc	tatcagcaga		480
gagcagatgg	gacaaatgct	gacgcggatc	ctggtgataa	gagaaattca	ggangccatc		540
gcagtggcca	atgcaagcac	tatgcactga	gatgccttgg	ccatggcaca	aagagaaacc		600
agccaggaaa	aaccagacag	actttcacac	taaagaagaa	gccctccatt	tttttttttt		660
cttttttttta	ttgggggggag	tttacnaaac	ctttcaaggt	tgctttttgt	ttnaaaatat		720
taaaaagaaa	acnttttaaa	aaaaaaaaaa	aaaaaaactt	ggagcccttt	taaaactatt		780
agtgggggtcg	tnttaccnta	aaatnccana	cttgataaan				820

<210> 2669

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature.

<222> (1)...(789)

<223> n = A,T,C or G

<400> 2669

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gccccagccc	aggtggccaa	gcccacctcg	gcctcagaac	atgctgagca	cattttgtag	120
ggtggcacct	ttttatccaa	gttactagct	acacatcant	gtttaaagag	aaaaaagtga	180
ccttttcattt	ttttttcttg	aaacttgagg	aaacaagata	catactactg	at	240
tcttaaaact	aaatgcatga	ctgcagangg	tagaggtgta	tatttttcat	actgtggggc	300
aaagtatttg	tgctgctttt	tggagatgga	ctggaacgtc	tggtttctgt	ccccngggcc	360
ggcagctacg	tctattttct	gtanaaggtg	ccacagttag	acctggagcc	accccttnct	420
gccttgccgc	cgtttanagc	tgggancccg	tggactcccg	gcctgtttct	accttctatt	480
caaccactct	gacgtgggga	gacaaaaaca	aataaaactt	tttgatagtg	tggtaaaaac	540
attgatttga	actatttttag	taaaaggagt	gacaaacaag	aatgtgatag	tgtctacttt	600
gagctaaata	ataaangcct	ctttgtgaac	ctnctgggnt	ttanngcang	gcnnnaaagt	660
tttttnaaaa	atgngnannn	aaactnganc	cttnaaaaac	tntanggagg	cgtnttcctt	720

tantncccgga catganaaaaa aaattgat gnggtttngg ncaaaccccc aaanaaan  
gccgtggna

780  
789

<210> 2670  
<211> 780  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(780)  
<223> n = A,T,C or G

<400> 2670		
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tttacagcgc cttgtgcagc cttagatttt aatattcttt tgtcattggt acatctcata		120
gagtaaagct cttattacct tgatcctgag tcagaaatcc cacctgaaat cacctttttt		180
cccccttgat caaacatccc atccttcagc taccatactg ttgctacagg gattttgtgg		240
actgtggccc ctgtcccgag gttggcncct tcagttcagc acagcctgag cagtgagaag		300
gtctgaaagg agagtatata gntaagatcc ttgagaaagg gctgcctgag gaactgacct		360
cttaaagatc tcaggatctt taagacaaca agttagggtc ctactggagt tacctgccag		420
aatggcctct taattaactc angtaatgaa gagctaactg tgttataatc atcttgcttt		480
tgctgaatt tggagaaagt attataatta aagttcccag tatcagaaat gtccttacat		540
aagattaaaa tatcttggtg actaatacca ttctatgaga aagagtagtt atttgcccag		600
actgtattaa tttacttttag aaactaatgt ttgaagtaat ggaaaaaatt ttaaattatn		660
aagctaaggg caataacatt tgctacttat ttatagaatt atttgaaaaa atttgntttg		720
aagtaatgct ttaaggagtn taagatatcc aagataaatt atactatnaa atgattttatt		780

<210> 2671  
<211> 749  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(749)  
<223> n = A,T,C or G

<400> 2671		
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gtcctatgcc ctgcgccatg gggccttgaa gctggggctt cccatgggag ctgatggctt		180
cggtcccctg ggcaccctcc tgcagttgcc ccagttccgc ggcttctctg ctgaagatgt		240
gcagcgcgtg gtggacacca ataggaagca gcggttcgcc ctgcagctgg gggatcccag		300
cactggcctt ctcatccggg ccaaccaggg ccattccctg cangtaccta agttggagct		360
gatgcccctg gagacaccgc aggccttgcc ccgatgctag tccatggtac attctggaag		420
cactggccat ccacccctact caaaggcctg tectgccagg gaaggacgca cattcacctg		480
gccccaggac tgctggagc cccggtatca tcagtggcat gcggncccat tgtgaaatag		540
ctgtgtcatc gatggaccct ggctctggca gatggaatac ccttcttccg ttctgccaat		600
ggggtgatcc tgactccang gaatactgat ggcttccctc ttccaagtc ttaangangn		660
cctgancttc nccttaccga aagcccttcc cttggctggg gatgaaaaa caantgtcan		720
aatancccca agcacagtcc canaaaaag		749

<210> 2672  
<211> 782  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 2672  
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 ttcttgagta gctaggacca cagggtgtgca ccaaccacac ccgactaatt tttggtagag 180  
 atgagatccc actatgttac ccaggctggt cttgaaactcc tgggctcagg tgatcatcct 240  
 gccttggtt ccaaagtact gggattatag gcttgagcca ccgtgcctgg cctgtgatca 300  
 gaattctcat ttttttagtc actaaaaatg ctgggggggc actccattct ccattatgtg 360  
 attaagttca cattgcatgc ttgtatcaaa acatcatata taccacacaa atatatacaa 420  
 aaaactttaa aattttaagt attaattgct cangaaaaaa ttaaaatgct ggggtgctga 480  
 aatctcaagg gccccattac aaaactcctt angaacctcg ccctcttntg ctgtaaggac 540  
 tggttccaga atgagagaat taaaagacat tcccgcacaa atgtcataat gtcaccccg 600  
 aaacctgcga atatgttata ttacatgacc anggagaant aagggtgcan atggcagtaa 660  
 ggggtgctaat gggctgacct taananaagg agatgatcct ggattatctg gngggaccca 720  
 atgtaatcac aagggtcctt actggggaaa atgaggnggc tgatcaaaaag caantgatca 780  
 tg 782

<210> 2673  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 2673  
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 tatctctcac aatagtaata atgggttaca ttgactacct tgtnggagtt ccattctcta 120  
 aacttcatgt tctgaaaaa tttgagccta ctcatccaga gagaggggtg atcataagcc 180  
 cactgggaga taatccttgg tggaccttat taatagctgc tattcctgct ttgctttgta 240  
 ccattctcat ctttatggat caacaaatca cagctgtaat tataaacaga aaggaacaca 300  
 aattgaagaa aggagctggc tatcaccttg atttgcctat ggggtggcgt atgntgggag 360  
 tttgctctgt catgggactt ccattggttg tggctgcaac agtggtgcaa taagtcatgt 420  
 caacagctta aaagttgaat ctgaatgttc tgctccaagg gaacaaccca agtttttggg 480  
 aattcttgaa cagcnggtta caaggcta atgattttatt ctaatgggcc tctctgtgtt 540  
 catnacttca gtcctaaaga ttattccaat gcctgttctg tatgggggtt ccttttatatg 600  
 ggagtttcct cattnaaagg aatccagtta tttgacctgt atnaaatatt tgggaatgcct 660  
 gcttaagcat cagcctgatt tgatatacct ncgttatgtg ccgctctgga aggccatatt 720  
 ttacagtcac tcagcttact tgtttggtcc ttttatnggt gataaaaang 769

<210> 2674  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 2674

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agctaccgcg	cccggcctat	ttacttttct	tactaagctg	gggatcaccg	tcgccctcgg	180
cttggcgagga	aggcgggggt	gcaagaagaa	aagaggtaca	gaacaccag	aggtgccttc	240
gattccgtct	tgcacttgcc	cttctcccac	cgtccagcaa	taaagcgaga	gaaacaagtg	300
caggaaactg	gccggcagtc	atggggagaag	ccaaaaagac	aggagttcag	tggcatgacc	360
agggtcact	gcaaccttga	tctgggctca	agtgatcctc	ctacctcaac	ttcctgagta	420
gctaggacca	cagggtgtgca	ccaaccacac	ccgactaatt	tttgtagaga	tgagatccca	480
ctatgttacc	caggctggtc	ttgaactcct	gggctcaagt	gatcatcctg	ccttggcttt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcttg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660
attgcatgct	tgtatcaaaa	cattatatnt	tccccncaa	atttntncca	aaaactttta	720
aattttaagt	atttaattgg	ttcaggaaaa	aaataaaatg	ctgggggggc	tgaaatctca	780
angggcccat						790

<210> 2675

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 2675

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gtctcctggg	ctcaagcgat	ccgcccgcct	cggcctccca	cagtgtctggg	attccaggcg	120
tgagctaccg	cgcccggcct	atttactttt	cttactaagc	tggggatcac	cgtcgccctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agaggtgccc	240
tcgattccgt	nttgcaacttg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgcaggaaac	tggncggcag	tcatgggaga	acaaaaaga	caggagttca	gtggcatnac	360
canggtcac	tgcaaccttg	atctgggctc	aantgatcct	cctacctcag	cttcctgagt	420
agctangacc	acaggtgtgc	accaaccaca	cccgactaat	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	attataggct	tgagccaccg	tgcttggcct	gtgatcacia	ttctcatttt	600
tttantcact	aaaaatgctg	gggggcactc	cattcttcat	tatgtgatta	gatcacattg	660
catgcttgta	tcaaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaattt	720
taagtattaa	ttgctcanga	aaaaaataaa	ngcttggggg	gctgnaaact	tnaagggccc	780
catt						784

<210> 2676

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 2676

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tgagctaccg	cgcccggcct	atttactttt	cttactaagc	tggggatcac	cgtcgccctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agaggtgccc	240
tcgattccgt	nttgcaacttg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300

tgccaggaac	tggnccgag	tggaga	acaaaaaga	caggagttca	gcatnac	360
canggtcac	tgcaacctg	atgggctc	aantgatcct	cctacctcag	ctctgagt	420
agctangacc	acaggtgtgc	accaaccaca	cccgactaat	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	attataggct	tgagccaccg	tgcctggcct	gtgatcaca	ttctcatttt	600
tttantcact	aaaaatgctg	gggggcactc	cattcttcat	tatgtgatta	gatcacattg	660
catgcttgta	tcaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaat	720
taagtattaa	ttgctcanga	aaaaaataaa	ngcttggggn	gctgnaaact	tnaagggccc	780
catt						784

<210> 2677

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 2677

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cgctgtttgg	ggatgtggcc	atgggtgggtg	aattcttgag	ctgttattct	gggctacttt	120
taccagatgc	tcagtatcct	attactgctg	tgtcccttat	ggaagccttg	agtgcagata	180
agggtggctt	tttatacctt	aacaggggtg	tggtcaccc	cttacagacc	ctcctacaag	240
atgagatagc	agaagactan	ggtgaattgg	gaatgaagct	gtcagaaatc	cccttgactc	300
tgcatctgt	ttcagagctg	gtgcggctct	gcttgcgag	atctgatgtt	caagaggaaa	360
gcgagggctc	aaacacagat	gacaataaag	attcactgca	tttgaggata	atgaggata	420
agatgagttc	ctagaaaagc	tggagacctc	tgaatttttt	gagctgacgn	cagaggagaa	480
gctacagatc	ttgacagcac	tgtgccaccg	gatcctcatg	acatactcag	tgcaagacca	540
catggagacc	cacagcaa	gtctgcacag	ttgtggaang	aaccgcttgc	tgtgtttgaa	600
aggaagaaaa	tgattaagaa	gaagagcnn	antaaccgn	aaaccgggaa	agaaaatggg	660
aagnccaaaa	aaaaaaaaa	aaaaaaaact	cgaacctct	taaaaactat	nagtnagggt	720
ccgtattacc	gtttgaatnc	nggacnttga	atnagaaacc	attggatgga	gttttggnc	780
aaaaccccaa	ncttagaaat	ggcngnggaa	aaaaaatg			818

<210> 2678

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(875)

<223> n = A,T,C or G

<400> 2678

ttannnnnta	tacaactact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
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ctgccgcctg	acctgtgtc	caagagactc	caggctgagc	tggctgaccg	acccaatccc	180
cctaccgcgc	ctctgcccgc	tgaccgggtg	gtgagaagcc	cgaagtctca	ggggccagcc	240
aagccccac	cccaaggaa	gccactgcct	gccgaccccc	agggccgggtg	cccatcgggt	300
gacctgccgg	cccaggggt	ggaatccgc	ccctagtgg	accctccaga	ccaagcgcca	360
ccgncttga	cagtgtctc	gctctacctc	tgacctctcc	ggagggtccg	ctgctccaag	420
ccggacttaa	ggcttcaaga	ggcgggcgtg	ccctctggag	tcccctacca	tgactgaagg	480
cgccagagac	tggcgggtgc	ttaanacttc	gggcaccgcc	acgcgctgtc	aagcaacaac	540
tctgcggacc	ttcccggcgt	aatttgcaac	cgggggcttg	ggggaagggg	cttggggggt	600

tggaaccggg	attgaaggaa	agcgcga	caaacctggt	ctttttgntt	caactgcn	660
aataaaaacg	ttgnacaatt	ntggggga	agccggtttt	nnnnnnnnan	aaannnnnn	720
nnnnnnnnnn	nnnnnnnnna	anncccttcg	aagccctttt	taaaaaactt	tttaggggag	780
gtcgnantta	acgttnnaat	nccnaaaacn	ttgattaaag	aataccattt	ggttgaaatt	840
ttgggggacna	aancccca	anttagaat	ggcgg			875

<210> 2679  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

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cgtnctctcc	gcaacagccc	ggcgggtcga	attcggcacg	agtccaagag	gagaagcatg	120
ttccaaaacc	cttaactttg	ggaatttaga	actagctttt	ttactatctt	ctgcacagca	180
taacttcagt	ctccctttac	taattcaagg	aaatctcagt	gaacaaattg	tataagggtta	240
gatgagctaa	aagctcactg	agtcattaat	ttgtcataac	tcactctaat	acaatgatta	300
ggcttggtga	ggtgtcccta	gtttctcttt	ctaaatcatg	tcttagtagg	gacagagcaa	360
taatggtgga	tcgtggcaac	gggaaggaag	atgatgtgtc	agttatctat	tgctgtatga	420
cagtcacaaa	accttagtac	ttactacaga	aacaatgatt	tgtcacattt	tgtgggttgt	480
ctggatgggt	gttttgctta	tatggtgcag	gctgagatta	ctcatgcagc	ttcacagttc	540
ttttgcttat	atggtgcang	ctgagattac	acatgcagag	gaaagatggg	ctctgntcct	600
cattcgtatg	cctggggcct	tggtgcgggt	tgtggcaatg	gcgtcttggn	tctccatgtg	660
ccgntctctc	agcaggataa	cctgtntttt	tctcacacca	tgacactggg	gttccaggan	720
natcaancca	nnancngcta	naccattan	naactaggcc	ccaaaanttg	ct	772

<210> 2680  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

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aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	gaaaaactct	120
tctggacatt	ggcctaggca	aagaatttat	gatgaagacc	tcaaaaagcaa	acataacaaa	180
accaaaaata	gacaaatgag	atttaattag	aaaaacttct	gcacagtaaa	agtaataatc	240
aacagttaat	agacaaccta	tggaatggga	gaaaatatat	gtaaattata	catctgacaa	300
agaactaata	tccagaatct	acaaagaact	cacaagaaaa	aaaccaaccc	cacaagcggg	360
caaaggacat	gaacagacat	ttcccaaaag	aagacataca	agcaacctaa	aataatctaa	420
aataattttt	aaaaagaaaa	aatgcttgac	agagttttga	tagtacttag	taaaaagtta	480
tatctagtgg	ctttttgntt	gnttggtttt	gntttggttt	taagaggtag	tctctgtttc	540
ccagctggag	tgcaagtggc	caatctttgg	ctcgctgcgg	cctcgaaactc	ctgggctcaa	600
gcgatccttc	agcctcagcc	tnccaagtag	ctgntatagg	catgcccccc	ccttccgact	660
natnatctgc	tatcaataca	taatggttnc	ctttggctta	tttangaaat	aacactttta	720
tgcttttgaa	aaaaaaaaaa	aaaaaaactc	gagcctntan	actntgtg		768

<210> 2681

<211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 2681  
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 gcagagccca agtttcaagc tttccctgtc cagtggaaacg aagactaacc tcaccagcca 120  
 gtcattctaca acaaattctgc ctgggttctcc gggatcacct ggatccccag gatctccagg 180  
 ctctcctgga tccgtacctt aaaatacatc tcagacggca gctattacta caaagggagg 240  
 cctcgtgggt ctggttagatt atcctgatga tgatgaagat gatgatgagg atgaagataa 300  
 ggaagatacg ttccattgtc aaagaaagca aaatttgatt cataataatg gcaacggcct 360  
 angatcagta cctgttgaaa aaaactgggt ctccaccctt ccccatatac aaatccacaa 420  
 aaaagcgcag tgggtctcttg tgaatgactg acacagatca gcctcttaca cttgacttct 480  
 gctcatcaag tgccaattca atggagcagg aggaggggat atcatatatt taggggaaaag 540  
 acttaagcct ttgagctctc cagcttggac cacacattgc cttttntna ggggaaggaaa 600  
 tggaacaaa aagccaacag ggcaggggtt ttgtaaagtg gaactcttgg attgactggt 660  
 cagttgctac aatcaaaaata tgcttcttg gaccatgttt gagactcaa anaatgggcc 720  
 ttctgncata attctttact tagtcaagaa tgccacagtt tcttttgtnt aaaaaacctg 780  
 nctttnaaat 790

<210> 2682  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 2682  
 cagcncttgc tctttgtgca ggatccctcg attcgcccaa atggacactt tgcttgcagg 60  
 tgatgtgcc gaatgaatac ccaggtagag ctccacctat ctaccagttg aatgtctctt 120  
 ggcttaaagg gcaagaacgt gcggatttat caaatagcct tgaggaaata tatattcaga 180  
 atatcgggtga aagtattctt tacctgtggg tggagaaaat aagagatggt cttatacaaa 240  
 aatctcagat gacagaacca ggcccagatg taaagaagaa aactgaagag gaagatgttg 300  
 aatgtgaaga tgatctcatt ttagcatgtc agccggaaaag ttcgggttaa gcattggatt 360  
 ttgatatcag tgaaactcgg acagaagtag aagtagaaga attacctccg attgatcatg 420  
 gcattcctat tacagaccga agaagtactt ttcaggcaca cttggctcca gtggtttgtc 480  
 ccaaacaggt gaaaatgggt ctttccaaat tgtatgagaa taagaaaata gctagtgcc 540  
 cccacaacat ctatgcctac agaataatatt gtgaggataa acagaccttc ttacaggatt 600  
 gtgaggatga tggggaaaca gcagctggtg ggcgtcttct tcatctcatg gagattttga 660  
 atgtgaagaa tgtcatggtg gtaagtatca cgctggtatg gagggattc 709

<210> 2683  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)



<223> n = A,T,C or G

<400> 2683

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ctgggtgctgt	ttttatatag	tgaagcaaca	gctgtcagca	aaataataaa	atactcactt	120
cttcgttaaa	aaaaaaaaaa	tttacttctt	acaattcttg	aggccaggaa	gaccatgatc	180
aggtgccagc	atctgggaag	ggccttcttg	ctgtcctccc	atggcagaag	atggaagggc	240
aagggagagc	taacatgctc	ccgcaaacc	tttttataat	ggcatcaatc	aaatatgagg	300
ccagagtcct	tgtgacctaa	tcatctccca	gaaggctccg	cctcccaacc	ctgttgcat	360
gggattaagt	ttccaacaca	tgaattgtgg	agacaacaca	ttcaaaacat	agcattccac	420
accttgggct	ccccagattc	atgtcctcac	atgcaaaata	aattcattcc	atcccaatag	480
cccctaaaaa	gtcttaactt	gttccagcat	caacttttaa	gtcaaagtcc	aaagtctcat	540
ctaaatcaga	tatgagttag	actcaaggca	tgattcatca	tgagacaaan	gatgtacatt	600
tgcaatgttt	gtcatgtcag	acaaaacaaa	aatatgtaaa	tatccatcaa	tangggaaact	660
gctggaaaaa	tttttttgn	taatcataaa	atgaaacatg	ccgatgttta	aaccaatgga	720
gctagatctc	aacgtgctga	tattggaaat	gcttcaaaat	gtnttaangg	acataaaata	780

<210> 2684

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2684

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ggcacgaggg	gagactgggg	tctatttcac	ccctgcagtc	tcgaccataa	gagatggcta	120
caccaggggg	ggccagttca	gagaccact	cccaggtgtg	cattctcttt	ctcaaggatg	180
ttccttgctg	agaaaaagaa	ttcagtata	tttctcccat	ttgcttgatg	aagaagagaa	240
atgtggcttt	gttccacctg	gtccaccggc	ggcagaattt	aaggttatct	ctcttgtttc	300
ctaaacattg	ctgttatcct	gttctttttt	caaggtgccc	agatttcata	ttgctcaaac	360
acacatgctg	tataatttgt	gcagttaatg	caattattac	agggtcctga	ggtaatatac	420
atcctcctca	gctgacagga	ttgagagatt	aaagtaaaga	caggcatagg	aaatcacaag	480
ggtattgact	ggggaagtga	taagtgtcca	tgaaatcttt	acaatttatg	tttagagatt	540
gcagtaaaga	cangcataag	aaattataaa	aagtattaat	ttggggaaact	aataaatgtc	600
catgaaacct	tcacaatcca	tgtttttctg	ccatggcttc	aaccagtccc	cccgtttggg	660
gtcctgactt	nctgcaacaa	tgtcctgcag	gaaaagtttt	tctttatata	cagttttttac	720
atgatgaata	tttccaatat	tcatagttat	gangctgaat	nctcttgaat	ttatnaa	777

<210> 2685

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2685

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ataacaagaa	aaccatttaa	tgtaaagatt	tgtaaataat	cacttcaaaa	gaagtgcctt	120
gttgctgtca	catttagtcc	atcttcatat	aattcttata	tgggccagtt	tcttgggcat	180
gggacatgtg	cagttacaca	agcctgtgct	cttaagaggg	tcttaccat	agtttaattg	240

tctgctgttg	tagtcttgaa	atctaatg	atttaacaag	gggtcctcca	ttctat	300
gcactgggcc	ctgcaaatta	catgccat	cctgatttct	acaactatag	aatgcacaa	360
tgggaattcc	atatggatta	ataatatgtg	acacttacgg	ctttttctat	acgttccaa	420
gtacttcata	taaattactt	catttcattc	aatggtagaa	ttggtagatg	cttaactttt	480
aatgaaagac	aaagtcagat	tcactctaag	gattaaaaaa	tatatgtaac	attacatttt	540
aaagattttc	aaaaacaatt	tgttgtggaa	atgaattatt	gncatgagat	atnccccact	600
agacggactt	cctgtanggt	cangggtcct	ggctctctgt	anggatgaac	caagcttttc	660
ttgaanggcc	angtgctaag	tgtctcaagc	tttgtctgtt	aaggactacc	cactctgctg	720
gtgtagcaag	gaacacantc	ggttcgagcc	agatnctcaa	atgancaagc	ctntt	775

<210> 2686

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(899)

<223> n = A,T,C or G

<400> 2686

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cctacgagga	tgtggttcac	cgcccaggca	caccaccccc	cccttatact	gtggccccag	120
gccgcccctt	gactgcttnc	agtgaacaaa	cctgctgttc	ctcctcatcc	agctgccttg	180
cccactttga	aggaacaaat	gtggaagggtg	tttccctcca	ccagagtgcc	ccccctcatc	240
aggagggtga	gcccggggca	ggggngaccc	ctgcctncac	acccccctcc	tgccgntatc	300
gccgtttaac	tggcgactcc	ggtattgagc	tctgcccttg	tctgcctcc	ggtgagggtg	360
agccagtcaa	ggagggtgagg	gttagtgcca	ccctgccaga	tctggaggac	tactcccgtg	420
tgccttaccc	ccanagtntg	taccgcanat	ctttcccatg	gggctgtctt	ncagtgaag	480
gggacatncc	ataatagttt	tganagggtg	gatgggttac	tttgcccacc	aaaaacagcc	540
cttagtncca	acttccttgc	gtttcctttt	ggccccctcc	ttgccttacc	ttaaaaaatt	600
ttgccttgaa	aaagggcttt	gggaaaangg	ggcaanaaat	ttgggggggg	aacttgggtg	660
ntaanccttt	ttaaccccc	ccgcnnngga	acaattacaa	ccanggggaan	cccttttggg	720
atccttccan	tttaaaaaana	aaaatgtttg	gaaaccccaa	aaaaaaaaaa	aaaaaaaaaa	780
aaaaaaaaacn	ttcggagncc	ccttttttaa	aaacnttttt	aggggggggg	cccnttnntt	840
taacctttaa	aaatncccc	nnccttggnt	ttnggnaanc	cccttttggg	tggaagttt	899

<210> 2687

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2687

nnntttnnnn	nntttaatat	ttatacacct	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaaaacctgc	tgtcaaggct	tgaagagccg	gcacactcaa	tggcaaacac	agcaccgagt	120
ctgctctgaa	tcttgaggga	tctggccctc	ctctcaacct	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcatc	agtcagggtg	cgtaagcctt	gaataccagg	240
tagcctcagg	agtgaagaaga	taaatgtcct	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggatgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtattttac	attttataaa	atgacttaaa	aatttgaagg	catttttgag	540

catttccaat	tatatggaag	agtttct	acggaatagt	ttttgtcat	ggcaaa	600
cagatgaagc	accactgtta	cagataatg	tgctccagat	gaaaatgtct	cgttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccacc	ctcn					794

<210> 2688  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

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agtatgagaa	gggaggatgg	gggagaatct	gattaaaaaa	aatgattcat	tccttcacag	120
acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatggttg	180
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tgttggctct	240
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gntgggtttt	300
tctttctttt	tttttttttt	tcctctgngc	atcctanaaa	aactcccagg	actagactta	360
ggaggaggca	atcaagttat	gtggtaaaac	aagagtgcct	tttctgttgg	atatccactt	420
tagtttcctg	gcttccaggg	cataagatgt	ttanaaaact	tttttctcta	aacataagaa	480
ttattgtgtc	cacaattttg	aaccaccgat	ttccatatct	tcagcagcta	tcaacttgcc	540
aattcccttt	gggtctcctt	tgnatattct	tatgtttcct	tctgnttcca	ggtgcctcaa	600
aaagagttga	ggggggcatg	actcttataa	aatggataaa	aatgaactgt	acagatgttt	660
gcctccttgt	tctgtgagca	tgactctatc	angctggaaa	ancgctttat	cattttggat	720
atttgaccat	tttggattca	gcattacttg	actccttatg	tgcnttggca	atggtt	775

<210> 2689  
 <211> 1157  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1157)  
 <223> n = A,T,C or G

nttnctnng	naaaaaaccc	nccnttttaa	aantttcaaa	attccccccc	cntttttttt	60
ggaaccccc	cnttttgncn	aaggaaaaaa	cccccaannc	agnaacttnt	tttaaantna	120
cgggggacca	caggaggcc	aggcaccctg	tcccaaattg	cccggnacnt	ttttatttaa	180
ccacccaaac	aagaaaacng	agaantacgc	caccccggn	annggccaaa	aggnagnaag	240
gngggaacaa	gcntnacnt	gtgnctngca	acanacangn	gtggcnngaa	ancanccagg	300
actnccggt	acatcaaate	gcccannngg	cgncnncat	gttcttaacc	anccggaata	360
ggggacaate	aattggttgn	cntttgngcc	tgccgaaaag	ctagctgggn	anatctgcn	420
ggttaaataa	gccccnttaa	acggaagggc	anangggggn	aacnnaanaa	ggttangcca	480
ttcccgccca	ccggaatgaa	gnaatgggga	ancccgctt	ggngggggna	agtcangcan	540
aaacggcttg	acgnaaaaac	aaanccattc	ncccccaant	tnngtnaang	gnncccaang	600
aaatnccncc	acngncnaag	ncccccnngg	gcnaatgnnc	ccaaatcccc	tcccattttn	660
atnttatgna	aaccaccttt	ngggggaaaa	aaaaaaaag	nccntttntt	ngaaaggaaa	720
gggttgcccc	attgggctat	gggaaggngn	ncnncccaa	attanaaaan	ttnnnggnga	780
naaaaaannn	gggcncccc	gntttggggg	ncgncttttg	gcaaaccacc	ccccgtgccc	840
ccaaaaangc	ccaatgggta	ntccctaaaa	aaaaaagttc	cccnttttng	tgggaaaaan	900

cccccgaggag	agggccccgn	g	caaagg	gggaanaatc	ccaaaaaaa	atccta	960
naanggccaa	angnggtnt	n	naaann	nnggnaatng	ncaaaaggnn	gggaannaa	1020
accnttgggg	anggcnga	at	ccccctg	gaaaaacccg	ggggggnncc	cctcncgna	1080
ananaaaaaa	aaccnnttca	a	acnngggg	gcntcncgg	ggtgcccgga	acncttttg	1140
aaaagatcca	cnncccg						1157

<210> 2690  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 2690							
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aacttcatgt	tcctgaaaaa	tttgagccta	ctcatccaga	gagagggtgg	atcataagcc		180
cactgggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta		240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aaggaacaca		300
aattgaagaa	aggagctggc	tatcaccttg	atttgctcat	gggtggcggt	atgntgggag		360
tttgctctgt	catgggactt	ccatggtttg	tggctgcaac	agtgttgcaa	taagtcatgt		420
caacagctta	aaagttgaat	ctgaatgttc	tgctccaagg	gaacaaccga	agtttttggg		480
aattcttgaa	cagcnggtta	caaggcta	gatttttatt	ctaattgggc	tctctgtgtt		540
catnacttca	gtcctaaaga	ttattccaat	gcctgttctg	tatgggggtt	ccttttatatg		600
ggagtttcct	cattnaaagg	aatccagtta	tttgaccctg	atnaaatatt	tgggaatgcct		660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt		720
ttacagtcac	tcagcttact	tgtttggtcc	ttttatnggt	gataaaang			769

<210> 2691  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 2691							
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ggtgtcattg	cacatgcctg	cagtcctggc	tactagggag	gctgaggcag	gagaattttt		120
tgcacccaga	agttcaaggc	tgcagtgagc	tatgatcaca	ccatggcact	ccagcctggg		180
caatagaatg	agacccagtc	tctaaaaaag	tagaagttaa	aaaaaaagat	taagaataga		240
tgtagggcag	cagaatttcg	aacttctttt	cagcatcaca	atactttaaa	acagtgattg		300
tcctctgcct	caaaccattt	gcctctcaca	taggaaatat	tttgaaacat	attttttagt		360
accttgaaat	gaaattcatg	ataattaacc	catctacaca	cattttttaa	aatcaatata		420
gggccctaac	agcaatataa	aggggaaata	aaaagaaact	aattgtaata	aaataatatt		480
gatttcaata	agtacattct	agcccagtcg	ttataaattt	taatgtgcat	atgaatcatc		540
cagcattctt	attaaaatga	gattctagtt	cagtagattt	tggttcagta	ggtaagccct		600
gagatttggc	atttctagca	gctnctagat	gatgccca	ctgctgttta	gtaaagagca		660
tactttgagt	agtaanggcc	gaaaagtata	aaaaaaaaaa	aaaaaaaaaa	aactcggcct		720
ctanactata	ggagtcgtnt	tacgtanatc	cngactgata	agatcattgg	tgagtt		776

<210> 2692

<211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 2692  
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 ctgcttctcc agggagccct ccctcactgg agactgggat ttagcaacca agacctgggc 120  
 actggctgtg cttgtttgctt ctggggccctc ctggggacaga gctgggaagt ggatctatga 180  
 cactgtgcttg tgcattttacc cgccctgttg gtttctgtag ctgtctagtt cctgctgttc 240  
 ctgtctcacc tgccccccttc cttatgtgta gtttcttccct gtgacagga gaaacctggc 300  
 tctcagattg acaggacatt cgcttaggcc atgtcagtg ttaggtgaa ctgttcaacc 360  
 tgtgccccag ggaggcgag tcaactatgga ggcaccttac ttccttaate gtgtactgg 420  
 gtttttgtgt ttgacctgta gcatctaagt actggtttca aaagttgcct agatgagttc 480  
 ttttctttct ttcacctcct gcaaattatg tgatttgcata aatttgtaca taagttaggt 540  
 tcaattgtta gtttgtattc cttttggctt ccccatatc ctggttgact ttttctttct 600  
 tttgtaactt acatatgtta tgaaattata tgaggatata taatttcata aatgtttatg 660  
 gggtacatgt attaatgggt attattaaaa ncacctggg attgactggc caaccatttg 720  
 gtggaagata gcaataaata atacatcata aaagacttta atgtaaaaat aan 774

<210> 2693  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

<400> 2693  
 nnnnttanta tntntacagc tntcggctnt tgcacgaten catgatccca tnnattnnngn 60  
 ttaattccct gaatccctact tgaacattgt ataaatttct ctttgcata aatacatatt 120  
 tgtgaatgag acatattccc aaaaaattct tatctctgta tgtgattgga aaagaaaaga 180  
 tcacatttgt atattcaaca atctttcacc tatttcataa gtcatttttt caccctgtat 240  
 agtatgggaa ttatttttta tgttaaataa aaactgaatg tactgggttg aatgggtgtcc 300  
 tctccaaaat tcatgtactt cctggagcct cagaatgtga ccttatttgg aaatactgng 360  
 gttgtgggtg taagtagcta agatgangtc atactggagc agggcaggcc cttaatccaa 420  
 tatgactggt gttccttata aaaaaaagat aanggggggc atggnnnggt caccgctgta 480  
 atcccagcac tgtgggaggc caagccaggc aaatcgcttg aggtgagga gttcaagacc 540  
 agcctggccc aacatggcga aaacccatct cttctaaaaa taaaattagc catgccgtgg 600  
 tgcttgtaat gtcagctacc ccaagaatct gangcaciaa gaatcacttc gaacctggga 660  
 agnggaggtt gccanaaccc caccactggc actncagtgt ggagcaacia aaccgagact 720  
 cttgtcttca aaaaaaana nannaaannn nnnnnnnanc ctgnancct ttaaaacttt 780  
 agggaggccg tntttacgta natcccaaac atggat 816

<210> 2694  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(786)  
 <223> n = A,T,C or G

<400> 2694  
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 tgaggagtgt ttaatcattg atacagaatg taaaaataat agtgatggaa agacagctgt 120  
 tgtgggttct aacttaagtt ccagaccagc tagtccaaat tcttcctcag gacaggcttc 180  
 tgtaggaaac cagactaata ctgcttgtag tcctgaagag tcatgtgttt taaaaaaacc 240  
 tatcaaacga gtatataaaa aattgatcca gttggagaga ttttaaaaat gcaggatgag 300  
 ctcttaaagc caattttccag aaaagtacca gaattgccct taatgaattt agaaaattct 360  
 aaacagcctt ctgtttctga gcaattgtct ggtccttcag actcctctag ttggccgaaa 420  
 tctggatggc cttctgcatt tcagaagcca aaaggacgat tgccatatga acttcaggac 480  
 tatgttgaag atacatcgga atacctagct cctcangaag gaaattttgt ttataagtta 540  
 tttagcctgc aagacctgtt gttactcgta cgctgcagtg tccagaggat agagacaaga 600  
 ccacgttcta aaaaaccgga agaaaatcag aagacaattt ncagtttatg tnctacccaa 660  
 agtagagtat caagcttggg tntggagttt gaagctcttg actgaaagtg gactttgtcg 720  
 cttatngact ggaaagttaa ttgctttcca ccagctcatt ttatgtttgg gcatatcgat 780  
 gccntt 786

<210> 2695  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 2695  
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 tgaggagtgt ttaatcattg atacagaatg taaaaataat agtgatggaa agacagctgt 120  
 tgtgggttct aacttaagtt ccagaccagc tagtccaaat tcttcctcag gacaggcttc 180  
 tgtaggaaac cagactaata ctgcttgtag tcctgaagag tcatgtgttt taaaaaaacc 240  
 tatcaaacga gtatataaaa aattgatcca gttggagaga ttttaaaaat gcaggatgag 300  
 ctcttaaagc caattttccag aaaagtacca gaattgccct taatgaattt agaaaattct 360  
 aaacagcctt ctgtttctga gcaattgtct ggtccttcag actcctctag ttggccgaaa 420  
 tctggatggc cttctgcatt tcagaagcca aaaggacgat tgccatatga acttcaggac 480  
 tatgttgaag atacatcgga atacctagct cctcangaag gaaattttgt ttataagtta 540  
 tttagcctgc aagacctgtt gttactcgta cgctgcagtg tccagaggat agagacaaga 600  
 ccacgttcta aaaaaccgga agaaaatcag aagacaattt ncagtttatg tnctacccaa 660  
 agtagagtat caagcttggg tntggagttt gaagctcttg actgaaagtg gactttgtcg 720  
 cttatngact ggaaagttaa ttgctttcca ccagctcatt ttatgtttgg gcatatcgat 780  
 gccntt 786

<210> 2696  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 2696  
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ggccgagggga	gacggtcggc	agcagtg	gcggtctggg	gcggatgggg	cgccggcc	120
gcgggcctgg	taacattctt	gctgcaact	tgccgcaggg	ccaacttgac	cgccggggcc	180
ctgggtccggc	cgggtgcaag	ttcaattgag	aacttttttg	acggaagagg	ggaccaaacc	240
attccaagtg	ggagtggaa	tcctcagctg	cttcctcaag	ctgcacacca	ccagccacct	300
tcacagtgac	tttggtgagt	gtcaaaacat	ctcaaggaaa	tttctcctct	tctctncatg	360
gaggctatgg	cattggtact	gaagagagga	aacttaccca	agaaaccact	tatncaaata	420
cttacatttt	tgacttggtt	ggangtggtg	atcttcttgt	agaaattctt	atgangccta	480
cgatctctat	ncggggacag	aaactgaaaa	taagtgatga	aatgtncaa	gactgcttga	540
gtatcctgga	taatacctgt	gtctgtcaga	nggagttaca	aagcgtttgg	cagaaaagaa	600
tgactttgtg	atcttntctg	ttacattgat	gaccaagtaa	agaagacatt	nttacaacaa	660
gnaacccttc	attgaagata	ttttgggtgt	tnaaaangga	aatgatccga	ctngatgaag	720
tcaccaatct	gagtccttaa	nttccaattc	gatcaanaac	aantcgctta	atttttgccc	780

<210> 2697

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2697

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ctgctctgaa	tcctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcac	agtcagggtg	cgtaagcctt	gaataccagg	240
tagcctcagg	agtgaaga	taaatgtcct	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aattttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccaccc	ctcn					794

<210> 2698

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(696)

<223> n = A,T,C or G

<400> 2698

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gaagaactta	tcgattcctc	tcctctcagt	gacaaccaa	gaatggataa	attagagaaa	120
accaacagca	gcttacgcaa	acagaacctt	gacctccttg	aacagttgca	ggtggcaa	180
ggtaggatcc	aaagccttga	ggccaccatt	gagaagctcc	tgagcagtga	gagcaagctg	240
aagcaggcca	tgcttacctt	agaactggag	cggtcggccc	tgctgcagac	ggtggaggag	300
ctgcggcggc	ggagcgcaga	gcccagcgac	cgggagcctg	agtgcacgca	gcccagcccc	360
acgggcgact	gacagctctg	caggagagat	tgcaacacca	tcccacactg	tccaggcctt	420

aactgagagg	gacagaagac	gcagga	gagaaggaag	cggaagtgt	gcagcagg	480
gaggaaaccg	gcttgccagc	aagagattc	ttacgaactc	caacttgcaa	ttcagggggc	540
atgtcccagt	gttttttttg	ttgttttttag	atactaaatc	gtcccttctn	cagtccctgat	600
tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	atgcaactta	tgttttaaaa	660
aaaaaaaaann	nnnnnnnnnn	nnnnnnnnnn	nnnnnat			696

<210> 2699  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2699	
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tatctagaag	tggaaaaaca
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tcacttgagc	ccaggagttc
aaaaaagcaa	ctcaaaccat
gcctgtaatc	ccagcacttt
aagaccagcc	tggccaacat
gctggcctag	cagttggtgg
caggagaatc	gcttgaattt
cactccagct	tgggtgatag
cctntagaac	tatagttagt
gtttggacaa	accacnactn
	ggaatgcagn
	gaaaaaaaat
	gctttttt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	708

<210> 2700  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

<400> 2700	
tnctaanncc	ggctatngtt
ttgtgtgaga	tttgatcata
gctgacaccc	agtaggaagt
gtgaggagac	gcgtagggat
caccagggtg	aggcctgact
tttttccaga	atcgattttg
aaggcaaata	ctcaggggtt
ggcaggacac	ctgggatgga
caactctttc	actctgtaac
ctacttggat	aaaatcagtg
gagaatggta	ggaattgaaa
atggcagaaa	cactaaacta
aattctttgt	atattttaag
	gcaaataatc
	acttcacctt
	ctggtgcctt
	cc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	772

<210> 2701  
 <211> 777



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(777)  
<223> n = A,T,C or G

<400> 2701  
ttaacntnca gctacttggt ctttttgcag ggatcccatc gattcgctgg accgggtctt 60  
ggtgctttcc agctcagggc gttggtccac ttggttattc ttggggacca aaatccaagc 120  
taggatgggg acagaggcct ggagacaacc tgctggcctc cttccattaa agccattaca 180  
gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg 240  
agtctggcag ttagaagagt aaagtgcac tgtcaacaaa agaaatacca aagatgagac 300  
tacagcagcg acttgtcacc tcttccgtgt tgctactgcc tgagaacaga ggtttttagt 360  
ttcttttaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg 420  
tttactttct ggcctttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa 480  
aaggcataga acagtcaa atcacgtaggat ttcttggttt ctccatgcag gctcatcgaa 540  
tagcaaccat cctttcttag tttcttgaaa caagtacctt atttacattc agagaattat 600  
atgtggacaa acagctcata agcccgtact tttacatact cacttcctga attgcatatt 660  
gaaaaagaga gttcatgtaa agccgattat tatttaatct aaagttatgt tcacatagga 720  
agcactagt tagagaaata gggctctgang gacaaggagc ctgtgtgccc gtgtcgg 777

<210> 2702  
<211> 777  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(777)  
<223> n = A,T,C or G

<400> 2702  
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taggatgggg acagaggcct ggagacaacc tgctggcctc cttccattaa agccattaca 180  
gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg 240  
agtctggcag ttagaagagt aaagtgcac tgtcaacaaa agaaatacca aagatgagac 300  
tacagcagcg acttgtcacc tcttccgtgt tgctactgcc tgagaacaga ggtttttagt 360  
ttcttttaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg 420  
tttactttct ggcctttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa 480  
aaggcataga acagtcaa atcacgtaggat ttcttggttt ctccatgcag gctcatcgaa 540  
tagcaaccat cctttcttag tttcttgaaa caagtacctt atttacattc agagaattat 600  
atgtggacaa acagctcata agcccgtact tttacatact cacttcctga attgcatatt 660  
gaaaaagaga gttcatgtaa agccgattat tatttaatct aaagttatgt tcacatagga 720  
agcactagt tagagaaata gggctctgang gacaaggagc ctgtgtgccc gtgtcgg 777

<210> 2703  
<211> 786  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(786)  
<223> n = A,T,C or G

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<400> 2703
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cccccaaaa caagacggna aagtgaaaat acttcagata aacccaaaag aaagaaaaag 120
ggaggcaaaa atggaaaaaa tagaagaaac agaaagaaga aaaatccatg taatgcagaa 180
tttcaaaatt tctgcattca cggagaatgc aaatatatag agcacctgga agcagtaaca 240
tgcaaagtgc agcaagaata tttcgggtgaa cgggtgtgggg aaaagtccat gaaaactcac 300
agcatgattg acagtagttt atcaaaaatt gcattagcag ccatagctgc ctttatgtct 360
gctgtgatcc tcacagctgt tgctgttatt acagtccagc ttagaagaca atacgtcagg 420
aaatatgaag gagaagctga ggaacgaaag aaacttcgac aagagaatgg aaatgtacat 480
gctatagcat aactgaagat aaaattacag gatatcacat tggagtcact gccaaagtc 540
agccataaat gatgagtcgg tcctctttcc agtggatcat aagacaatgg accctttttg 600
ttatgatggt tttaaacttt caattgtcac tttttatgct atttctgtat ataaangtgc 660
accgaaggtn aaaaagtatt ttttcangtt gtanataatt tatttaatat ttaatggaaa 720
gtgtatttat tttaccanct cattaaacnt tttttaaacc aaaanaanac nntctnnnnn 780
nntccc 786

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<210> 2704
<211> 741
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

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<400> 2704
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cagtggctcg tgccgtgtaat ccagcattt tggagggccg aggcgaacgg atcacttgag 180
gccaggagtt tgaggctagt ctgggtcagca tgggtgaaacc ccgtctccac taaaacaaaa 240
agttttctgg atgtggtggc acacatacct gtaatcccag ctacttttgt ggctgaggca 300
tgagaatcac ttgaaccag aagacagggt gcagtgagcc aagattgtgc ccctgcattc 360
tagcctgggt gacagtgaga ctgtctcaa aaataaagggt gtacagggat tgtatatttg 420
acaacttggt atgtaggatg tgctacctct aatgttccat gctgttactt agttttcact 480
cactactata ttttgagat ttgttcatat tgctctgtgt acatttaatt cttcagtgtg 540
tatccaccac atttaactta ttcacttaca gaactatgca agaattttctc tggtaaattt 600
cactaagtac ttatgtactt ttcagaacga ttgtgagttt acaccctac cagcaggact 660
gagttgagta ccatttctc ccatncttg ccagtcttca tttgcctaatt tttgccattc 720
tcataatgtg gcaattgtca a 741

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```

<210> 2705
<211> 709
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = A,T,C or G

```

```

<400> 2705
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ggtaagttat ttgttaagtt agaaccctca gtgcatggtc tagggatctc tggaggtccc 120
caggaccctt tcagagaagc catgagggtca aaactgtttt cataagcaga accaaaacat 180
tatttgactt tttcaatgca ttggcatttg cattgatggt acaaaagcaa ggatgagtaa 240
aatgggtgat tccttagcgt gatcaagatg gtagtaattg tactagtagt cattgtattc 300

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ttcactgcc	caatttttt	ta	stacc	aattttaatt	aagaatgtta	gt	agttg	360
tttaaaagct	cagaactccc	at	aaaaaa	aatttaaaaa	agaatgtctt	tg	daagca	420
gcaaaaactg	gatgaatttt	attaactcta	gagccttgag	taaacatctt	ttcaggattt			480
tgtgtgttga	aatagaaagt	atgggccagg	tgcagtagct	catacctgta	atcctagcac			540
tttgggaggc	tgacgtgagt	ggatcgcttg	agcctaggag	ttccagacca	gcctgggtaa			600
catagtgaaa	accctgtctc	tacaaaaaat	acaaaaaat	tagctgggtg	tngtgggtg			660
cacctggtg	tgtcagctac	tttgggaagc	ttgaaggcaa	naaaggant				709

<210> 2706

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 2706

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cacgaggtgg	atacctctag	tgcaatttat	aagcaatatc	gtttacaaaa	ggttacagag	120
aagtatccag	aattgcagaa	tttacctcaa	gaactctttg	ctgttgaccc	aactaccgtt	180
tcacaaggat	tgaaagatga	ggttctctac	aagtgtagaa	agtgcaggcg	atcattattt	240
cgaagttcta	gtattctgga	tcaccgtgaa	ggaagtggac	ctatagcctt	tgcccacaag	300
agaatgacac	catcttccat	gcttaccaca	gggaggcaag	ctcaatgtac	atcttatttc	360
attgaacctg	tacagtggat	ggaatctgct	ttgttgggag	tgatggatgg	acagcttctt	420
tgcccaaaat	gcagtgccaa	gttgggttcc	ttcaactggg	atgggtgaaca	gtgctcttgt	480
ggtaggtgga	taacacctgc	ttttcaaata	cataagaata	gagtggatga	aatgaaaata	540
ttgcctgttt	tgggatcaca	aacaggaaaa	atatgaacat	gatattttat	agcttgggaa	600
gaaacttgca	gatgatatgt	gctgcctttg	cttcttatca	ttcatggcag	atgtttgtgc	660
tttcaacatt	tcatttgaaa	tgggagaaga	taaaatcact	tgatgtacct	ggaaactatg	720
ctttacatgg	caatcaaagc	cttt				744

<210> 2707

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (699)

<223> n = A,T,C or G

<400> 2707

naatcgctag	gctcttgttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcta	60
tgatcaggac	tgactaggta	gttggcatgg	cccatagaga	acaaggaaag	atgggctggg	120
ggattggccc	acctgggagc	cacatggggc	aaggggagcc	ctcaccctca	gccagccaga	180
cgagtgggat	ttcccccagc	acagcatacc	cccttcacaa	agggacaact	aaagtgtctc	240
attaagcaag	tcctggatcc	tgtgcccccc	aactgggtga	gacaccccaa	tgggtcacca	300
gacaccttat	acaagagcat	ttctactggc	atcaggtggg	tgccctctca	ggacagagat	360
cccagaggaa	ggagtggggg	ctcatctttg	ctgttctcca	gcactctctg	gtgacatctt	420
caggtgtggg	agggacccag	ataagtaggg	cttgaagtga	atccccagca	aactgcagca	480
gccctacaga	agaggtgcct	gactgttcaa	aggaaaacag	aaagcaacaa	caacatcaac	540
caaaaagtcc	ccacgaaaac	ctcatctaaa	ggtcagcagc	ctcaaagatc	aaaatgagac	600
aaactcatga	agatgagaaa	ggaatgaaaa	acccctcaca	actcaaaagg	ccagantggc	660
ttgtttactc	caaatgatca	caacacctct	acagcaagg			699

<210> 2708  
 <211> 692  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(692)  
 <223> n = A,T,C or G

```
<400> 2708
tacangctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gagagaacag      60
ggagaagaga ggaagaggga gctgcagggt ccagaagaga acagggcgga ctctcaggac      120
gaaaagagtc aaaccttttt gggaaaatca gaggaagtaa ctggaaagca agaagatcat      180
ggtataaagg agaaaggggt cccagtcagc gggcaggagg cgaaagagcc agagagttgg      240
gatgggggca ggctgggggc agtgggaaga gcgaggagca gggaagagga gaatgagcat      300
catgggcctt caatgcccgc tctgatagcc cctgaggact ctctcactg tgacctgttt      360
ccaggtgcct catatctcgt gactcagatt cccgggactc agacagagtc cagggtgag      420
gaactgtccc ccgcagctct gtctcccttg ctagagccca tcagatgctc tcaccagccc      480
atttctctac tgggctcctt tttgactgag gagtcacctg acaaggaaaa acttctatca      540
gtactttgat atgtcacagt ttcattgtta tccagttcaa tgtattttta aatttttcct      600
tgagacttct ttgactgata gattattgtg aatgtgtttt taaattttca aatgtttang      660
gattttcata tctttcttat gctgatttcc aa                                     692
```

<210> 2709  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

```
<400> 2709
gcnnnnnnntn nnnttgcnaa tcgctaggct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagttttt tctaattcaa acgcacttct ctttattcaa accagggtca      120
aactgggtcaa tgggaaacgc cctgaagcca cgtgcctggg gagaaaggct tcctactcgg      180
ttcgggttcag cgctgcgtgg gatccacgcg gctggctgtg cgcaaccccc acagttcacc      240
tcagacacta ccaagcagggt cagtcgacaa aagcaaggaa ttaaacaaaa aacagaaata      300
cactcagtag atttcttcta gaagctccca gagtttcttg accaccaagt cccaaccccc      360
aaagccagga gcgagggggc taacagcgca cccctccac cagtgccgac ggaaaccccc      420
ttttaaatta aaaaataagc cagtatacat cgtagaaaat ttctcttaaa aatctcacia      480
tttgtaaattg tatatttttt cttaacata aaagtttaca atataccgta aaacaaaagg      540
ctcaggaaaa taattttcaa aaaaaaggaa gaaaaagaaa cctgaagttt tgaattaaag      600
ctgaagacat ttttttaaaa ccctgttggt gaaccagtga ctttttttta ttgngctgat      660
gggttagaga aagaaatatt taaaaacaaa nanannnnnn annnnnnnnn nnnnnnnaa      719
```

<210> 2710  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

```

<400> 2710
gncnntnttn acttccnaat cgttggtta ctcgtntctt atgcaggatc ccttcgattc 60
ngacagactc gtctnatcag agatggggag aangtcgaag cctatcantg gagtgttagt 120
gaanggaggn ggataaaaaat tggngatgtn gttgggtcat cnggtgctaa tcancnnaca 180
tctgnaaaag tntatntga agggananaa tttgattatg tnttctcaat tgntgttaat 240
gancgtggac catcatataa nttgccatat aataccagtg ntgacctnn nttanctgcc 300
taccactnnt tacagancnn tnanntgaat ccnntgttn nngntcaact ncnttaantc 360
atnantggtt acacataagg tnatangntg gnactngaga atnccagntt nncagatcca 420
tttacangen gtnncacggn atgtcacnnc tctnctngat ctnttgacnc actgcccacn 480
gctgatacct tnncaantgc tgnanngnat gtaccacatt ctgaatgtat cnnaactncn 540
atnnctgat aancatccat ntcagggaan attgcctccc natcngnatg cntntaaaac 600
aatgaatcct gggccctna tanctaggct gncacattat gaccangctt accctacacc 660
aatattangt aaactgaaat gaactttatg gaactgnnt nntagcacia ntttc 715

```

```

<210> 2711
<211> 721
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(721)
<223> n = A,T,C or G

```

```

<400> 2711
ttnaagcctn tnttnanttt caaatcgcta ggctacttgt tctttttgca ggatcccatc 60
gattcgaatt cggcacgaga ggaggaaagg gaactccctg accccttgtg cttcccaagt 120
gaggcaatgc ctgcacctgc ttccgctcgc gcacggtgcg cgcacccact ggctgcgcc 180
cactgtctgg cactcgctag tgagatgaac ccggtacctc agatggaaat gcagaaatca 240
cccgctctct gtgtcgctca cgctgggagc tgtagaccgg agctgttctt attcggacat 300
cttggtcctt ccccaagagt tctggagtct gagaagtcaa ggatcggggg gctggcctat 360
tcagttcctg gtaagggctg tcttcctggc ttgcagttga actacttctt gctgtgtctt 420
cacaagcatg cccccatcct gtgccgataa gaactccana ccccaaactc agctcataca 480
cacacggaag agagaagcat ctgaacatca agaagagaan aagctgctgg acatcagaaa 540
ctgtgaaagg agaggagttt ggctgagctc caggggaaga ctgcctgcac attctatccc 600
cttttcagtt ccccatcctg ctgtcagcca catttaccac tcaataaaat cttcacattc 660
accatccttc aaaaaaaaaa aangaaaaaa ctcgagcctc tagaactata gtgagtcoga 720
t 721

```

```

<210> 2712
<211> 711
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

```

```

<400> 2712
gcngntnttn antttcaa at cgtnggcta cttgttcttt ttgcaggatc ccatcgattc 60
gaattcggca cgaggataaa tacctcagcc cctcgccttc ctcaaccac ctggcaagtc 120
ttcttaggat ctgatccag ttttctggaa gcaatcctac cccagcccaa gcttccaga 180
gtcagacctt aatccttctc acttctcagt gtcagagcag aaatgaatcc tggggttgac 240
tgtgtccatt cgggttatta gcagctaaga agcccagacg agtagtgtga gctgccttgg 300
gagcctcagt gagggcactg ggactggcct cactctcttg cccccagcct agtgggcttt 360
ctcctctgtc tctccggtgg ccccaggcaa tcgactgcat cacgcaggga cgtgagttgg 420

```

agcggccacg	tgctgccc	ccgtct	acgccatcat	gcggggctgc	tgccggg	480
agccccagca	acgccacagc	atcggatg	tgacgccc	gctgcaagcc	ctgcccagg	540
cacctnctgt	ctacctggat	gtcctgggct	agggggcccg	ccaggggctg	ggagtgggta	600
gcccgggaata	ctggggcctg	ccttagcatc	ccccatagct	tccacagccc	cagggtgatc	660
tcaaagtatc	taattcacct	taacatgtgg	gaaggacag	gtggggcttg	g	711

<210> 2713  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 2713						
nttnaacata	cangctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtgaaagag	ttcatgacct	ccttgcccg	ggcctgggtg	tctgcatca	agggctgcag	120
aaccagnccc	ngngcntggt	ggncntgacc	tcttacannn	cgtgccgtat	tcnaatcggt	180
ggtatcctgc	tcaaggactg	tagctcntnt	acganaangn	tnacnnacnt	gatagacacg	240
tccacatcac	anttgcctcc	aaactgcctg	tgctcctcna	tggtgtctct	ccctccagaa	300
aacgcacgct	tattgacctt	ggttttgatc	tgcttgcccg	tgctgggtgag	gaagatggag	360
gagttggggg	cgctggcact	cattttgggtc	tgggcgcctc	gcanggctgg	gaagaagggtg	420
gagtgacacat	gggataaggc	actggatata	cgtcctgtct	cggaagatct	gtgggaatga	480
gttgctgaag	gagggagcan	cctgnatggc	angaaaactg	atcttcccaa	tgcantcgct	540
gtcantgaag	ccgaaaatgc	ctttcacttg	gttgaaaggta	acatgctttt	gaatcttcac	600
cacatttttg	tanaaacctg	aactgctcta	naactatant	gagtcntatt	acntanatcc	660
anacatgata	agatacattg	atgaattttg	acaaaccaca	actagaatgc	antgaaaaaa	720
atgcttttatt	tgtgaaatgt	gtgatgctat	tgcttttattt	gtaaccatta	c	771

<210> 2714  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2714						
gngagnnnnn	tttttaanat	cagctacttg	ttcttttngc	aggatccctc	gattcgctca	60
aaaccaaata	tcaactcagc	tacagaatct	actgtgggtc	ttgtctgaaa	aaattagttc	120
actcggttgg	aatcttgtct	cagagcatcc	tcattctctt	ctcaaaagcc	cctaccccaa	180
caccggcggtg	ttggttgtct	attgaaactt	acaagtggat	ggaccctttc	tcccgaataa	240
actggccttt	gaaagctcta	atcgaaatgg	tttggcaaaa	tccatactgc	aggagattag	300
ggaggacaag	aatgatgtgc	ctttttgtac	tgctgagcct	gatgggtggg	ccactacttc	360
aggtacttag	atgagtcttg	atgctaatag	aattgtgtcg	ccaaacatat	ctggacagtt	420
acaacctaata	ctatgcatta	attggtttgg	gaattgcttg	aaattattgn	ttaattcaat	480
gttttaattc	gttttcctaa	aaatttaagt	gccccatca	tcgtgcaata	cctcagtgca	540
gcaactcctt	gattcttgga	tgactgaact	tnctaacttg	actctgcccc	ttgggtcccat	600
ttttcatgtt	tttcacaaat	agttaaccag	gtacctacta	ctgtgcaccg	ctgcagaagc	660
attgaaggat	gtatgtgatg	agtnaaaaca	cccaacctgc	tctgtgngt	taggattatg	720
acngaaactg	gtcaaaatca	catgtgaaca	aa			752

<210> 2715

<211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 2715

gnnagnnnnnn nnnnngnnng ntttnnaaga ncagctactt gttctttttg caggatccca	60
tcgattcgaa ttcggcacga gggaaccccc accattaagc taaagtaaaa cccttttgag	120
ggaagagggga gactggggag aagggaaaag agagaaggca gggagagtag ggagagaaaa	180
ccctccagca gccagtaaaa ctgcggggcga agagatctac ccgtctccct ccctcccaca	240
gttaccattg gccttgatcat cgcaagcatt tgacaaagac ttgcttgctc tgggcctgtc	300
acctcctgaa aggctgcttt agctgtggat gcccttgatt aagggagaga gcgcctagga	360
gctgcctgcc ccagctgggg tgacggctgt agggctgggt ctatgttgca agccctatat	420
cctagcatgc agtggaaagt gcttagctct ctccctcctg acctctgggc agccagtcac	480
caaagcagag agacgtggcg gcatgtgggc agcatgccca ggttccttgc tgactcagca	540
cttatttctg tagttttaaa aaagaattta atgtttttgg ttgtattttt ttgggggggt	600
gaggggtgggc aaaaacatgg gggtagttct gagttgttag aaatgtttct tgaatcaaag	660
tttgtttgaa gacacctgtg cctttgtacc cattataaga tggtcattaa gaccaagaa	720
actgataact ttggnttttt tt	742

<210> 2716  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 2716

gnnagnnnnnn nnnnngnnng ntttnnaaga ncagctactt gttctttttg caggatccca	60
tcgattcgaa ttcggcacga gggaaccccc accattaagc taaagtaaaa cccttttgag	120
ggaagagggga gactggggag aagggaaaag agagaaggca gggagagtag ggagagaaaa	180
ccctccagca gccagtaaaa ctgcggggcga agagatctac ccgtctccct ccctcccaca	240
gttaccattg gccttgatcat cgcaagcatt tgacaaagac ttgcttgctc tgggcctgtc	300
acctcctgaa aggctgcttt agctgtggat gcccttgatt aagggagaga gcgcctagga	360
gctgcctgcc ccagctgggg tgacggctgt agggctgggt ctatgttgca agccctatat	420
cctagcatgc agtggaaagt gcttagctct ctccctcctg acctctgggc agccagtcac	480
caaagcagag agacgtggcg gcatgtgggc agcatgccca ggttccttgc tgactcagca	540
cttatttctg tagttttaaa aaagaattta atgtttttgg ttgtattttt ttgggggggt	600
gaggggtgggc aaaaacatgg gggtagttct gagttgttag aaatgtttct tgaatcaaag	660
tttgtttgaa gacacctgtg cctttgtacc cattataaga tggtcattaa gaccaagaa	720
actgataact ttggnttttt tt	742

<210> 2717  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)

<223> n = A,T,C or G

<400> 2717

gnnnngnnnnn	nnnnnggngng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tgggcacgag	gccntcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcncnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgncntntgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttggaaga	ctctntcnaa	tttnnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaac	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatncgaa	atgcttttgg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatcct	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	gtt					733

<210> 2718

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2718

gnnnngnnnnn	nnnnnggngng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tgggcacgag	gccntcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcncnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgncntntgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttggaaga	ctctntcnaa	tttnnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaac	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatncgaa	atgcttttgg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatcct	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	gtt					733

<210> 2719

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2719

nnngnnnnnnn	nnnnngnnngn	nnnnnnnnngn	nnnnntnttt	agatcagctc	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagctcatgc	ttcaagaagc	agataaactg	120
ggctgc aaac	agtttgttac	tcttcagat	gtggtttcag	gcaatcctaa	acttaattta	180
gctttttag	ctaatttggt	taacacatac	ccgtgcctgc	acaagccgaa	taataatgac	240



atcgatatga	atttactgga	aggggagc	aaggaagaga	gaacatttcg	gaaggatg	300
aattccttgg	gagtcaaccc	atacttaat	catttgtaca	gtgaccttgc	agaagcttta	360
gtgatctttc	agctctatga	gatgatccga	gtgccagtca	actggagcca	tgtcaacaaa	420
cctccttata	ctgcccttgg	aggggaacatg	aagaagggtga	atgaaataat	ggccatggat	480
atattgntat	tgttctgata	tgaaacaaaag	aatttagagt	ttcatgaagt	tatacgtgct	540
ctgtccccac	aattctgatt	cagacaaaaa	tgtgttaagc	ttaatagcct	ttttacaagt	600
ttgctttaat	aaatttgaag	atgaaggcaa	aaaaaaaaaa	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnanaaaaaa	aaaacctngn	ccctttaaac	tttnggnngc	720
ntttncntaa	nncennactt	gaaaaancn				749

<210> 2720

<211> 768

<212> DNA

<213> Homo sapiens

<400> 2720

acatacagct	acttggttctt	tttgcaggat	cccatcgatt	cgagacagtc	aagctgcatt	60
gcaacactgc	atgtctgact	aacagcatac	attgtcctga	agaagcatct	gtagggaatc	120
cagaaggagc	gttcatgaag	atgttacaag	cccgaagca	gcacatgagc	actcagctga	180
ctattgagtc	ggaggcgccc	tcagacagca	gtggcatcaa	cttgtcaggc	tttgggggtg	240
atcagcttga	aattcagcta	accgagcagc	tacggtcctt	catccccaac	gaggatgtga	300
gaaagttcat	gtctcatgtt	atccggacct	tgaaaatgga	atgttcagaa	acacatgtgc	360
aagggagctg	tgccaagctc	atgtttgcga	caggcctcct	gatgaagctt	ctcagcgagc	420
agcaggaagc	aaaggcattg	aatgtagaat	gggatacgga	ccaacaaaaa	acaaattata	480
ttaatgagaa	catggaacag	aatgaacaga	aagagcagaa	gtcaagtga	ctcatgaaag	540
aagttccagg	agatgactat	aagaacaaac	tcattcttgc	aatatctgtg	actgtaatac	600
taataatttt	gattataatt	ttttgtctta	tagaggtgaa	ttcacataaa	agggcatcag	660
aaaaatcaaa	gacaacccat	caatatcagg	agcctgagca	tgagttaaag	catgtggatg	720
gcctggaact	atgtttttta	aatggtatta	aatattggtt	ttttactt		768

<210> 2721

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2721

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cacacggaga	cagatactgt	ggaccccaana	agcaatggac	ggccccccac	tgctgctgct	120
gtc'cccaaat	ctgcgaaata	catcgctcag	gtgctgcagg	actcagaggt	ggacggggat	180
ggggatgggg	ctcctgggag	ctcaggggat	gagcccccat	catcctcatc	ccaagatgag	240
gagttgctga	tgccaccoga	cgccctcacg	gacacagact	tcagtcttgc	gaggacagcc	300
tcatagagaa	tgagattcac	cagtaagggg	agggaggggc	cctggaggcc	acatcctgcc	360
ccacccacc	cccactccca	cngacactaa	aacgctaata	atttattana	tctaaagccc	420
cttctnccca	gcccctgctt	tcattaaggt	atttaaactt	gggggtttca	ctgctctccc	480
cccatgatgg	aaggaggagg	ccccccaacc	tcagtgagga	nagccccgag	ccggccccgg	540
ggcaaagagg	ggtgcagagg	gagttcccca	natcaagtcc	cccaaccctt	cccactagta	600
catgaccagg	anagggttaa	tgataccaac	aagagtccctg	gtgcacctgg	tgccgggtggc	660
tggagacctg	gggggcangt	ggatctgggg	ctgatccccc	ctccgttttt	tcacccacat	720
ttctctggga	tttgc					735

<210> 2722

<211> 716

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(716)  
<223> n = A,T,C or G

<400> 2722  
tnnnnnntttt tnaaccagnn ttcnaatcct tggcgnnagg ctacttggtc tttttgcagg 60  
atccccatcga ttcgaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt 120  
tgaggtggta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac 180  
ccccactggt gagcctttca aaatgaagtc tcagtatatt taaaaattaa tggacatcct 240  
ctctgggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttgttt 300  
gctaaatgaa ctaaaaatta tgagatttgc acctaaaggt actgaggtaa aggagagcca 360  
aaagtggggg agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag 420  
cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg 480  
gatcaatgat gaaactagcc aaatctgagc atcagaaggc tttccggctc acctgatgca 540  
tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg 600  
tctggtgtgt gtgtgggggg tgtgtgtgtg nnnnnncnnnn nnnnnnnnnn nnnngnnncnn 660  
nnnnngnnnn nnnnnntnnn nnnnnngnnn nnnnnnnnnn nnnnnnnnnn nnnnnnc 716

<210> 2723  
<211> 751  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(751)  
<223> n = A,T,C or G

<400> 2723  
gagaggnntt ttanagcctg ctacttggtc tttttgnga tcatcgattc gaattcggca 60  
cgagaaatac ctcaggaaaa acgaggaggt gaagtattgg attcttctca tgatgacata 120  
aaacttgaaa aaagtaatat tttgctgctt ggaccaactg ggtcaggtaa aactctgctg 180  
gcacaaacc tancataatg ccttgatgtc ccttttgcta tctgtgactg tacaactttg 240  
actcacgctg gatatgtacg cgaagatatt gaatctgtga ttgcaaaact actccaagat 300  
gccaattata atgtggaaaa agcacaacaa ggaattgtct ttctggatga agtagataag 360  
attggcagtg tgccaggcat tcatcaatta cgggatgtan gtggagaagg cgttcatcaa 420  
ggcttattaa aactacttga aggcacaata gtcaatgttc cagaaaagaa ttcccgaag 480  
ctccgtggag aaacagttca agttgatata acanacatac tgtttgtggc atctggtgct 540  
ttcaatgggt tacacagaat catcancagg aggaaaaatg aaaagtatct ttggatttgg 600  
aacaccatct aatctgggga aaaggcagaa gggctgcagc ttgctgnaga ccttgnttaa 660  
tcnaaagtgg ggaatccaat acttacccaa gacattgaan aaaaagatcg ggtntgcgtc 720  
atgtggaaac cngagatctg attgagtttg g 751

<210> 2724  
<211> 749  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(749)  
<223> n = A,T,C or G

```

<400> 2724
gngagnnnnnn tttanaanat caggtacttt gttctttttg caggatccct cgaattcgtaa      60
gtgggctaag accagaagag agacttattc gcttaagtag aaacatgtgc cttttattaa      120
ctgcagtcct gcattttatc catggaatga cagaccctgt attaagtct ctcagtgcct      180
ctcatgtgtc atcttttcgt agacattttc ctgtgctgtt tgtctctgct tgcctgttta      240
ttcttctctgt cttactcagt tatgttcttt ggcataccta tgcactaaat acatggttgt      300
ttgcagttac agcattttgt gtggaactgt gcttaaaagt nattgtttct ctcactgntt      360
atacgttatt catgattgat ggctactata atgtcctctg ggaaaagctt gacgattatg      420
tctactacgt tctgttcaaca ggcagtatta ttgaatttat atttgagtt gtaatggttg      480
gaaatggggc ttacactatg atgtttgagt cgggaagtaa aattcgggct tttatgatgt      540
gcctacatgc atattttaac atctacttac aagccaaaaa tggctggaag acatttatga      600
atcgtaggac tgctgtgaag aaaattaatt cacttcctgn aataaaaggg agcccgtta      660
caagaaataa atgaaggat gtgcaatctg ctatcatgag tttacaacat ctgctcgtat      720
tacaccgtgt aatcattatt tccatgccc      749

```

<210> 2725

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

```

<400> 2725
gagnnnnnttt taataacagc tacttgttct ttttgccgat ccctcgatcc gaattcggca      60
cgagcgtgga gagaatactc agaaatgaac ctcttttaaag ccttgcagga atgagtcact      120
cttacttaat gaaatgttaa agccaattaa aaagcatgct gtgatgccca gcttcccttt      180
ccacaggggtg catgcgtctc ctgctggtga atcacatgcg gcaagaggca actggctcca      240
cagcctggga tgctgccgta ccaagaggaa agaagcagca aaatgccttt acgttggtct      300
aaacccccga cgcataaagt gtagaggagg gatggccaag ggtgggtggg tagaaagtgt      360
gttcaggctg acactggcaa tgagtacaga taatttcact ttctcttcca ggggcaaagg      420
ctgatggcct ctacctttgt atccaggaga aactgcagag cagccctgtg actttacaaa      480
atatgctacc tcaaagtgtc acccgataaa cctttctaatt tgtaagtgcc cttactaagg      540
gcacatgtct taatcaaagt tagttttttg ttttctgggt tgnttttttt ttttgnatat      600
tgatgaatga gatcttacct attaaatata ttattggatt atgggtcctg aaggtcatta      660
aaagtttgag tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtttatgac ttaaatatct      720
ttacgtgngg tttttaaaac ttgggt      746

```

<210> 2726

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(967)

<223> n = A,T,C or G

```

<400> 2726
agtanggcgn ttcctaattn annnggctaa ggcactttna aagangaggc tngcgtgntg      60
aataccgnnc gaggggggat nacaatagta nacnnggtnc caatncatgc ttaacaccgc      120
atntctttac ccccnannn ncacanatgc agacncacac atngcanncg nacacncaga      180
cacacacang caagcactnn catgcatggc ccatgctcac acacntgnan nnaacatgcn      240
gtagacatnt nagacacgtc atgtnacaca tgnnacacan gnnaaanaca ctgcttttnc      300
ngcanacnca gacggcacnn ngagacanac atgcnaaac aacatgctcn ctcacntnna      360

```

nncgntgggc	cngtagtagt	gttggg	tggnactggg	tgccatcnac	nnctttt	420
acgnnctttt	aactaaaaan	cttggagcct	tnanttnntn	tggtgantnc	aatnctana	480
antnncttga	gngggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctnttttnan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggann	naattgtnc	tgggnatagt	tctcacaant	natnttnaag	gggnnaagng	720
atnngngngg	nccntntatg	nggcnnngcca	annaangggg	tcgnngttaa	natattccaa	780
gntaacanan	gnacnatggn	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatncnt	gggacnggtt	aacnnaanatt	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2727

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 2727

agtanggcgn	ttcctaattnn	annnggctaa	gcgactttta	aagangaggc	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tggnacacan	gnnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tggnactggg	tgccatcnac	nnngtatttt	420
acgnnctttt	aactaaaaan	cttggagcct	tnanttnntn	tggtgantnc	aatnctana	480
antnncttga	gngggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctnttttnan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggann	naattgtnc	tgggnatagt	tctcacaant	natnttnaag	gggnnaagng	720
atnngngngg	nccntntatg	nggcnnngcca	annaangggg	tcgnngttaa	natattccaa	780
gntaacanan	gnacnatggn	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatncnt	gggacnggtt	aacnnaanatt	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2728

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 2728

gagagnnntt	tntaatnnca	gctcttggtc	tttttgcggt	ccctcggtcg	agaaaatgaa	60
gatgaacaga	atagtccgcc	aaaaaagggt	aaaagaggcc	gaccaccaa	acctcttggt	120
ggaggtacac	caaaagaaga	gccaacaatg	aaaacttcta	aaaaaggaag	caaaaaaaaa	180
tctggacctc	cagcaccaga	ggaggaggaa	gaagaagaaa	gacaaagtgg	aaatacggaa	240
cagaagtcca	aaagcaaaca	gcaccgagtg	tcaaggagag	cacagcagag	agcagaatct	300

cctgaatcta	gtgcaattga	atcacag	tccacaccac	agaaaggacg	agacacca	360
tcaaaaacgc	catcaccatc	acacacaaa	aaaaatgtcc	cgtgtaggac	gctccaaaca	420
agcagctact	aaggaaaatg	attcaagtga	agaagtagat	gtgtttcaag	ggtagctctc	480
ctgtcgatga	tattccacag	gaagaaacag	aggaggagga	agtttctaca	gtaaatgtac	540
ggcggcgaa	tgctaaaagg	gaacggcgat	gaacaaatgt	aattaataac	tttctctgtg	600
aaagcttttg	aaaaatcttt	tttttttttt	ggtcaagctt	gagcttgata	aagcctttga	660
tgcacaaaat	gggctgctga	aaatggacag	ttggncttac	tttggtgccc	ctactttgtg	720
gcacatcttt	accatcac					738

<210> 2729

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2729

gnngnnngnnn	nnnnnnnnngn	nnnnnnnnnn	nngnnngnnt	ttatgnatca	gctacttggt	60
ctttttgcag	gateccatcg	attcgctcca	ttgtgaagat	ccaggcattt	ttccgagcca	120
ggaaagccca	agatgactac	aggatattag	tgcatgcacc	ccaccctcct	ctcagtgtgg	180
tacgcagatt	tgcccatctc	ttgaatcaaa	gccagcaaga	cttctctgct	gctgtgatct	240
gcacaccctc	caacctgggc	agggactggg	gggatgcagt	gtgtgttagt	gcccattgtg	300
cattgtggca	ctgttgcccc	ccatggcggc	atgggcaaga	tgaccttcca	ttagcttcaa	360
gtcttgttct	cttgtctgtg	gtctgtttaa	tatgtgggtc	actagggtat	ttattctttc	420
tcccatcctt	acactctgga	tcattgtgca	gacttaatca	gggttttaac	gctttcattn	480
tnnnnttttt	ttttttgact	caaagagagt	tctcattttc	cctattcaaa	ctaataccca	540
tgccgggttt	tttaccttgg	atttaaagtc	accttangtt	ggggcaacag	attctcactc	600
atgtttaana	nctgggtatt	cagcttcata	agatcaaaga	ggagtctttc	cctttctctt	660
ttaccctcag	gatctcatcc	cttacagctg	actcttncag	gcaatttcca	tagaactgna	720
gtcctgcttt	ggcacaagct	ntntgtg				747

<210> 2730

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 2730

ttnattaatg	cttggtact	cgttctttnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggctctaag	ccgctgaagc	aaaaaccatg	ataaaacatt	ctgctttctt	ttcttttaca	120
acccacgaa	cgcaaaaaaa	aaaaaaaaca	aaaacaaaac	aaaaaaaaga	aacaacaaca	180
aaacccaaac	tatttgtagg	aaaaaatggt	tttgtacatg	ggatgaaaca	atataaatte	240
aaaacttaca	gataagggtt	agctctatca	ctcaactctt	taaaaagttt	atatgaatat	300
ccagtcaaaa	ccaacacggt	attgcccttg	aaatgttaac	tagacggatt	tccaaggaga	360
ccacaggact	gtatactgtc	ttggaatgtc	ctcagaaggc	tctgtcattg	atcaggtaac	420
agtaaaaacc	ccagtttcct	ttcttagctg	atgtctttgg	ccagaacacc	gtgggctggt	480
acttgctttg	agttggaagc	ggtttgcat	tacgcctgta	aatgtattca	ttcttaattt	540
atgtaagggt	ttttttgtac	gcaattctcg	attctttgaa	gagatgacaa	caaattttgg	600
ttttctactg	ttatgtgaga	acattangcc	ccagcaacac	gtcattgtgt	aaggaaaaat	660
aaaagtgtg	ccgtaccaaa	aaaaaaatnn	nngnccnnan	nncaannct	tngnnt	716

<210> 2731  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

```
<400> 2731
tgnnnnttttn nagtcaancc ttggaaatcc ttggctctng ccgctntctg caggatccca      60
tcgattngct nngcagctcc ccttccantg agagccctnc acacnatttn anaaaacct      120
ncgnatgcat naactttcaa nccatancat gcatncnggn tattgntnca tgctgatcat      180
nnaacctnnn gtccaacagg gcggnnncgt aatggntgnt tnnttnactt tttantntgt      240
ggngtatnnn ntagnnncng cggngcnggc tcannttact ggaccttgca natcctnnga      300
ttngcnntg ngngnntcng gctcnnacnn acatgngntt acagacatnc tggcatgttc      360
atntcnncgt gntntcnctn ngtnaanang gngnctnanc ntgntngcca agctgntnnn      420
annctcctgg gntacnttna nntnnnatnt tgactcatac cgttgctgat tncaaggcnt      480
gagccaccac tcctggccaa ngnngcgttg cttgacattn cnactaagac tatgactatn      540
atgntnccgt gacgacacta tagtcctcch nacttntcng tcaagtggca tctgggattg      600
tntcaacatg gataaanggg ccttctanat atcnnggcgt tgancntcat ttncctgent      660
tcctganaat ttngngcact gaancttana gggccttatt cncncnngan cancacncgn      720
ngataactanc c                                                                731
```

<210> 2732  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

```
<400> 2732
tgnnnnttttn nagtcaancc ttggaaatcc ttggctctng ccgctntctg caggatccca      60
tcgattngct nngcagctcc ccttccantg agagccctnc acacnatttn anaaaacct      120
ncgnatgcat naactttcaa nccatancat gcatncnggn tattgntnca tgctgatcat      180
nnaacctnnn gtccaacagg gcggnnncgt aatggntgnt tnnttnactt tttantntgt      240
ggngtatnnn ntagnnncng cggngcnggc tcannttact ggaccttgca natcctnnga      300
ttngcnntg ngngnntcng gctcnnacnn acatgngntt acagacatnc tggcatgttc      360
atntcnncgt gntntcnctn ngtnaanang gngnctnanc ntgntngcca agctgntnnn      420
annctcctgg gntacnttna nntnnnatnt tgactcatac cgttgctgat tncaaggcnt      480
gagccaccac tcctggccaa ngnngcgttg cttgacattn cnactaagac tatgactatn      540
atgntnccgt gacgacacta tagtcctcch nacttntcng tcaagtggca tctgggattg      600
tntcaacatg gataaanggg ccttctanat atcnnggcgt tgancntcat ttncctgent      660
tcctganaat ttngngcact gaancttana gggccttatt cncncnngan cancacncgn      720
ngataactanc c                                                                731
```

<210> 2733  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2733

ccttnccttg	aaagccncaa	gctacttgnt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagat	tcccatctgc	ttttacttcg	ggtgagcaga	gggggatgtg	tgtgtgcgtg	120
tgtgtcagtc	tgtttgtgag	tgtgttaaag	gctacagacc	acagttggtt	taaaatgctt	180
ggaacttccc	aaactggctt	tactttatgt	ttatacagtg	ctcagggtta	acgcagtaca	240
tccatgccat	tgctgtggga	ggtatccccg	gatgcatgtg	ttttgagtct	ataaatatag	300
aaaatatata	ttggtttctt	tttccaactt	aataggtcta	ttaaagcatg	aaatgaaagg	360
ttgcatatca	tgcattcagg	ntattaccta	atTTTTgnnc	tgacagtgca	tgncnttgga	420
agcatgctga	aacaccgatt	aacacaggag	tcgngtaaca	cngagaaaca	tttgatanat	480
gtacagcatt	ggctattgca	ttcctatagt	gtatataccn	gggtattgct	tcaaaccctg	540
cngaccncta	ttttcccntc	tncnccccct	gtgttctttg	gtcaaacnta	atnnannaca	600
tncattttgcn	nttgngttnn	naaactttan	anntcntnga	tngtgnannt	anacnangta	660
actttttacc	taaanggtgt	ngcctgnccc	caaaattgcc	attatngggn	ccnctntattt	720
ccnctantnt	ananttgttc	ncacattncg				750

<210> 2734

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2734

anttgaanct	ttctaattgct	tggcnntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
gcacaaggac	cctcctgcc	acctgtttga	agacatggac	ctcaacaagg	atggcgaggt	120
ccctccggag	gagttctcca	ccttcatcaa	ggctcaagtg	agtgagggca	aaggacgcct	180
catgcctggg	caggaccctg	agaaaaccat	aggagacatg	ttccagaacc	aggaccgcaa	240
ccaggacggc	aagatcacag	tcgacgagct	caagctgaag	tcagatgagg	acgaggagcg	300
ggtccacgag	gagctctgag	gggcagggag	cctggccagg	cctgagacac	agaggcccac	360
tgcgaggggg	acagtggcgg	tgggactgac	ctgctgacag	tcaccctccc	tctgctggga	420
tgaggtccag	gagccaacta	aaacaatggc	agaggagaca	tctctggtgt	tcccaccacc	480
ctagatgaaa	atccacagca	cagacctcta	ccgtgtttct	cttccatccc	taaaccactt	540
ccttaaaatg	tttggtattg	caaagccaat	ttggggcctg	tggagcctgg	ggttggatag	600
ggccatggct	ggtcccccc	catacctccc	ttcacatcac	ttgacacagc	tgagctttgt	660
tatccatctt	cccaaacttt	ctctttcttt	gtacttcttg	tcacccccac	tc	712

<210> 2735

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2735

nttaancntt	nanannngtt	ntttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
cangggactt	nctgtaacaa	tgcattctcat	atttggaatg	accagtcct	ctcccaagtc	120
cacacagggg	aggtgatagc	attgctttcg	tgtaaattat	gtaatgcaaa	atTTTTTTaa	180
tcttcgcctt	aatactttat	tattnngtnn	tattttgaat	gatgagcctt	cgtgcccccc	240

cttnccccctt	ttttgtcccc	ca	gaga	tgtatgaagg	cttttgggtct	cc	gagt	300
gggtggaggc	agccagggct	tac	gtaca	ctgacttgag	accagttgaa	taaa	agtga	360
caccttaaaa	aanaatgcat	anaaaaaa	act	cgagcctcta	gaactatagt	gagtcgtatt		420
acgtagatcc	agacatgata	agatncatng		atgagtttgg	acaaaccaca	actagaatgc		480
agtgaaaaaa	atgcttttatt	tgtgaaat	ttt	gtgatgctat	tgctttat	ttt	gtaaccatta	540
taagctgcaa	taaacaagtt	aacaacan	ca	attgcattca	ttttatgt	ttt	caggttcagg	600
gggaggtgtg	ggaggttttt	taattcgn	ngg	ccngggcgcc	aatgcatngn	gccc	ggtacc	660
cagcttttgg	tccctttant	gagggtta	at	ngcgcgcttg	gcgtaatcat			710

<210> 2736

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 2736

tctaatecng	nntttnantt	ncnaatcgn	aggctacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	aaagaactgt	ctcacgcaac	cattgattct	aaaactggcg	120
atthagggga	catcaatgct	gagcagcttc	ctgggaggga	acatcttaat	gaacctggta	180
ctagagaagg	acagactcgt	ctaatacagag	atggggagaa	agtcgaagcc	tatcagtggg	240
gtgttagtga	agggaggtgg	ataaaaattg	gtgatgttgt	tggtcatct	ggtgctaate	300
agcaaaccatc	tggaaaagtt	ttatatgaag	ggaaagaatt	tgattatgtt	ttctcaattg	360
atgtcaatga	aggtggacca	tcatataaat	tgccatataa	taccagtgat	gaccttgggt	420
taactgcata	caacttctta	cagaagaatg	atttgaatcc	tatgtttctg	gatcaagtag	480
ctaaatttat	tattgataac	acaaaagggtc	aaatgttggg	acttgggaat	cccacttttc	540
agatccattt	acaggtgggtg	gtcgggtatgt	tccgggctct	tccgggatctt	ctaacacact	600
acccacagca	gaccccttta	caggtgctgg	tcggttatgta	ccaggttctg	caagtatggg	660
aactccatgg	ccggagttga	tccattacag	ggaatagtgc	ctaccgatca	ctgn	714

<210> 2737

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 2737

aatntttgct	ctcgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	gaggctatct	60
gaacacagtg	gaaagatggg	accctcaggc	tcgccagtgg	aattttgttg	ccactatgtc	120
tacccttagg	agtacagtan	gtgtggcagt	actaagtgga	aaactttatg	canttggtgg	180
tcgtgatgga	agttcttgtc	tcaaatcagt	anaatgtttt	gacccata	ctaataagtg	240
gacactgtgt	gcacagatgt	caaaaaggan	aggtggcgta	ggagtgcga	cctgnaatgg	300
actgctgtat	gctatagggg	ggcacgatgc	tcccgatcc	aacttgactt	ccagactctc	360
agactgtgtg	gaaagatatg	atcccaaaac	agacatgtgg	actgcagttag	catccatgag	420
catcagcaga	natgcagtgg	gggtctgttt	acttggtgat	aagttatatg	ctgntggggg	480
gtatgatgga	caggcatacc	ttaataactgt	ggaggcttat	gatccccaga	caaatgagtg	540
gaccaggtga	ttttcacata	cttttgagga	cagcaaagat	cacctggtgg	ccatcaagca	600
naccatctgg	aggcaaaact	ccttatctga	ggaattcaga	agtcattaga	ctgccctatt	660
atctaaagcc	cggcatcttg	tactaggctt	ctttaccaaa	aatgtat		707



<210> 2738  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 2738  
 ctttaaattct caagctcttg ttcttttttgc aggatcccat cgattcggga gagaaacctt 60  
 atggatgcat tgactgtggc aaggccttca gccagaagtc ttgccttgta gcacatcaga 120  
 gatatcatatc aggaagact ccctttgtat gtcctgaatg tgggcaaccc tgttcacaga 180  
 agtcaggact cattagacat cagaaaattc actcaggaga gaaaccctat aaatgcagtg 240  
 actgtgggaa agccttcctt acaaagacaa tgctcattgt acatcacaga actcacacgg 300  
 gagagagacc ctatggctgt gatgagtgtg agaaagctta cttctatatg tcttgacctg 360  
 ttaaacataa gagaatacac tcaagggaga aacgggggga ttcagtgaag gtggaaaatc 420  
 cttccacagc aagtcacagc ttaagtccta gtgaacatgt gcaggggaaa agccctgtta 480  
 atatggtaac tgtggcaatg gtggcagggc agtgtgagtt tgcccacatc ctgcattcat 540  
 gataaacagt ttgctgtttg atcatatagc ctncagcgga atgctgagtt tgtcatgtcc 600  
 catgggcctt tggctccctg cactaatatg tatagtaggg tttacaagat atgaaatata 660  
 ttttactttt ttatatctta taaacctcac tacccttcc acaata 706

<210> 2739  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2739  
 tnaatnnttg ctctngttct ttttgcagga tccctcgatt cgggtggtggc acataacctgt 60  
 aatcccagct actcgggagg ctgaaacagg agaattgctt gaacctggga ggtagctgtt 120  
 gcagtgagaa agattggtac cattgcactg cgggtctgggc cacagagcga gacttccatc 180  
 tcaaaaaata aataaaatag ggatgggggc tcaactgtgtt gaccaggctg gtcttgaact 240  
 aatgtccnca nntaggcctn ccatatcanc tttnnanggc tatncattac aggntcntgt 300  
 ccacatgcna ngncnctatt acnaactgca tcatnntttg caccctatat ntatganccg 360  
 natttttaatt ttncancaat ntctnataac attgnngatc tgnatanann ctatnttgct 420  
 gctnacaaat ctgaatcatc ntttccanan catnttggac acacatcact taattnaaca 480  
 atttaatgca nctatttngc tatnctcctn atttgttntc tcntnccaca ntatgttctt 540  
 atgaanncat ctatttttnc attnngaana aaancacnta ttgnntgnnt atgtannngt 600  
 atatacntnn tcaataccgn ctacttttnc nctaaacctt tccnttgnat anttantntn 660  
 atgttnncac acttacgggt cnntccatta attntcctac atgnnaantt ttacntatnt 720  
 cattagtana ctttatnnta attaattntt cc 752

<210> 2740  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)

<223> n = A,T,C or G

<400> 2740

tcaatncngg	ctctngttct	ntttgcagga	tccctcgatt	cgaattcggc	acgaggctgg	60
acttggaat	ggtggtcttg	ggagacttgc	tgcttgcttc	ttggattcca	tggcaaccct	120
gggacttgca	gcctatggat	acggcattcg	gtatgaatat	gggattttca	atcagaagat	180
ccgagatgga	tggcaggtag	aagaagcaga	tgattggctc	agatatggaa	acccttggga	240
gaagtcccg	ccagaattca	tgctgcctgt	gcacttctat	ggaaaagtag	aacacaccaa	300
caccgggacc	aagtggattg	acactcaagt	attcagagtg	ctcgtatagc	cagcgttttg	360
tatagtattt	agtacagtag	ataatacatt	gactatgtag	catatagtgg	tgatattgag	420
tatagggcat	gtcgtgtttt	gaataataga	atatattttt	gtaaataaat	ctgttacttc	480
tcttagcgca	gcccagtcac	tttggagaca	aaggagctga	ggccaagaga	ggagtgactt	540
ttataaggg	catttttgca	ccagctttgt	cagaaaattg	tcagttcttt	tttttttttt	600
tttttgccag	aaaattgtca	gttctatagt	aaccagcatg	cttacctctt	tggttttata	660
ttaaggtgtt	gatagcaaaa	ttgaatattt	gaaaatgtca	tttc		704

<210> 2741

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2741

tnnaanggn	tngnantcnc	ctctnngnag	gancccntcg	attcgaattc	ggcacgaggt	60
caagcctgta	atcccaacac	tttgggttna	ccgaggtggg	ggtatctgat	tgagcctnng	120
aggtcgagat	cagcctggga	aacacagggg	ggcccccatc	gctacaaaat	attttaaaaa	180
ttagccaggt	gtggtggctt	gtgcttggtg	ncceggctac	ttgggagggt	gaagtgggag	240
ggtggcttga	gtncaggagt	tactgcact	gagctgtgat	cacaccactg	cactccagcc	300
tggacgacag	agtgagacgt	ccatctcaaa	aaaaaaaata	aaaaactcga	gcctttanaa	360
ctatagttag	tcgtattacg	tagatccaga	cntgataang	atacattgat	gagtttggac	420
aaaccacaac	tagaatgcag	tngaaaaaaa	tgctttattt	gtgaaatttg	tgatgctntt	480
gctttatttg	tanccattat	nagctgcnat	aancaagttt	aacaacnaac	aattgcatnc	540
attttatggt	tcangttcaa	gnnggaggtt	ctgggnaagn	tttttttatt	tnnccggcng	600
ctggcgccat	tggcattggg	ccccggtncc	ccaaactttt	ngtccccctt	ttatctggan	660
ggggtttaat	ttgnctccct	ttnggccgat	tatcatgggn	caatagcatg	ntcttncctg	720
ngggnggaaa	attngtttat	tcnttncaa	cnn			753

<210> 2742

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2742

tcaatacnag	ctntngntct	ntttgcagga	tcccatcgat	tcgaattcgg	cacgagcaag	60
aagagttttc	tgttcagttt	ggaacaagat	tttgagaaga	catttaggat	gtactagttt	120
gagtttttaa	atgtatat	gagatat	ctcaactttc	tctttgggtc	tgtagctaaa	180
atatgcagta	taatgtttta	tttatttatt	ttttaagaga	tggggtctag	ctattttgcc	240
caggcagact	caaattcctg	ggctcaagtg	atcctctgcc	ttggcctcct	gagtagctgg	300

gacttacaga	catgtgccac	ca	ctagt	ggctatataa	tttttaaaaa	ta	ctagg	360
atatctttac	atacttttct	taa	aaaaaa	aagttaacct	ttgtagttct	gtac	ctttca	420
gtagtctgca	aattttctac	caaaaaaat	cccaagaatt	tatttgggaa	ttattaaaaa			480
ggcaaacaat	gaatgttatt	aggacaagaa	tatagcagtc	aggaggccat	gactacatca			540
cagccaggcg	gcattccctg	ccacagtggc	ggcttgaatc	atcaagaaat	ggataaatgg			600
ggcttttagta	aatcaggctt	gcaggctcaa	agctgcaatc	tgcccactct	caggtctgag			660
actttgtggg	cctcagacac	caggaagaaa	gttgggatac	an				702

<210> 2743

<211> 709

<212> DNA

<213> Homo sapiens

<400> 2743

cagctcttgt	tcttttttgc	ggatcccatc	gattcggtga	gacggagttt	caccatgttg	60
gccaggatgg	tcttcaactt	ctaacttcgt	gatccacgct	gctgggatta	caggtgtgag	120
ccaccgctg	tggcctctgg	gcaccttttg	aagctgaagc	agagagagaa	ggcggcaggc	180
atcagcgttt	tcttctatga	acttataaga	tcaaagactt	taagactttc	actatttctt	240
ctaccgctat	ctactacgaa	cttcaaagag	gaaccaggag	tacggaagga	gcatgaaagt	300
ggacaaggaa	cgtgaccatt	gaagcaccac	agggaggggt	tcaggcctcc	ggatgactgc	360
aggcaggcct	gggtaacatc	cagcctccca	caagaagctg	gtggagcaga	gcgttccctg	420
actcctccaa	ggaaaggaga	ctccctttcc	cggctctgctc	agtaacgggt	gccttcccag	480
acactggcgt	taccgcttga	ccaaggggcc	ctcaagcggc	ccttatgcgg	gcatgacaga	540
aggctcccct	cttgcccttct	attcacttct	cacaatgtcc	cttcagcacc	tgaccctata	600
cctgccgggt	attcctaggt	tatattatta	atgcaacaga	gtaatattaa	aagctaataa	660
ttaataatgt	ttataataat	gatggataat	tggtcatgat	catcgctgg		709

<210> 2744

<211> 709

<212> DNA

<213> Homo sapiens

<400> 2744

cagctcttgt	tcttttttgc	ggatcccatc	gattcggtga	gacggagttt	caccatgttg	60
gccaggatgg	tcttcaactt	ctaacttcgt	gatccacgct	gctgggatta	caggtgtgag	120
ccaccgctg	tggcctctgg	gcaccttttg	aagctgaagc	agagagagaa	ggcggcaggc	180
atcagcgttt	tcttctatga	acttataaga	tcaaagactt	taagactttc	actatttctt	240
ctaccgctat	ctactacgaa	cttcaaagag	gaaccaggag	tacggaagga	gcatgaaagt	300
ggacaaggaa	cgtgaccatt	gaagcaccac	agggaggggt	tcaggcctcc	ggatgactgc	360
aggcaggcct	gggtaacatc	cagcctccca	caagaagctg	gtggagcaga	gcgttccctg	420
actcctccaa	ggaaaggaga	ctccctttcc	cggctctgctc	agtaacgggt	gccttcccag	480
acactggcgt	taccgcttga	ccaaggggcc	ctcaagcggc	ccttatgcgg	gcatgacaga	540
aggctcccct	cttgcccttct	attcacttct	cacaatgtcc	cttcagcacc	tgaccctata	600
cctgccgggt	attcctaggt	tatattatta	atgcaacaga	gtaatattaa	aagctaataa	660
ttaataatgt	ttataataat	gatggataat	tggtcatgat	catcgctgg		709

<210> 2745

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2745

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cagagatgat	agcacttcat	tgaagccaa	agaggatgtc	agcataccca	gatacacatt	120
aggagacttg	gacacagttg	cagggctgga	aaaagaactg	agtaatgcca	aagaggaact	180
tgaactcatg	gctaaaaaag	aaagagaaag	tcagatggaa	ctttctgctc	tacagtccat	240
gatagctgtg	caggaagaag	agctgcaggt	gcaggctgct	gatatggagt	ctctgaccag	300
gaacatacag	attaaagaag	atctcataaa	ggacctgcaa	atgcaactgg	ttgatcctga	360
agacatacca	gctatggaac	gcctgaccca	ggaagtctta	cttcttcggg	aaaaagtgtc	420
ttcagtagaa	tcccagggtc	aagaaatttc	aggaaaccga	agacaacagt	tgctgctgat	480
gctagaagga	ctagtagatg	aacggagtcg	gctcaatgag	gccttacaag	cagagagaca	540
gctctatagc	agtctgggtg	agttccatgc	ccatccagag	agctctgaga	gagaccgaac	600
tctgcaggtg	gaactggaag	gggctcaagt	gttacgcagt	cggctagaag	aagttcttgg	660
aagaacttgg	agcgcttaa	caggctggag	accctggccg	ccattggang	tnggggaact	720
ggaaagt						727

<210> 2746

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 2746

tnnnncttca	aatcgcnagg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggtt	gctgtcactt	ggattttctag	ctttggggagc	ctgttccacc	tactcagctc	120
tgcattgagc	agtatgggca	catgccctgt	ggacagttac	tggaagttaa	tgaactcaga	180
ggagaaaagc	agtgaagccac	ttgttctgtg	tgattttatgg	tacttcattg	ctcttccttc	240
acctctagtc	actttctatt	gctacctgcc	ctacattggc	tcctgccaaag	gtccctctct	300
ctccctgttt	tccttttttt	ttttttttga	gacggaggagc	ggagtcttgc	tctgtcgccc	360
aggttggagt	gcagtggcgc	gatctcggct	cactgcaacc	tccacctccc	gggttcaagc	420
gatttctctg	cctcagcctc	ccgagtagct	gggactacag	gcgcgcgcgc	ccacgcccgc	480
ctaattttta	tatttttagt	agagacgggg	tttcaccatg	ctggccaggc	tgggtctcgaa	540
ccccgacctc	gtgatccgcc	tccttagcct	cccaatcctc	tcttaaaaaa	gtgatagctc	600
agaaatat	gtaaaagcaa	ggtttttatt	tcattttggc	tctgcatttt	cagaggcaaa	660
gaagtttggc	ctgtaaaata	gagtgtctaga	gctcttacct	cctccc		706

<210> 2747

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 2747

ggnnnnnggg	ganttttagat	cagctcttgt	tctttttgca	ggatcccatc	gattggaatt	60
cggcacgagg	tgtgtgtgtg	tgtgtgtgta	gaggagagaa	agagaccatt	atcatatgag	120
tgtgttgggg	ctgctgagag	ggtttcgttt	acaagtgacc	ttgagtgtat	ttcatctctg	180
gaatgcatgg	tccctgcgct	caagctacac	aatctgatta	gtgaagtatt	actaatacac	240
tagaaaaata	tacatagtaa	ttaccaaagt	actgacacaa	ttttataggg	ggttcanaga	300
aacatctgtg	aatgggtaat	aatgaaaaaa	gaaaagnttt	tctctttgtt	ntagtctgac	360
ccttttaaca	gtctctattc	ataatgtgag	gaaatcgcta	caaaaactga	aatattgtan	420
atactgttca	ttngcatatg	gaaataactg	tatgtctgtg	gttggttctt	catgggacaa	480

actctacccc	tntctntnc	ac	catat	anccaagcta	taagttagcc	ta	ctcgc	540
cataggaagt	tgctggcttt	ttt	ntgaga	agtcaaagaa	cctggcttgn	taa	agtctt	600
tataagaaan	naananttnc	ttt	nnntta	nnntnnncnn	atgntnnntn	annnnnnntt		660
nnnnntnacn	nnnanannnn	ann	anttnc	naancatatt	antgtnanan	annnnaatat		720
nnnanantnn	ttttnnancn	ngntntntnn	nnnaannnnn	annnntnann	nnantnttan			780
nnaattnncn	nnntntntnn	gnnn	cng					807

<210> 2748  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 2748								
tnnnntttt	tnaaccagnn	ttcnaatcct	tggcgnnagg	ctacttggtc	tttttgcagg			60
atcccatcga	ttcgaattcg	gcacgagaag	aaaggctgcc	tttgagttga	ccaaccatgt			120
tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac			180
ccccactggt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggaacatcct			240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt			300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca			360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag			420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg			480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca			540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg			600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	nnnnncnnnn	nnnnnnnnnn	nnngnnncnn			660
nnnnngnnnn	nnnnnnntnn	nnnnnngnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc			716

<210> 2749  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 2749								
tnnncttttt	aaacctgcnt	tcnaattncn	agacnctngg	ctctngntct	ntntgcagga			60
tcccatcgat	tcgaattcgg	cacgagnaag	aaaggctgcc	tttgagttga	ccaaccatgt			120
tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac			180
ccccactggt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggaacatcct			240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt			300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca			360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag			420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg			480
gatcaatgat	gaaactagcc	aaatctgagc	atcanaaggc	tttccggtct	acctgatgca			540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg			600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tntntnann	cncgtnnnntn	nnancnnann			660
nttncnannt	ntgattncnn	ttnttctnan	nnnttntnnn	tnnttcttna	atnnncac			718

<210> 2750  
 <211> 718

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(718)  
<223> n = A,T,C or G

<400> 2750  
tnnncttttt aaacctgcnt tcnaattncn agacnctngg ctctngntct ntntgcagga 60  
tcccatcgat tcgaattcgg cacgagnaag aaaggctgcc tttgagttga ccaaccatgt 120  
tgaggtggta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac 180  
ccccactggt gagcctttca aaatgaagtc tcagtatatt taaaaattaa tggacatcct 240  
ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttgttt 300  
gctaaatgaa ctaaaaatta tgagatttgc acctaaaggc actgaggtaa aggagagcca 360  
aaagtggggg agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag 420  
cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg 480  
gatcaatgat gaaactagcc aaatctgagc atcanaaggc tttccggctc acctgatgca 540  
tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg 600  
tctggtgtgt gtgtgggggg tgtgtgtgtg tntnntnann cncgtnnntn nnancnnann 660  
ntnncnann ntgattncnn ttnntctnan nnnnttnnnn tnnttcttna atnnncac 718

<210> 2751  
<211> 726  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(726)  
<223> n = A,T,C or G

<400> 2751  
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caggatccca tcgattcgaa ttccggcacga gagnaataac taccagacaa catttggttaa 120  
aactcaggac agtatgtatt tttaaaggagc aagtgcacgt gtgaaaatgg ctcattcagt 180  
ttataaaaata ttacattaaa tttgaggttt ctgttttttt tcttttgtga cagtcttgct 240  
ctgttcccca tgctgtagtg cagtggcacc agttcacctc actgtaactt ccacatcctg 300  
gtttcaagca atttgtgcct cagcctccca agtagctggg attacagtca tgccaccatg 360  
tccagataat ttttatattt ttttgtagag atgggtgttt accatgtttg ccaggctgat 420  
ctcaagctcc tggcctcaag tgatttgcca ccttggcctc acacgttgct gagattacag 480  
gcatgagcca ccacacctgg ccaatggggc gtttcttaaa atagctacta gactatgacg 540  
tttatectaa ggtttgaagt ctatcatctt ccttacatat ccttcattgt ggtatctggg 600  
aatgaatcaa caagatgaga gagccttctt cattcagtggt ggctccttca tttccatgct 660  
tcctgaagat taaggncact gaatttaaaa ttcaatattc tgtgagttac acaccatgga 720  
gtaacn 726

<210> 2752  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

```

<400> 2752
cntnnctttg aanttgnaaa tngtnggct acttgttctt tttgcaggat cccatcgatt 60
cgaattcggc acgaggtcac tctgtcaccc aggctggagt gcagtggtgt gatcatagct 120
cactgcagcc tctacctcct gacacaagct gtcacccgc tttggcttct caaagtgcta 180
ggattatagg cgtgagccac catgcccgc cagtttctgc ttttattaaa attgttcaca 240
gttttataca ttcattgttca ttaaaaatgc tatttagaaa agagtttgat aaaataaata 300
ttatacaaaa ttcgaagaaa aaagaaaaga gtttctgttt cagtcacaaa ttagggttat 360
tgtgatgtgt atttatgatg accattgaac aaatgtgaag aatactgtga attctatgac 420
tttatcaaaa tcagccacat ccaggagctt gcagttgttg accaaatgaa tgatgacata 480
gagtagttca gatctatcat gtgctcttct atctaatacag tcaatatttc cttggccctc 540
aagccaacat tcatttttta tgtataacct tcttcatgat tttgaaattt tgatagggtg 600
actgctaata agttcacaaa tgtagcactt taaaaggaaa ataaatggag agtgaataca 660
acttggctac gtataattgt ggggttttaa ttttctggtt ttaaaaaaaa 710

```

```

<210> 2753
<211> 710
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

```

```

<400> 2753
tnnncttcaa atcgntngct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
cgagagatta tgagcatgta gaagatgaaa cttttcctcc tttcccacct ccagcctctc 120
cagagagaca agatggtgaa ggaactgagc ctgatgaaga gtcaggaaat ggagcacctg 180
ttcctgtacc tccaaagaga acagttaaaa gaaatatacc caagctggat gctcagagat 240
taatttcaga gagaggactt ccagccttaa ggcattgtatt tgataaggca aaattcaaag 300
gtaaagggtca tgaggctgaa gacttgaaga tgctaatacag acacatggag cactgggcac 360
ataggctatt ccctaaactg cagtttgagg attttattga cagagttgaa tacctgggaa 420
gtaaaaagga agttcagacc tgtttaaaac gaattcgact tgatctccct attttacatg 480
aagattttgt tagcaataat gatgaagttg cggagaataa tgaacatgat gtcacttcta 540
ctgaattaga tccctttctg acaaaacttat ctgaaagtga gatgtttgct tctgagttaa 600
gtagaagcct aacagaagag caacaacaaa gaaattgaga gaaataaaca ctggccttgg 660
aaagaaggca ggcaaagctg ctgagtaata gtcagaccct aggaaatgat 710

```

```

<210> 2754
<211> 727
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

```

```

<400> 2754
gtnnnnnttt ctaanttgnn ncttnaaatt nctaancgct tgttctttnt gcaggatccc 60
atcgattcga attcggcacg agcttacttt gatcctcgtg aggcataccc agatggaagt 120
agcaaagaaa agagaagagc agcaattgcc caggccttag ctggcgaagt cagtgtggtg 180
cctccatctc gtctcatggc attgctggga caggcactga agtggcagca gcatcaggga 240
ttgcttcttc ctggtatgac catagatttg tttcgaggca aggcagctgt caaagatgtg 300
gaagaagaaa agtttcctac acaactgagc aggcataatta agtttgggtca gaaatcacat 360
gtggagtgtg ctcgattttc tccagatggg cagtatttgg tcaactgggtc tgttgatgga 420
ttcattgaag tatggaactt tactactgga aaaatcagaa aggatcttaa gtaccaggcc 480

```

caagataact	ttatgatgat	g	atgct	gtcctctgca	tgtgtttcag	c	ataca	540
gaaatgtag	caactggggc	c	gatgga	aaaatcaagg	tgtggaagat	t	agtgga	600
caatgtttta	ngagatttga	ganggcacac	agtaagggtg	tcacctgtct	aaacttttct			660
aaggatagca	gtcagatcct	taatgcttct	tttgaccaga	caattagaat	tcatgggtta			720
aaatctg								727

<210> 2755  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2755	
cttcaaatcg	ctnggctact
agggcagacc	atccacatca
agaggactga	cagctaacag
atggtgaaat	gccatctcta
tgtaatccca	gctccttggg
gttgacgtga	accgatagtg
ctcaaaaaaa	aaaaaaaaag
tgtacttgac	tctgcttctc
tggccaagaa	aaaaagcaaa
taaaatcagg	tacaacttta
aattgtcatg	agatggcaca
caagcagaaa	atgtcaccat
	atgctgagga
	gttgacatg
	ttttattg
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	708

<210> 2756  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 2756	
ttnnnnnttt	aancnttcaa
tcgaattcgg	cacgagccca
agacactctt	cttcatcttc
aggccctaaa	gaagcagtca
acgaggagcc	caagaccatc
acgagaagtg	gggccagcgg
accgggacct	ccagtgcacac
tccccctgcc	caggtaaggg
gcatccccct	ctcccaggaa
ctggggggccc	gggggcgagg
gtaaaacctta	ttttcatttt
tntngnnntt	nnnatnnnan
attaccttag	
	atcnctaggc
	tacttggtct
	ttttgcagga
	tcccatcgat
	ctgtcgaccg
	ctgtggaatt
	ctaccagcgc
	ggcacagtat
	ctggcagcca
	tggcgattcc
	acaccaagta
	catgatgtgg
	ttccagaggc
	actgacgagt
	ttgagcaggg
	cacctacatc
	tactttgact
	tgagtaccgc
	tacctggagg
	ctctacccac
	ccccttcccc
	cgcattgctga
	gaagactgga
	gggaggcccc
	aagccacggg
	ggccgggagg
	ttttcctctc
	aagccccacc
	cctcccctcc
	ccagtgaggg
	acattttttg
	tgaaaaaaat
	gtgaagtcgt
	720
	730

<210> 2757  
 <211> 710



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

<400> 2757  
tntatntaca gctacttggt ctttttgag gatcccatcg attcgaattc ggcacgagac 60  
caagagaacg cggtcagaag gaggtggaac tggggagtc tctcagggag ggacaagcaa 120  
aagactcaaa gtagatggac agaaaaactg ctgtgaggag gggaaagagg agcagcaggg 180  
atgtgcaggg gacggtgggg aagacagggg agaagagatg gttatagagg ttggagagat 240  
ggtgcaggac tgggccatgc agagccctgg gcagccaggg gacctgcccc tgaccactgg 300  
aaagcatgga gcccttgagg aagaggggca gccagccac gcagccctgg cagagcgggg 360  
gccaagggga catgaggcag cccaagaatg gtctcagggg gaggcaggga agggggcatc 420  
cctgccctcc tcagcgagct ggcgctgtgc cttgtggcac cgagtgtggc aagggcgggc 480  
gcgagcccg agacgcttgc agcagcaaac caaggaggga gctggagggt gcgctggcac 540  
aagagcangg tggctggcga ctgaagctca ggtcacccan gagctgaaag gactgaatgg 600  
tggccaaaga aaggccaga aactgagccc ctgctgaact tttgtggccg tcttgtcttc 660  
ccggtgacc cgaatgctta ctgtgacccc gttcangat cccaaggnc 710

<210> 2758  
<211> 716  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(716)  
<223> n = A,T,C or G

<400> 2758  
tnnnnttca aatngnnagc tcttgttctt tttgcaggat cccatcgatt cgaattcggc 60  
acgagccaga gctggcagaa gaaaacagta aagcttagag tagaaataaa tgaaataaag 120  
aacagaaaaa tatagaaaat caaaaatacc aaaagttggc tctttgaaaa gatcaacaaa 180  
attgccaaac cttttaagta gacaagaaag aatgaattgt tgggtggtgca gtggtgagca 240  
tagctgcttt tcaagaacaa aaaagactca aatgactaaa atcaagaatg atcaagaatg 300  
agagagtaga cattactaca gatcttacag aaatgaaagg attattaatg agtactgtga 360  
acagttgcat gccacaaat agtctaagt aactagacaa atatctagaa agacacaaaa 420  
caaccaaaac cgaatcaaga aaaaaatata aaatctgaat acacgtataa caagtaaaga 480  
gattaaattg gtaccacaaa gaaaaactgt caccaaggta aagtccagac ccagatggct 540  
tttttggtga attccaccaa atgtttaagg gagaattaac accaaatcta aaactaaacc 600  
agacagagac attgcaagaa aaccacagac caatatccct tatgaatata gatataaaat 660  
cctcaacaaa gtactagcaa atcaagtcca tgaacatata caattctatt ttactt 716

<210> 2759  
<211> 715  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(715)  
<223> n = A,T,C or G

<400> 2759

gtnnnncttc	aaatcgcttg	gc	tcgnt	ctntntgcag	gatcccatcg	at	aatc	60
ggcacgaggg	gtgcagtggc	tca	cctat	aatcccagca	ttttggaagt	cct	gcagg	120
aggattgcca	gaggccagga	at	ttgagatc	agcctgggca	acatagtga	actctcatct		180
ttataaaaag	taatattaaa	at	tttttaaaa	gtgtataaac	tgtaaagtat	at	tttacttg	240
tgttttcttc	cttattccta	ct	tgtcagat	gcaaatacac	at	ttttgtgt	gtttgtgttt	300
agtaattata	agtatacata	tt	cttctat	ttcatatatt	tctatgacat	tata	ctttag	360
atgtgtaatt	tatgaactac	tact	ggatta	ttttaatcca	ttagaaatta	ctattcacgc		420
attctgtatt	caattcatgt	gatagcta	at	at	ttgtggtt	ttaaatgcat	cttattttgt	480
ggttttcttc	taggctgttt	tt	gtgcttt	cttttaaaaa	tatatagggt	ttaataatct		540
taattttctt	ttagtttgaa	at	gtatatac	tcattttatt	cattagtcta	agataaaagaa		600
ttgtaacact	tctctaacct	attatana	at	tgntaatacc	tttacccttc	tcttgaacac		660
atcaaaagga	tgtcattgag	tg	ttggtatt	ggagtatagc	atatctatta	ttcng		715

<210> 2760

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 2760

ctttaaatct	caagctcttg	ttcttttttg	aggatcccat	cgattcgga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcatat	aggaaagact	ccctttgtat	gtcctgaatg	tggaacccc	tggtcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aatgcagtg	240
actgtgggaa	agccttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgcccttg	360
ttaaacataa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttcacacgc	aagtcacacg	ttaagtccta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgcccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tgtcatgtcc	600
catgggcctt	tggctccctg	cactaatatg	tatagtaggg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaacctcac	tacccttcc	acaata		706

<210> 2761

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2761

tnnnnnntttt	ntaatcnngn	nttnnctttg	caaatcgana	ngctacttgt	tctttttgca	60
ggatcccatc	gattcgaatt	cggcacgaga	tggtgttttc	acctggaagc	tgagaagaaa	120
ggggctttta	tggaacaaat	agcacatcaa	gctgttgtaa	tgagtttat	tatggaaatg	180
gccaaaaact	gtaatgtgga	tccaagaggg	tgttttcggt	tattttttcca	gaaagccaaa	240
gcagaggaag	aagggtattt	tgaagcattc	aaaaatgaac	ttgaagcttt	caagtcaaga	300
gtaagacttt	attctcaatc	acaaagtttt	caacctatga	cagttcagaa	tcatgttccc	360
cattctgggtg	ttggatctat	aggtttatta	gaatccttac	cacagaatcc	agattatctt	420
cagtattcta	tcagtacagc	tctctgcagc	ttaaactcgg	tggtacataa	agaagatgat	480
gaacccaaaa	tgatggacac	tgtataattt	ggttaagact	gctgaggcca	agtgtctattt	540

tggtacaaga aaggaagaac ttattt tcttgacact tttatgggtg ctctttta	600
tttttgtttg gtttttgatg ggaaggaaag agtactgaaa tgttttgtaa attcttttta	660
atgtgctgct aggttttttg ttttgtttgg tctgaagaga agagtgggtcc atatgttgca	720
ggaagt	726

<210> 2762  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2762	
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cgaattcggc acgaggtcac tctgtcaccg aggctggagt gcagtgggtg gatcatagct	120
cactgcagcc tctacctcct gacacaagct gtcaccccg tttggcttct caaagtgcta	180
ggattatagg cgtgagccac catgcccgac cagtttctgc ttttattaaa attgttcaca	240
gttttataca ttcattgttca ttaaaaatgc tatttagaaa agagtttgat aaaataaata	300
ttatacaaaa ttcgaagaaa aaagaaaaga gtttctgttt cagtcacaaa ttagggttat	360
tgtgatgtgt atttatgatg accattgaac aaatgtgaag aatactgtga attctatgac	420
tttatcaaaa tcagccacat ccaggagctt gcagtgtgtg accaaatgaa tgatgacata	480
gagtagttca gatctatcat gtgctcttct atctaatacag tcaatatttc cttggccctc	540
aagccaacat tcatttttta tgtataacct tcttcatgat tttgaaattt tgatagggtg	600
actgctaata agttcacaaa tgtagcactt taaaaggaaa ataaatggag agtgaaaaca	660
acttggctac gtataattgt ggggttttaa ttttctggtt ttaaaaanaaa	710

<210> 2763  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 2763	
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cattgtttaca agtaagcagc tttattgggt cttttactta cgtcttttaa tatatggagc	120
aacagtacgg tcagtctgca tctcatgcta actttttgtt gggaatcata accattccta	180
cggttgcaac tggaatgttt ttaggaggat ttatcattaa aaaattcaaa ttgtcttttag	240
ttggaattgc caaattttca tttcttactt cgatgatata cttcttgttt caacttctat	300
atttccctct aatctgcgaa agcaaatcag ttgccggcct aaccttgacc tatgatggaa	360
ataattcagt ggcatctcat gtagatgtac cactttctta ttgcaactca nagtgcaatt	420
gtgatgaaag tcagtgggaa ccagtctgtg ggaacaatgg aataacttac ctgtcacctt	480
gtctagcagg atgcaaatcc tcaagtggta ttaaaaagca tacagtgtct tataactgaa	540
gttgtgngna agtnactggg nctncaganc ngaaaattac tcancgcact tgggggtgaat	600
gcccagaga taatacttgt ccaanggaaa tttttcatct atgttggcag ttcaggncct	660
aaaactcttn ggtcctctgg acaaggagg nccacattaa tttggtnact gtgaanatgg	720
ttcnnectga attggnaagg	740

<210> 2764  
 <211> 734  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 2764

anngttnatg	aagcncctttg	naannnccnn	cnangagncc	tcgatncgca	atgaactact	60
ctgcagcctc	atTTTTTaaa	aaatgagata	ggtnagtgtg	gatataaata	actgtccaac	120
atatatagct	gagtaacana	aatagcnaac	tagaaaacna	tgtattatnc	catntgtgct	180
gaaatatgna	tgntgggtatg	tgnaaatatg	tatggntgta	tagacagatc	tttntctaaa	240
TTTTTtcatt	nntaattnnn	gtgggtacat	actangtata	tatntttgng	gggtcctgag	300
gtatTTTgat	acaggcatgc	aatgtgaaat	aatcacatnn	nentnnntgg	ggtatccatc	360
cccncagca	nttgatctnn	tgtgtgcaaa	cattccaann	gnatnccttt	agttntccat	420
aaatgngcaa	tnaanntngn	ctatngtcnc	tntggagann	natcngnant	natctcaatc	480
nncccatntg	tnacttganc	cattgaccat	tcccaccaat	cctgaatgcc	tcantaccct	540
tctcaccnat	ggnnctcttg	cttatangct	ntntgtcnat	gagttcaatc	gtagtgantt	600
taganncngg	acttccatgc	gaacatgntn	aaggccggcc	tntntggcct	ggnccttactt	660
aaatnaacca	taatattgcc	natgacagga	acggatactn	tgctaacggc	cnnatagttc	720
cncatttggg	accc					734

<210> 2765

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 2765

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gcacgagtag	ggctcttagta	ctggTTTggg	cataattata	ctcagtgttt	gggcctctgc	120
taaaattcta	agacgataag	aatatcagtt	taagttctgt	tacagtgtgt	ttcatgaagc	180
ttgtaagatt	gatatttaag	tggacaaagt	gggaagtagt	cagTTTTcag	ggctccaggg	240
gtcatcactt	tgtgctcaga	gtacagctgt	caactagtga	TTTggTgcat	ttagacaagg	300
aacaggagca	aagggcctat	ttcaagaggg	tcatagacac	tgCctTgtga	taagtgaatg	360
gctagagggt	ttcttggtaa	actgaagtcc	TTTTcacatt	TTtagctTTT	tctgtggcaa	420
cctgtctTTT	acagaagcta	ctcatgaact	ctggctTTTc	atTTTcaggg	ttgggctgga	480
cattctTTTga	TTTnntgntt	tgnttngntt	tctgagacag	agtctctctc	catcaccag	540
ctggagtgca	ctggcgTgat	ctcgctcact	gcaatctctg	tctctcgggT	cnggtgatct	600
cctgcctcag	nctnccgagt	agntgggact	gcagTTTcat	gctacacgcc	caggtaaatt	660
TTTngattt	tgatagaana	cagggtTTTg	ncatgtTggc	cgggctgnct	cnaactcctg	720
acctnaat						728

<210> 2766

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

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<400> 2766
cangctactt gttctttttt caggatccca tcgattcgaa ttcggcacga gcaattcttg 60
tctttattaa tttgacttct ctagggacct catttaaatg aaatcataca gaatttgaac 120
ttttgtatct ggataaaaaa tatatacagc attttgctga ctgtaaaatg tatttttttg 180
ggccgggtac ggtggctcat gcctgtaatc ccagcacttt ggtaggctga ggcagggtga 240
tcacctgagg tcgggagttt gagaccagcc tgaccaacat ggagaaaacc cgtctctact 300
aaaaataaaa aattagccag gcgtgggtggc acatgcctgt aatcccagat actcaggagg 360
ctgaggcagg agaatcgctt gaacctggga ggcggaggtt gcggtgagcc gagatcgcg 420
cattgcactc caagccttca attcctatct gtgagtaggt cctcaaggct tcctctgctc 480
ccagtccgac aacccatcgg ctgggacagt actgattctc cagctnctct gcagacatct 540
tcttncaagg aaccttgctt gggaaaccca caccaggcct ntagaactat agtgagtcgt 600
attacgtaga tccagacatg ataagataca ttgatgagtt tggacaaacc acactagaat 660
gcagtgaana aaancttatt gngaaattgn gaagctatgc tttatttgaa cc 712

```

<210> 2767

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

```

<400> 2767
ggnnntttgcn aatnctaggc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60
cacgagcagc tactcgggag gctgagggca caagaattgc ttgaaccggg gaggcagagg 120
ttgcagttag cccagattgt gccaccgcac tccagcctga atgacagagc gagactccac 180
ctaaaaaaag taaaagaaaa aaaagaggaa gaattagcac atttctatta cagaattgga 240
cttgaacatg caaaatcatg tctggatttc tcagtgaana gctgttttac gttagtggac 300
tcttctaaca ttttgaaatg gtgatctgga tttgggatct ggctatcact gaccacctt 360
gggtctgtga atgaccaact cacctaggng ggagtcagtt acccctgccn tacantggcc 420
catggancac ctgcgnaag aangnnnttn tgcttactga ttcttncatc tatggtgtcc 480
aattgggaag gatcctgngc cattgactga nctctntgag gggtgttatn aagcttgtgg 540
atccattctc atgactactg ggaaatttct gtgaatttga ccctgcccct gaactccaag 600
gcagcttttc ccctnnaaag gtnaaatcca anccctatta taactggggg ganttggtng 660
acaaaatttt ngggctantt taccgaccaa anttttncct gncctanaaa tgttcgnacc 720
cnncccgnaa tttggnnngc ttcaccccct c 751

```

<210> 2768

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(800)

<223> n = A,T,C or G

```

<400> 2768
gtaannnttc naatgcttgg ctactcganc tctntgcagg catcccatcg attcgtncnt 60
cntgtntang tcgncncagn ccttantngg gataactaaa tntactattt ttncnngta 120
ctctcnagga tttggatatg acttncaga tnnanagtng nnaactnatn ngagnataat 180
ccntgaacag nntttgttcn ncncatnctt ggagaggnch tgntatatnc agntcatgca 240
acactatcna ntnagggtat nnnccgncat ccatagtga tnatngntaa nccactngag 300
ggntncttan nnatntctgt nnagcncaga ccncnatnan nangannaag agcacntgnc 360
atatngnagn gnnagttact ncancntcnt gangtggaat acnnatgaca tcaatcgagn 420

```

tnaccatnac	gcanntgtac	tgatttgn	gancctcttt	ntaccaggca	taaatg	480
gtcnaanaga	gnccatnnna	cntaccnt	tntggctnna	tgtnngntcn	nccttgnan	540
gctntcctnt	gcatgantgg	ganntcaaan	nttcnggacn	ncaatttang	ggnettaann	600
tnaaaggunc	cannctnggg	ctctcnataa	taaccantan	nggnaaaatc	tgnaaccctt	660
gctctaccta	nncctagggn	gancctggga	tttgtnnnnn	naaaantccc	aacccttnan	720
tacttgagan	gntnccnngn	nttttnnaagn	nactttgnng	atagcnncn	aatgttnnn	780
cnntcangn	aatccnmtgn					800

<210> 2769

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2769

gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggatc	agtgaaaaac	60
attagtatac	gtttttaaat	aggctaattt	ttcaacttgg	atcattaggc	ttacgtacta	120
cttgtttcaa	atgtgtcaaa	tacaaaaatg	gtaactaggt	tgacagatac	tttgtatttt	180
tcttttgaat	tcagacctgg	aatgtaagta	agtgacaatg	cttatggaaa	gccagttagt	240
tagaattgga	aatctgtctt	gtcattttac	aagcattaga	ttcctttcct	gtgtgaagaa	300
agcctcagt	aaacaggtct	ttgccataac	tttatgaagt	gctacagaaa	gcacaaagaa	360
ttgattcatg	ttcatcaata	cctgctgaga	gtactgtccc	aggaatatcc	agtggatgga	420
ttcatcatcc	aggagggttca	aaagtaagat	ggttttcaaa	tcatttttga	gactggtgca	480
taacagcagg	gtacctgaaa	agagccttct	gggagttagt	gaactaggta	natggttttg	540
ntcacatacg	ccccatcaac	ttaaaagtga	atggccttgg	tataaatgan	gtcactatgg	600
acttacccta	aagatcttct	gtacttctgg	cttccatagg	acaaatgata	agtnctactt	660
nctcatctct	tngggttatt	aattggaann	cttgcatcca	tgggtattga	aattnaaa	718

<210> 2770

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2770

gcaatagttg	cnaatagcna	ggctacttgt	tctttttgca	ggatcccato	gattcgaatt	60
cggcacgagc	tttttctcac	tgaaatat	aagcactgca	ttttaagaaa	acttccatt	120
cattcgtaga	cttttatctg	gccagatttc	cactctgagg	gcttttcttt	ctagtatat	180
gacaaacat	aaattttatt	tcctttaagg	gcaaaaccaa	cctccaagca	catttatggc	240
ccatgtttta	agagctggcc	gncctttcta	tcctgtatct	ctgggttaaac	gtgttttctt	300
tntcttgagg	caaatttttc	aaagaggggc	taaagctatg	tgttcctctg	gagagaactn	360
ctgcctaccc	agcangaaag	aaaatgccag	agaagcctcc	gacctgggtt	ctgcccctgg	420
tagccaggtc	tcaggctana	agccttcttt	ttggttgcat	tggagtcctt	ctctacctca	480
cctttattgc	acttccctct	tggttcnnat	gtatnctcct	ctgnctnctt	taaagantgg	540
caactttttg	gactttggac	aattcctgtg	tagcaatctg	ggctgatttt	agagaggcct	600
tctgttctctg	cttccaatga	gctgattggg	tgatcagctg	attttattac	ctttccctgg	660
aggaagtana	gtcccaggat	gntggggaag	gcccnnctggg	gaccctgaa	gccctttatg	720
ttgaccctt						730

<210> 2771  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

```

<400> 2771
gnnttnanan agctngnnnn nnnctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata      120
caccgcatag tccatttcat ttcagctcct gatggcatct gaccgccgtg gacacttccc      180
agnngtntgg cttttggagg gagagtanag cggnggatga tctgtgccag ttggncactc      240
cttgatatt gnggttatnt ccaactggtct tgntgctcct ctgtgttgat tttcattaac      300
tcatttcacc tnaatgaatt ctggagcctg gctganatng tgcntactct ntgncagagg      360
atcatcatga acaaccctt atgtagcaag nttcccaggt tttttcagaa gtggtgaatc      420
catgccttgg cattcntgga ttattccatg tcatgtcaga tcattcatna aatnnatatt      480
gacacatgtc atgtgatgcn ttctatgctg acaccatcag gaattcaaaa nggtgaccac      540
acgttgntnt gntcctgagg acttccaggg ttanaaaaaan anataaaaaa aacttgaggg      600
ctntaaaact atatgagtc natttacgtn gnancngaca tgaatncnga atncattgaa      660
tgaantttgg ccaancccn aactatgaat tgccgttgac aaaaaggcct ttttttgnga      720
aantttgngc tgcttttgnn ttttaattgn naacc      755
  
```

<210> 2772  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

```

<400> 2772
gttgagctgc tcttgntctt ncnctggtn nactctgcagg atcccatcga ttcgaattcg      60
gcacgagccc ttctgagnnt gtccattcat nggtggttct gccctactc cccnagccct      120
naatacccca tctgctgttc ctaccnactn nncanccacc ggannntnca ttcagcnmtt      180
tgtctgaccc ctgnagcccn gagggngga gcagtgcnnat acanctcctt tnncaattgc      240
tggnacagacn gctatntgtn nctnanattn aanactttct gtctanttcg anctgaentt      300
cannactaac gctncaactn gngattcntt ctttaatccn tnaggatatct ntnattnctg      360
ngctnangan gngccttnaa nngctgagct tacntgccng ngantgnngn tattgngann      420
anggatnctg acattgnctt gntcacagtc nntntnagcg tgcaactgnga tganaanctt      480
gaccctgacc attanttgc naccgattna ttgcctgatg tacanactctt gntgnnanga      540
ccactgatct agatgntctn atctanatna tcnactgntg acattgtcta aancatcacn      600
natcaaagtt ttagatgcag tgnttgagaa tc      632
  
```

<210> 2773  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

```

<400> 2773
gtctatgctg gntannnata caggctactt gttctttttg caggatccca tcgactcgaa 60
ttcggcacga ggaccaagga gatgtgagtg aaaatgatgc aggctgcttc cagggtgtgac 120
cagtaagata cttcccatat aatcttccta ctctttcttc cctgtttggc atcccatgtg 180
ctaagaatgg gaaccctgag gtcctatatg tggaaaccata aggtaaatgt ctttgggctc 240
tgaatctcac acagggctca ctgagaataa gaaacatcct tcttgggctt tgtatgaata 300
agaaaatact agcaaatttt taagaaggaa gtaattccag tatttcacaa acccttccaa 360
agaatagtaa aaacaaagag ctttcctttc ctcgttatct aaaattagcc taactttgat 420
agcaaaacca gctaggagag ttgcaaagat aataatcaga agccagtctc actgaacata 480
aatgtgaaag tcttcagcaa aatattagtc tacttcgtgt tcacatcttt cttatgggag 540
actnttttgt ntggttgggt ttganatgga gtttcgctcn tggttgcccga ggctggagtg 600
caatggccgt gactttgggt naacccgacc tacgcctggg agacattttt attttcagaa 660
tggacccatt ttctctactg gtntgggcnc aaaactagac tctggattaa ncctcccctg 720
ngggttanga agtgggccat ntna 744

```

<210> 2774

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

```

<400> 2774
gtctatnctt tgaanctctt tgctacttgc nngntctgtn tgcaggatcc catcgattcg 60
aattcggcac gaggatctct ttngaggatga tgggtgctntc cgagctgttt ctggagatgc 120
tccagaggga ttttggctat agagtttata agatgctact gagccttcct gaaaaggctg 180
tgtccccacc tgaacctgag aaggaggang cngccaagga agaagccacc aaggaggaaag 240
aagccatcaa agaggacgtg gtcaangagc ccaaggatga ggcacacaat gagggcccg 300
ctacagagtc agaggccccg ctgaaggang atgggcttnt gccnaacca ctctcttctg 360
ggggagagga agaattnaaa accccggggc gaggcttctt gaggacctgt gtgagatngc 420
cctggaccca gaactgggtg tttnngangga tgatggatag gaggaagttt gnaggagcaa 480
agctggatga tinctgangtn cggtncongnt cctaaaccag tcacagatgg agttctntnc 540
acttcaagac atgccccagg acntggatcc ctnttgctnt gcttccctta nactgntctg 600
ttccttttag nggttctttt gatnccaact gatgtngctt ncttgaccg gccangactt 660
ngnganggaa ccttcttacc cttgggatcc cggnttaaatt ggnanaccan ggccaancca 720
aatggtttac cnagggnnng ngaaccnnaa aaaaattttt 760

```

<210> 2775

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

```

<400> 2775
gggnnnnnnn nananataca gntgttcttt ttgcaggatc cctcgattcg ctggaattag 60
attgtgtagg gcccagacatt ggatttatatt taagtacaat aggaagccac tggaaatgtga 120
taaccagagg cttgatgtaa tctagtctaa tctattaaag gattgctgtc tagtttgtga 180
taaattggagc cttgaccttg gtgtcaagaa attgtccttg ataccagcaa ggccaatttg 240
gaggttattg ccattctgag atgagaagca gtaatgactt ggtgtttatt tgagatagaa 300
agcaagtaaa atagaaacat tttctggtag tagaggcaag aaaacttggg gttaatatta 360

```



tcaaagcaga	taataagaaa	ttactgg	gtttagtagtaa	ttatctcact	gaactaaa	420
cccttgggtt	tattggactg	ggccgat	gtttgggttaa	gaaggaaatg	agaagtgttt	480
ttaatatggg	agatacctta	gcatatztat	aaacaaaaaac	tgataaacia	ggacaaaact	540
tccacttatg	gtcacgggtga	agtaactgat	actggcccgt	gttttctctc	cattaacaac	600
tagaaatctg	gttgcatacc	caaagaagct	ggctctgatc	cacactaatn	aaattgnnaa	660
aaatncangc	tttaatgatc	taggatccca	aaagtantgt	ggtcaaagcc	aaatncaaaa	720
gtcttttaag	gaagacc					737

<210> 2776  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 2776						
ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttccgcct	ggggctccct	gtgacctctc	agtccccctg	180
cccggccagc	caccgtcccc	agcacccaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgtttgg	ggggatattt	ttcataatta	tttaaaagac	300
aggccgggcg	cggnggctca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaacc	ccgtctctac	420
taaaaataca	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaaccgc	gtaggtgggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaangc	aagggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaaccctgg	caaccttggg	aaggcttcca	ttttntttcc	720
caaagcccn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2777  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 2777						
ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttccgcct	ggggctccct	gtgacctctc	agtccccctg	180
cccggccagc	caccgtcccc	agcacccaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgtttgg	ggggatattt	ttcataatta	tttaaaagac	300
aggccgggcg	cggnggctca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaacc	ccgtctctac	420
taaaaataca	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaaccgc	gtaggtgggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaangc	aagggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaaccctgg	caaccttggg	aaggcttcca	ttttntttcc	720
caaagcccn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2778  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

```

<400> 2778
gctatgtgga aatcgcnagg ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgagagg aagctgggtg agaagaagaa ggaaaaagtc gattctactg actgacgttt      120
ccccctgctg ttaagaatcc caaccacaca ctttcacaca ctattccagg ttctggctac      180
tgaatgatcc cacagctgag gtctattgnc atcgctccac ttctattttt agcagcacta      240
aaaacattcc caaaaaaaat gtttttttagc tttttaactg tagattcacc actaagaaat      300
tggcattgga acagtccaca gagcttattc aaatttcacc cattttacat gcactcattt      360
gtgttgcatg tgatatatag ttctatttca ttttatcacc tgtgtagatg gatgaaaaca      420
gcaacataag caagatacag agctgttccg tcatcacaga gctctgccat actatccttt      480
tatagccatc tctacctctg tcccccatth ctaaccctcg gaaaccacta atctgnnctt      540
cataattttc ttatttcaag aatcttacgt aaatagggat cacgaagtat aacctttgag      600
aatggccttt tcaactncatt cccttgagat acatccaggt agtngcatgt atcaatagnt      660
aattcctttt tattgctaca cagtctccat agtatgaata tactatgtac atagcatatn      720
tatttatagg tnacc                                     735
  
```

<210> 2779  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

```

<400> 2779
tgcgtcgngg agcgtgcnan tcgcatngcc nanaanaatg gcggggcgca tccctgacag      60
ttggataata ggttccagga agttcagtgg aaaatttttt caaagcaaca tttatagctg      120
attgaacttg aaaagccatt ttggtgttga atggcaaata tgtggacttc agcattcctg      180
gagcctgatg catcccgctg gatggccctg ttcttgtgta catgatggcc tggggactca      240
gcagtgtgca gggactctc ctttagaggg tgctttgagg aaagaagttt gctgccactt      300
acagaagtcc cttcccata cagtgatata acacaagtac cccatgtcca gggagcatct      360
ttcctctgat ggcttgagga cttattttatt aaaaggacag gaatgtctgg caagaaacag      420
aggagctctt aagtactgta aatactccta gtcactctgc atcagggctg caagtntaag      480
cagattgctg tgggtgtata acatgatttt agcatgataa cacttctggt taaatgncct      540
tagttgggtc gggngccacc actggcgtga gccttaagaa aggctaacgc cgntgngaag      600
aaagggcttt ataggccgng nntggagngg ntaaattntc tttagaactt aaaagaagaa      660
cttgcagggg atggggaagg ggaaaaatga acccatnggt ncanggaaat ntaggtgaac      720
angagnaatt gaaccnattt gcaagnntta aagaaaang                                     759
  
```

<210> 2780  
 <211> 678  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(678)  
<223> n = A,T,C or G

<400> 2780

ntnnanncn	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
cgttnacnga	ctacgtgtng	agcncgtgn	cagacnctga	ntncacnntg	gngaanaatga	120
nngtctaggg	gnctcagccc	gtntnnttcn	taatccagt	aganacnaan	acatgtacac	180
aggctncgat	nantttgtgnc	aattgggaaa	tgtgccatgc	tactagggga	tggatgagat	240
cncagcttan	tcttggnaa	aatgagtng	ncntngcaan	taagggngga	anagaatatt	300
atcaagagag	gtgangaaa	ttgncgngac	ctcaagtgt	caganatgag	aatacnntgc	360
tgtntaaatn	actgcttnac	ctcnatang	gnngaggtn	ngtntnnntg	agctaatacgt	420
atntcangng	atgttatcng	gaagaanaaa	ggctnnnaaa	cnntcncttt	tnagncacgt	480
atgtgcactt	aactgcaa	ggtactggg	gagccatata	tggacttatc	tgaaaatgac	540
ctancncaat	tgncctttag	aaaanccng	ctgccttgta	actngtaatg	gcaactgagg	600
tggtagacat	atngatttgc	actatgagtn	gaatncttat	ntctgtnga	gtgcattcct	660
tcgtggntng	gactgaac					678

<210> 2781

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 2781

ggcacgagat	tttttttggt	cgaatgagcc	ttaatcttnt	actagtgatt	ttttgtttga	60
aggagccttg	atcttggcca	ccgaaaaggt	naaaccagt	gcaagcttga	atgcttgttt	120
tatggtagac	ttagatacga	gaacgggtaa	agggtagctg	ataaacttgg	gatataagat	180
tgcttccttt	atgcatacca	ctcataccac	tgggtgggaa	tttcatttgg	aattactccc	240
tagggccatg	gagtcttcct	gcataatgct	ataatgtaag	ttcccattac	ctttggtaat	300
aagaaaatat	ctttaaaaca	agttagcttt	tcctattggn	tatatatgga	aggacangct	360
gttttccttn	ctgtgcattt	agcattttgn	gtatnctctc	attgcncnaa	ntatgcttat	420
aacattgtga	aaccccgctc	ctactaaaaa	tacaaanatt	agccaggcat	ggtggagccg	480
tgcttggaat	ccctgctgct	taagaagctg	aggcnaaga	attgcttgac	ctgggatgca	540
aaagttgcag	tgancctaca	tcacancant	gccttcancc	ttggggacaa	aactgtttct	600
cnnnaaaaaa	antaaanaa	tttgagcctt	taaaactatn	gtggagncgt	attacnntan	660
atccngacnt	ggatnagaat	cn				682

<210> 2782

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 2782

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cgaggagntc	gnanctcctg	gtggcgcttt	tttgagctgc	agtgtctaaa	gagtgccctg	120
antccaccaa	gagaaggccc	aggaggaaga	agagaaaaag	atgctgtggg	tactagtgcc	180
aaaaatgctg	gcaggaacaa	ggaggagaag	acaatcataa	aaaagctgnt	cttttttcga	240
tcggggaaac	agacctagat	ccaaggccac	aagtaaggct	atggctctga	ttctagaaga	300

caaccttcca	agatgcttg	ca	scacc	tccctgtgcc	acacagacac	ac	gcttg	360
tgtattttatt	tcccccttcaa	ag	gactga	ggagggagga	gacgaggntc	tct	ggcatc	420
acttttctccc	tggctgcaga	actagacacc	cttgaagatt	tggcctgggc	cagtgagact			480
gaaatcaaga	aaaacagaag	ggatgtgcaa	ggtggggggg	tccacttntc	gctcccatgt			540
caacccccan	ggccttcagc	gtgcagacgc	ctgncctact	catctgctcc	cacnggatgg			600
accctgggct	ttaangggta	agcanaaagg	gagaaaaaga	aaacccggaa	aatgngccta			660
ttggagaatt	cccagngggg	gaccttcacc	tggatattta	aanggaaana	ttnggatttt			720
aagcccaaca	tgcccttntc	tttanggggg	aantnngggg	attaaaaagg	naaaaaagga			780
ttcc								784

<210> 2783

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2783

nnnttnntna	nnnttgggct	aacgccctnn	aagnaaccag	tcggnncgaa	ttcggcacga	60
gaagacctgc	agcttcagca	tcacttgaga	agttnttagg	aatgcatact	agtgggcccc	120
gccccagac	atagtgaatc	agaaaccaac	agggaggcgc	ctagcattgt	ttttttaaca	180
agtgtgggt	tattctgatg	cacagtctag	tttaagaacc	actactttgg	gtaaacgttt	240
tgactgttta	aagtttatgg	cggtgaagtg	ggcatcttca	aagactagta	cttacacagt	300
ttagaagatt	tcaaggtact	gctgacagta	gtttattatg	tcagtataca	tacgtgtaga	360
gatcataatt	tagttccctt	cttaatgtta	caattttctta	gtttactttt	cctaaagggc	420
catagcataa	ttcttgattc	ctgggtgaaa	tcttttctga	ggtgtggggg	tgggcaaggt	480
gtggattgct	gtttacgata	gtgccttcat	tagtttttagt	tctgtctgtt	ttcattcatt	540
attgactcaa	aggtattaga	acaggccctt	atctttttcc	tattagattt	atttttgntt	600
tttactttat	gtaagttcag	aatccttttt	ttaaagtgat	gactactgat	gaaataatgn	660
tactagtagc	tgaatttaga	cttgatgcta	tgntgataat	atttaaattg	tgaaaagtaa	720
ttaaggcaaa	atagcaattn	t				741

<210> 2784

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2784

nttcnnntn	nttggctggt	nttcngcagg	ancccatcga	ttcgtgcct	cctccttagg	60
cagagagctc	cttgggttcca	tttgaaaacc	ttccttcccc	ttttgctgga	attgagagac	120
tgaggacaca	aagtgggtgtg	ctggagaata	aactagagcc	tgtgggtgcca	gactggcaac	180
ttggggattg	tgtgagttag	ggagagattg	tgagagctga	atcctaacat	tgctgatgag	240
tggacagaaa	ccataggcct	catgaatagt	gatttctgaa	gtcaaagccc	agtatgctta	300
aatatcaacc	caagtgggtt	gggagagggg	agcacagctt	actgttctgc	taaaattctt	360
tgaggaatta	agtnagaata	cgtgtaaggt	acgtagcaat	ggttattttac	aaaatggact	420
ctgcctgcag	attatttagta	tgtctcagat	gtaaaaccag	ctcaaaagta	ctangacgat	480
ttgtagtagt	atttaattat	ttgtaaactt	acaccgtttt	tcttcacgtt	tgcagaatac	540
aaatctttgn	cagtagtgaa	atgngaattc	agtaggatta	aactgngtgt	aaaccttggtg	600
ggcgggatga	agagaggcag	aagcgcgtac	tggtgctgta	gttgcccgcga	agctcaaggg	660

```

cccactatgt actgctctgg g    actgc ccagaggtaa ggggaagctt c    agacn    720
t                                721

```

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<210> 2785
<211> 730
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

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<400> 2785
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cacgaggggt tctttaacct gtgcttcctc tgtcctactt cccatcctgc acagttcata    120
gagtcacttt ctgactatcc tatagacaca gtaattggac ctgtgttttt ttctaactctt    180
tatatgacag cacatttctt aattcagggg ccatccccct tcccaaattc catcctgtga    240
gatgtgaaac ctgtgagttc atgtgaatga gtgtttgaag ggcttgacgc catgtagtct    300
cttaggaagg cttcaggggtg ctcttatgtt gatgctttgc cattatcaaa tggcattgat    360
tgatccgagg gactcagaaa gttagggtag actctataaa taatttcatt attcctcatc    420
ctctnctgtc tcattttatt ggtagtcat tctgccagat cactaagatt cttcctctac    480
aggccccgca aaattncaca gagccctgat tctncacctg cagatggagt ctccctatcc    540
cattgctcag cttttcaaga tttattatga tgctggcaag tganggaatt tcttaagccg    600
agaaatcaga agttcatgcc tgttacctcc taagaaccgg gngtnaaaga ccatntatcc    660
tggtctgana tggcgggcct ttagtgagaa ataagttggt ttaagttgg ttcagaaaaa    720
aaaaccacc                                730

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```

<210> 2786
<211> 759
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

```

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<400> 2786
agagtttgng tgtagcgct tcnctaagan nntggcggtg cgaattcggc acgagcaggg    60
atccacttgc cttaatttgc acagtgttct tataaatcaa cagaaagtac acataacaga    120
aaaattttaa aggttaggga tcatttagga aaaaatgcaa atgccacaa atgtgagaaa    180
atgctcaatc ttacttataa ttaagaact acaattcagc caggcgcggt ggctcatgcc    240
tgtaatccca gctacttggg aggtgagggc acgagaattg cttgaaccca agagggagag    300
gttgcaagtga gccaatgca tgccactgca ctccagcctg ggcgacagag caagacttgt    360
ctcaaaaaca aacaancata aaacaacaaa naaattacca ttaaaaatga gagagttttc    420
attggcaaag ttaaaaagaa aggtgaaaga aaaacctact cttcttgatt tgtgtttggt    480
cacttatgga gaattttatt tgtcataagg nctgaatcat aattaaatat gttctttggg    540
tctancagtt cttctatttc ttgnattata agtaaacctt ggaaccatct tanacactga    600
tcatgaagac taatttgnaa taanaaagtt tctagccttt cattccnatg gaaatatggt    660
tgcccgntaa aaaaaaaagc ctctagaact ttagtgagtg cgnattaccg ttagatccng    720
aacttgatta aggatacaat tgattaagtt tgggacnnt                                759

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```

<210> 2787
<211> 751
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 2787  
 gncttttnaaa tcnnttgcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60  
 cgagatgggg tatagatggg tttccccctg tgtactctag taaatttcta tgccatttct 120  
 cctatcgatc tgccttttgt cagttgattt ttcagcttaa cttcagagag caaaggggaa 180  
 ggtggccaag tgcagtgtct catgcctgta atcccagcac tgtgggaagc tgaggcaggc 240  
 agatcacttg aagtcaggag ttcaagacca gcctggccaa catggtgaaa ccctatcttt 300  
 actataaaga aaaataagtc gagtgtgggt gtgcacactt gtaatcccag ctactcagga 360  
 ggctgaggca gaagaattgc ttgaactcgg gagatggagg ttgcagttag ccaaaatcgc 420  
 gccactgcgc tccaacctgg gtgacagagt aagaccctgt ctcaaaaaaa aaaaaaaaaa 480  
 actcgagcct ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca 540  
 ttgatgagtt tgggacaaac cacaactaga atgcagtga aaaaatgctt tatttgtgaa 600  
 aatttngat gctattgctt tatttgnan cctttttaag ctgcaataaa ccaagttaac 660  
 aaccaccatt ggcatttcat tttatggttt caaggttcaa gggggaagtt ttgggaagg 720  
 tttttnaatt tccnggcccc ggngnccaat n 751

<210> 2788  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 2788  
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 catttaata ctaagttgag ggcatanag cttttntgtg cctataatcc cagtgttttg 120  
 ggaggcctag gcgggaggat gccttgagcc caggagattg aagctgcagt gaattatgag 180  
 ccaatgcact ccagcctggg tgagagttag accctatctc aaaacagcaa caacaacaag 240  
 atacaaattg agaaactggt acttgatttg cgatatgtat tctgtccagc agtgatagaa 300  
 taacaaggac tgggtttacc ttgctatttt aagcaacaat atatgaaata gcaatttgta 360  
 ggcattgggt aacaggcaaa gcaagactgt ggtcactgaa agctgggaaa caaacctact 420  
 gagctctatg gttgcccaa tttattatct ggaggtagtt ttcaggctgc agagcaggga 480  
 tggggaagtc aaacagagca tgggtgtcta gaattgggag gacaagatgg gggttggcgg 540  
 ggagggaagg ttgtcatcat tcgtggggca gaggaccaga gaagtgggaa gttgtacaca 600  
 gaacttccag tgataggtgg aggagtcttc tgaatctggt tgaatcctga tctacaggtg 660  
 catgaaaagg agaaccctc gaggnacaga aaagaacca ctggaaacca caggccaaac 720  
 aattnctggg actcacact 739

<210> 2789  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2789  
 ttagnnnncg nccgntgac cnggaaancc ccaggagcnc nncgntgcga attcggcacg 60

agtcttctag	gaatgagggg	ca	gcca	ccccagntt	ttcagtggg	tt	ggcca	120
cctcaggact	ccaagaggct	gtg	ggagcc	accactccta	gccacagctg	cca	gataag	180
tccttccatg	aaggactgag	gagggagagt	gggggtccag	ggctggtgct	gctcttccct			240
cagctctgcc	ggggctctaa	ggccctccta	tttatttctc	aaccctggct	ggcctctcac			300
caggagttta	ggctgaatgc	cttcacagtg	atggaggaaa	aggccaactc	tgtcctggtc			360
ttgctgtggc	accccatcgc	cccacagctc	gtaccttctc	accagattcc	cctgaatcca			420
aactcgtggt	gcaaacctct	acctttttta	caaaaagatc	ttattgttaa	tttattgntt			480
ctggcacttg	ggcaaaccct	gtagttaata	ctcctcccac	actagacact	gggtttcagg			540
aggagggaga	ctgccctgct	ttgggtcccag	agaggccctc	tgcatatagg	cgtggccctt			600
cttcagagga	cactacccta	gggcactttc	tctttgaggt	ggagagaccc	ataaagcctt			660
gacacatcac	tncatatggg	ggaggaagaa	aggatccctg	gcaccttctc	ctctctttaa			720
nggggcccctt	ttgcaagccc	tagncn						746

<210> 2790

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 2790

nccnngggnn	cagacggaaa	gcccangagc	cnggcgaggc	gcnganacat	ganaancact	60
tgaaccnng	aggtggnnga	tgcagttttn	ttttgattga	gccattgcac	tcnagcctgg	120
gcaacatagc	gagactctag	nctcaagaag	annanaaata	gactgagana	aagaaganga	180
aaaaactnnn	gaggccacca	gtcctgngaa	gacaacaaag	aagcagggct	ctgagagaga	240
ncnangaggg	cataggtggc	ccgaggacat	naganggggt	nanctncang	ngaaatnggn	300
gggaacggtg	ntccaggcnt	agggaatagc	ncatgnaaan	gccgtgataa	agggaanaaa	360
ctnggtgnga	tggaggaatg	ncagagaggg	cagaacagan	cnagagggca	ncattcgtag	420
gagacgaggg	aatcacgggc	ctgccaggcc	atggangggg	tgnggattct	annacgaagc	480
ctgaggaaaag	tnaaggcnng	gannancaca	ncaaagatgc	cancnggctt	gggcttacgn	540
acctcccca	tggcngcatg	ggaangaaaa	ttaanatgnn	cgcaccaaaa	agttgnaann	600
aangnngaac	gcagcnnngg	tgnnannngn	ccccangggc	aaaannggnc	aaagnanggg	660
nccggggtcn	nggggcttg	aaaangatat	gacggggngc	caagnaaggc	tccaanaaaa	720
atcgganccn	ngggaanaac	nngggaganc	nngcnnggan	ngggacaaaa	attngggnc	780
cnggccaagg	ncccggnngg	cacccanatg	ggcg			814

<210> 2791

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2791

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tattgtggag	aggcacagtt	caggaggaat	agntttcgtc	ttgaagagga	ggacactttc	120
ctgtgaatca	tgagggacag	aagatccata	tagaagaaga	caatagcttt	gatcttctat	180
tacaagaaaa	ggaatgccag	tgtaagagat	ggcatgatat	ggaagtgtat	tccttttcag	240
gcctgcagag	tgtccctccc	ttggctccag	aacgaagatc	cacacttgag	gactactctc	300
agtcgctgca	cgccagaact	ctgtctggct	ctccccgatc	ctgttctgag	caagctcgag	360
tcttcgtgga	tgatgtgacc	attgaggacc	tgtcaggcta	catggagtat	tacttgata	420

ttcccaanaa	aatgtccac	anaaaa	tgatgtacac	ctgatagcaa	gtaatt	480
catatgcttt	aaaccaatga	aggttgnca	aagagattta	gttaatggca	gatttgnng	540
ccactttntg	tgagaagaca	tctcttntg	ctcactgtct	tgcaataaaa	acttttntg	600
gcaaaanacc	aaantttaga	gtanccntt	aaangaaaaa	ccttggncct	cttanaactn	660
ttntggaggc	gnatttncn	tngaattccc	accttggatt	caggaatcct	ttgatnaant	720
ttnggaaaaa	ccccccactt	ggaaatgccc				750

<210> 2792

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 2792

agcttncnnt	nnatnagtnn	nggaactngc	cgcannatcc	cancnantcg	ctccgcagca	60
ggccccctgt	gtccccccac	ctgctggctg	agctcntnct	ggcctcgtcc	cctctcagct	120
gtagctgcac	cacccccgct	ctggctacca	ggctctcccg	gctgggcact	gcgtggcctt	180
gccccctctc	cgctggcagc	tcttcagggg	aacaggggct	accagaggct	gatttctccc	240
ctctcctggg	ccaggggagg	ggtattatcc	ctgcctcctg	cccccgatgc	ccaaagcagc	300
atcttccagc	actttccatc	gaggacttgg	gtggcagant	gtgggtgcag	cctggctgtt	360
gtcaccccaa	gtgctagctc	tgcacttcgt	gtctgctgag	agcaaccaag	accttccatg	420
tctctgaggc	agctgcaact	ccccgcgaga	ccccgcannt	gggtgggatg	aacaaagcaa	480
cgcagaccac	angcgagtgc	ctgggaagga	gtggngccang	gtggttctgg	agccattgtg	540
gggtgagggt	nagggccacc	gaagtncgc	ncaccgntgn	ctgccctgca	ctggctttaa	600
caagttnngt	ntgccaaana	ctnttcaatt	taccatcaag	ccggtctant	gtcttcaagg	660
nattggagcc	tgcgattcct	tgggggcacc	ntggggcccc	cncggctnt	gggntccctt	720
ggnggggaaat	gggcccagc	cgggctttgc	nggtttcctt	ccnttanggg		770

<210> 2793

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 2793

tctanccttg	ngtgtancgc	ctngcctann	agantgggtg	gncggaagat	gaggaagcca	60
gcactggatc	tcatctcaag	ctcatnttag	atgctttcct	acagcagtta	cccaactgtg	120
tcaaccgaga	tctgatagac	aaggcagcaa	tggatttttg	catgaacatg	aacacaaaag	180
caaacaggaa	gaagtggta	cgggcactct	tcatagttcc	tagacaaagg	tacggaaaaa	240
ggaccagatc	aatattgaaa	caaagaataa	aactgttcgt	tttataggag	aactaactaa	300
gtttaagatg	ttcaccaaaa	atgacacact	gcattgttta	aagggttagtg	ctgaattagt	360
tgattgtttt	taattgaaaa	gtttaaagnt	ttaattatna	atgggtggata	aagtgaataa	420
atncaatatt	tgattaatcc	aaaagaagac	cangaaanga	agaaaaagtn	acgtttaaca	480
agtgtgcana	atacaaaaac	natagtgaga	tcttagatac	ttatgcagtt	ctaccgagtn	540
nttaccgtga	aatntaaaaa	agggnggaaa	atantntcca	aggttaaagc	ctttaaaaaa	600
tattannaac	tttggattca	aaaacaaact	nncttatgga	agccnttttn	ccaacnagga	660
ngtccanccc	tttaaaatan	tgaaggatt	ntgtaaaaaa	aanannntta	aaaaaacttt	720
gngcncctt	tttaaaancnt	nttttggng	ggggcctttt	nnccgtnaaa	attccctacn	780
ctttgtatta	nagnacnctt	ttnggg				806



<210> 2794  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2794  
 tnanttnnnn ggttggnngt tcttcnntaa gatncaancg atncgaattc ggcacgaggg 60  
 cacagtcagg gagttagtta gtgggtagac tcagcaggag ttggttgcta ttcagatgtg 120  
 ttggggaaag tgacaggcat agctgactcg gggtcattca ctaagccagg agcccaggaa 180  
 gacacacaga tgcaagcaga gatcgtgcc a ttacactcca gcctgggcta cagagtgaga 240  
 ctctgtgtca aaaaaaaaaa gaaagaaaat gggcttgtgt ggtagcaggt aagaaattga 300  
 atctctgttg tacagcagct agctgtactg catgatcact tcccattccc cagctgacag 360  
 tggtgtgtct tgggaactcct accacagtct tcaattggta ggccagccct ggtgccagtg 420  
 attttatctg ggcattgaaa atgccacttg cttctgtgga agagacactt aaaagatctg 480  
 gcagtcggcc ggggtcgggtg gctcacgcct ataatcccaa cactctggga ggtcaaggca 540  
 ngcggatcac gaagtcagga gatggagacc atnctggcta acacggtgaa acccttgtct 600  
 ctactaaaaa aaaangnaaa aaaaaactcg agcctntana ctatagttag tcnattcct 660  
 agatncngac atgataagat ncattgatga gtttggacaa ccacactnga atgcntgaaa 720  
 aaaatgtttt tttntat 737

<210> 2795  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

<400> 2795  
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 ctgcgcgggg ctcccagccc tgctgggaag gaccagggaa ccactcagca aggagaccct 120  
 cttggccctg cccccacat gcacccagca gccgggagtg cagcgggcag cctggcagtg 180  
 agtgaaaccc aggcctccag ccctccaaag cctggggcca ccccctgtag caggcgatgc 240  
 tagaataagg aggagagcca gagctgaggc tccttgcccc ttggccccctc caggggccat 300  
 gggatctctg tctccacac ccctgtcacg gcccgccctg agcagccag aggccgaaga 360  
 ggttcttact gcagcctccg ggaggtgtct agggaggcca tagattgcct ggtctcgccg 420  
 cattcaaaat gaggttatg atcagtactt ttttcagccc cacattcctc tccagaatgg 480  
 cctctgccct acagcacctg gcccatgtgg caccatgtgg gcctgtcctc tgctgttgtg 540  
 aggtcgacct nacgaccag cacaggagct ggaagccaag tgcaacgcan gctcttcaca 600  
 gcccagaag gcagcctgtc accctgtctc ccgaccaagg gccaanagtgt ggggggcaca 660  
 agccatnctc atcctgncag gccccgcttt cagaatgggg tggtgccaat gctccactna 720  
 aaccct 726

<210> 2796  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(721)  
 <223> n = A,T,C or G

<400> 2796  
 gnnnttanga tcagctcttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60  
 ccgccgccgc caccaccacc accactgcag caacaacagc agcagcagca gcagcgctg 120  
 catagctcca ctctgacctg tgaaggaatg gggatgaggc caggagctag tgtctaccac 180  
 ggccacacag ggagcagtgt gggcccttag cccccaaggg gcctgctatg catgtggctt 240  
 tttttttttt aaacacagta aactagatta gtcgtcagtg ttttaattgc ccctcttctc 300  
 ctctctgca ttctctctct ctctctcttc ctctctgtcc ctctcttctc ccctctcaac 360  
 caggagacca tcatgtctct ctgccttctc cctctcccct ccaggggagt caggctgtct 420  
 gtgaaagcca tgagcttctc tccctctccc actcctctc tcctactttc agatggattt 480  
 attccttttt ttaaacaatg aacatcgga atgagactgt ggggtgtggt nctctctctc 540  
 ttttttttta attttctttg ttgggttttt gagcaacctc atgtcccttc caggagctt 600  
 ttaattacct cttanaactc aagtggatgg gaagtagagc actatgtgtc aatatgcttt 660  
 ggtttctgac acgattacnc agcgaggctt taatgccatt gggtaggtga gcttctgcct 720  
 t 721

<210> 2797  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 2797  
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 gccttntctgt ggaagtgcac tgctcatttt ngccttattn gtgnacnngg ggangnncta 120  
 aanttggcct gtntncangg gttaagggtca cactgnncta attngcaatg ggaacaccat 180  
 gtactnagtt ggntncnncc gttnttagga aagctttcnt tatgcaaggg ataacatcna 240  
 atagggcact tatcccaa atgaatgcagca atttaaacca nngatgttta cgcattgcaa 300  
 gaacacngtt aggcaggant ntgggggtcaa ctangctgat gtctttgaac acccatgagc 360  
 tcaactggaan gtntgnatat cnggtggccg atgggctnng ggngtntntnt gnttgctcat 420  
 angcgnaatt taaangnnga gttatgtggg nganaatatg tatgtttgca attacacatg 480  
 gaatgtaaac caaagataca nttctnagcn ccctaaccnc taantggatn ccctcntntc 540  
 anncaanggg nntntccacn gggaacctga aacactagtt naggtgtgta tggacatgag 600  
 tgggtggaca tgcttncatg gnaaggaatt nntacncnac tnaccttcat gaacattcna 660  
 ncngagacct ttaagggtna ncaaganatg acttttgngt nnggaatatg aaggtggaat 720  
 tgacacana ggccttgaaa tggnaatgna 750

<210> 2798  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 2798  
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 ggaacaaaca aaaaatgcac agttcataat aatttctctt cgaaataata tgtttgagat 120  
 ttcggataga cttattggaa tttacaagac atacaacata acaaaaagtg ttgctgtaaa 180

tccaaaagaa attgcatcta agcttttn ntanatgctn cttgcaaaac taacnctc	240
atatggcatg atccattnac antccgtnn cnatatctgn cntctngctg naccntnncn	300
nnatctncnn tntctacnnc nntnaccnct gnannacgtg acgnagcnct cnctnagatc	360
antganactg antatntntc angatcatnt cacaattcnn nctctntngn acnnnactgt	420
angncnatca atctgcctta cnannccaca ncngantggn canncntgng agaccnccnc	480
tttnnnangc caatgcnnnn ggatcacctt agncctntgt cctgccgncc ctgtntctnn	540
tnnngaaacc nntctnttac tcccaatang nnnnatgcct ncnntntnc tnancncgcc	600
cntttaantn ccancnttcn ttggcnaggc cccanacact ggmnantnn acttntntcc	660
cccaantng nggannggt nnnannnaa nccnnnattt gnnncncaacn tnnnnccnnn	720
ccngngcntn aatnccatnt nnnannnaan nnaanaacc n	761

<210> 2799

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 2799

gnntnnnnnnn ttnnnncacg ctcttgttct ttttgcagga tccctcgatt cgaattcggc	60
acgaggcaca agccactgtg cccggccaat actgcanaat attttaaaaa gttaaaatta	120
tctcttctgg ctggtcatag tggctcacac ttttaatccc agcacactgg gaagctcagt	180
cagaaggatt ccttgaggcc aggagttcaa gatcagtctg ggcaacacag accccatata	240
tccaaaaaaa taaaaataaa taaataaaac agttatcagg ctgggagtggt tggctcatgc	300
ctgtaatccc accacttttg gaggtgagg caggcagatc atgaggtcaa gagatcaaga	360
ccagcctggc caatgcggtg aaacttttgt ctctactaaa aattcaaaan ntaaaattag	420
ccaggtgagt tggcgggcgc ctgtaatccc agcccgttg ggaggctgag gcaggagaat	480
tgcttgaatc tgggaggcga agttgcagt agttgagttc ttggccactg cactccaacc	540
tgggtgacaa gagcaaactc atctatnaaa annaagacac tnagcttnat agttntgaga	600
tatcttttagc atgttntatt tccaatgtta gaaaattatc tttgntattg tcattttgtg	660
gtgatactna gctctttgct ctgatactat aatgngct	698

<210> 2800

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2800

gtntangncn gcactncttg ntttgtgcn gatgcncgat ntngaattc ggcacgagac	60
ctcttcttca ttgttaaaat ggaaataata atactaccta gctcgtggga ttgttgtgag	120
acaacaacaa atgagacaac agagatctga aactctgcct ggcccctggt atataccaag	180
tccacagtta aattagcctt tggtactaaa tcattgtttg ggtagaaatc ctcagatttt	240
ggatttctca agtgctcctt ttctactgtc caaaaggcag aatgttattt ttgctcgatt	300
ccattatgta atatcctatg aatttgaaat ttcggaggag gcacagcatg gggctgtgga	360
aatggtgcag gtatctgcat ccgaaactcc gaagttgtgt ggggaggtcc tctctcctga	420
gccagaggc aaaaagctgc tcccaagaaa tgatctttat gcccacagt ccaaagcccc	480
acattaaaca agtctcaag acaagaaggc aatgtgaccc tggcccccac gttttgtttt	540
gacttttaat ttcaaaataa tatcattgtg ggggggctta tagtttttaa cagctgaaag	600
ttatatagac agaaaaaatg ctcaatgagt agaaaangga aaaccttac ttttaagaaa	660

acgtgattaa tcaaagagat atggttg acctcaggcc atcactttga acggnac 720  
 tggntgnaaa atggcttncc a 741

<210> 2801  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 2801  
 gggntntan tatcagctct tggtcttttt gcaggatccc tcgattcgaa ttcggcacga 60  
 gagcctctga tcatcaagac atggcagaat aaaaagacaa gtcacaggct agctgaagat 120  
 atttgcaata cataaatcca gcaaagactt atatccagag tatataaaga agttctgtaa 180  
 atcagtgaga aaaaagacaa acccccctaat taagaatagt caaaagattt gaacaggcac 240  
 ttcacaaaag gggggtattg aaatggccaa taaacacata atcattactt atcacagaaa 300  
 agcaaattaa aaacagaaag agataccaca acctcctccc cagaatgtct atatggaaac 360  
 aaatgtcaat accagggttt gacccaaaac aactggaact ttcacacatt tttgctaaag 420  
 tgtaaaactgg tacaacctct tcagaaaact gtttgacaag atttttgttt ttgtttttat 480  
 acagttaaac acttaactta tgactaagca ttctgtcctt aggtattttac ccaagagaaa 540  
 tgaaaatgta tccaaacaaa gacttgtaca agaatgtcac agcagcttta ctcaaaatcc 600  
 tacaaactag aaagaccag gtgtccacca ataggagaag ggaggaaaaa actaaaacca 660  
 ctttggtgna atctctgcc gtaaggaatg aattactcgt gcgtgtacaa tatggatgtg 720  
 tcaaaacaaa 730

<210> 2802  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 2802  
 gtaatagcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagggcag 60  
 aagagcagac atggcagatg cttttctatc ttggtgttga tgctttacgc aagagttttg 120  
 agatgaccgt ggaaaaagta cagggtatta gcagattgga acaactttgt gaggaatttt 180  
 cagaagagga acgagtaaga gaactcaagc aagaaaagaa acgccccaaa cggaagaata 240  
 gacgaaaaaa taagtgtgtg tgtgatattc ctactccctt acaaacagca gatgaaaagg 300  
 aagtaagcca agagaaggaa acagacttca tagaaaatag cagctgcaaa gcctgtggca 360  
 gcactgaaga tggttaatact tgtgtagaag taattgttac caatgaaaat acatcatgta 420  
 cctgtcctag cagtggcaat cttttggggg cccctaaaat aaagaaaggc ttatctccac 480  
 actgtaatgg tagtgattgt ggatattcat ctagcatgga agggagtga acaggttctc 540  
 gggaggggttc ggatgttgcc tgactgaan gcatttgtaa tcatgatgaa caccgtgatg 600  
 actcttngt tcatcactgt gaagaccaag angatgatgg tgatagttgt gttgaatgtt 660  
 nggccaatct gaagagaacg acccanaana aaaaannnnn nnnnnnnnnn nnnnnnnnna 720  
 aaaaaacctc cc 732

<210> 2803  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 2803  
 ggntcnaatg ctggctcttg tgcntnatgc aggatcccat cgattcgacg gagttgagtt 60  
 gctaactttt gtccttttcc tcagttttcca gatgagttta ncagtaaagn atgcttttcc 120  
 caggcncaaa ttgggaatgg aaatcaccta gntccgttcc ctctgacagc tgtaatccan 180  
 agagctnagc tgnttacttc attagctnng tataagctga cgacagcagt gcccttgctt 240  
 tatntttgac agagctagga aanaagcctt ctttgtttct gctgtaatca tagttaccct 300  
 tganctgaaa tatcttacat tnattctcaa gcaggtaggg agagganaaa agacattgcg 360  
 aaaatnacac ctgaatgcct ggagcatgga agacattctg tccctagcct tttccctntg 420  
 antttgganc ctgngcccac tatgcccaaa gactgagctt tctaaancat ntatngattn 480  
 atgttattnc nctccctana aggcttttcag aggatctcca tggcctacg aagaacttca 540  
 gatccttanc atgctacaga actcancatg atcaggntc cttattttctc taattgattt 600  
 aaccacngat nctatgtgtc cttacattca gactcaataa nntncttaaa nttttcctgn 660  
 anaccaanna gatnctataa aggctngagc cctttaaaac tanangnggt cgaattccgn 720  
 agnaccagaa nn 732

<210> 2804  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 2804  
 gaaannagct cttgtctttt gcaggatccc tcgattcgaa ttcggcacga ggcagccaat 60  
 tgggaagagt gacttctgtg agatggctgg ctggtgatag gactaagttc tcattgttca 120  
 aatagagctg ttcaacatca ctgaaacctt taagaaaagc cctgagatca gttattccta 180  
 caagttaag tagtagacag atactatcca gctctaagtc tcaactgctc ttttatactg 240  
 tactttttt ttgagacgga gttttgctct tgtagcccag gctggagtg c aatggcagga 300  
 tctcagatca ctgcaacctc tgcctcctgg gttcaagcga ttttcctgct tcattctccc 360  
 aggtagctgg gattacaggc atgtgccaca acgcctggct aattttgtat ttttagtaga 420  
 gactgggttc tccatgttgg tcaggctggc ctcaaactcc cgacctcagg tgatccgccg 480  
 cctcggcctc ctaaagtgtc gggattacag gcgtgagcca ctgcgcccag ctatactgna 540  
 tattttaaga agttccagca tgttgcattc ctgcatttat cctatatcat taaaagaaca 600  
 taagttatca tgggtgttgg taaattagcg aaaatcaacc ctttctaagt ttaagggaaa 660  
 aagtattttt aaaaacaact taatnaaaac ttacactctt ttattacaag aatgtatttc 720  
 ccttaaatn 729

<210> 2805  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 2805  
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tctcatttta	taatttgttc	agccag	cangaccaac	tttttaaaaa	aaataac	120
agtagtttta	tgaaaactaa	gtgaaaac	agtttccacc	tatttctgag	gttcttta	180
gaaggagtaa	cagacagctt	ttatttctct	taaagttata	aaaatcaca	tcgcaagtca	240
caatgaatac	tgggaaggga	aattactttt	gcagagtgat	caagtaaag	atagcggggg	300
ctaaactttt	ttagtaaaact	tgtgaagatt	acatacagta	aagtgcataa	atcttgagtg	360
tcaattcaat	gaatttttat	aagtaaacac	actttgagag	caagcatcct	aagactccac	420
ttcctccaga	attagctgat	gttcaggcat	aaggttgttt	acaggtgaat	tcacgacacc	480
tttgactctt	ctactgnctc	agaccttagg	taacatacct	gcagctgctt	ttctaacaaa	540
ctgttgatca	gcaaaaaataa	aggggctaca	gaaacactca	ttttatgctg	gtcctctttg	600
ggcttcatgc	caagacaatt	ctgnggtaaa	tgtncagttg	actctgattt	ggnaatatga	660
aaatcaagtc	catccttggt	attaaaaaat	tttttacaat	tgnaattatt	attgatggtc	720
atattgggn						729

<210> 2806

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2806

gcaaaagnggc	tcttgttctt	tntgcaggat	cccatcgatt	cgncggcggc	tctggctgcc	60
cggcggtnga	gagcatggac	tctccagggg	cangtnnggc	gcctccggag	ttaccggagc	120
ggaactgcgg	gtaccgcgaa	gtctnntact	gggatcagcg	ctaccaangc	tcagccgatt	180
ctgcccccta	cgattgggtc	ggggactant	cctccttccg	tgccctncta	gagccggagc	240
tgcgggtccga	ggaccgtatc	cttgtgctan	gatgnnggaa	cagtgccttg	agctacganc	300
tgntcctnng	angctnccct	aatgtnacca	gtgtggacta	ctcatnantn	ntngnggctg	360
ncatgcaggc	tnnctatgcc	catgtgccgc	agctgctctg	ggagaccatg	gatgtgcgga	420
anctggactt	cccaatgctt	cttttgatgt	ggtnctcgan	aanggcncgc	tggatgcctt	480
gatggctggn	gaacgagatc	cctggaccgt	gaactntgaa	ggngtacaca	ctgtggacca	540
aangttgagt	gangtgagcc	gtgngnttgt	cccatgcagg	ncnnntatn	ncantgacta	600
catgctggcc	ctcgctttat	gggccnaacc	tntgcccaag	mntattatgg	ataggaccct	660
gaagcatgct	acctattggn	aatgggtttc	acnttccatt	gnngnacctca	tgctncaaag	720
gccggtaaaag	cttnaaacn					739

<210> 2807

<211> 728

<212> DNA

<213> Homo sapiens

<400> 2807

gaaagcagct	cttgttcttt	ctgcaggatc	ccatcgattc	gcaaaaagtt	aaaattttat	60
ttttctctca	tgtaacattt	tggataattt	gatgattccc	taatgttggg	accagctctt	120
ttctgtctta	ggctcacaac	tatccttgag	cctgtgtcat	gggggatgac	tctgaagctg	180
cgtgcaccct	gttcattcac	attttcttgg	cctgaactta	gtcactaggc	tattcctaac	240
tgcaagagaa	gctggaagat	gtagtcttcc	ttctgaccag	ccatgtgctc	aaccacaaat	300
tgagtttcag	ttattggagg	gcagaaagaa	tagatatggg	gctgctttgt	aggctgctgc	360
tcggggcagc	ctctgctgtg	ttatttgaga	tttataattt	tccttggtct	cccagatgac	420
agtggaaaaa	ggcatagtca	agacttcaag	tgcggaataa	gttggcaact	ctgacatgca	480
agttcttttc	catatagagc	tgagttatgc	tggagtattt	tggttacaaa	gacttcattt	540
tctcacctgt	ctgaattcct	gtttggattt	tagttactct	tgatttatca	gcatggatta	600
aaaattgaaa	agacttggtg	ttttaaaatt	atatctgaaa	tggcagagac	agcatctgag	660
gattcctctt	gctactataa	ggaatgagta	attagtttga	tttttcttta	aatccaaata	720
aataagat						728

<210> 2808  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

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<400> 2808
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cctgtttcca taagtgtggg gatggaacct tgaaacacag gacatctcat aatgctgtaa      180
gcagggacca ttgaaattga ttcctagagt cttgttctac aacttcttta aaaattactg      240
at ttgacagc agtatgtatt caacatttaa gactttctgn ctaattttga gcatacattc      300
ttgactaang ctagcaatta gagattcttt ctttaattta tcagatatct attaatgttc      360
tacttttgag tgggctctgt gcaaggcgct aaaaagccag ttactggggt tctgttcctt      420
aaggatcctg anaattgagt tgctaagaat taaatcagca ggctgcaat atgactgtca      480
aagcttgacc cctgcttnga ttccctttgt tganacaggt tcttatagga cctggattct      540
caccacatcc tctggtctgt ttaaggaac acaaagggta agctcaactc tgtgtccagg      600
agtaccttat agtcccttcc ccttaactgn gtcnggttca acttgatcca agatcagggg      660
ttagtacaag ctttgtaaaa aaaaaaagg tttatTTTTT accaaaaata ganccagatg      720
ccctttggaa ggtaaaagn                                     739
  
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<210> 2809  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

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<400> 2809
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gagacagtga gagagacaca ccatggggcc tgatatggag gcacttacgt ccaccaatgc      120
tgtaacattt gcattcggtt acacccttcc attaatTTTt taaatcattc tccagtgtaa      180
cttctgtaga attcccagtt tttgctttta tgaaattctg tagttgatga acctcagatt      240
ttacaagtaa ttgaacttaa ctacaggaga aggaggagaa gaagggtggag ggaaaggaca      300
agaaaaaaaa gcaagatata actttttttg gttccctctt tttaatattt tttctaaaat      360
tcatacta at aaatacaatc atttaaaaat gcagggtatct aaaattacat ataaactggg      420
ccttcgagta agtcagagaa tgctatttgc tcattgttaa ctgtattttt agtatcttcc      480
aaacaaaatt ctctttatca aaattatcat ttgcagcttt tctaggtagt ttccaaagtg      540
gatgcacgct tatggttggg aaggatcctt cttgacaaag ctttcacact cagaaactac      600
tatcaaatgc agtcaagcac aggaagaaag aatacactga tgacctgagt atgctgaaat      660
aaaagaaaca taaggngctg ctgtctgaat tcacactgga gtttctttca ctggtgtcaa      720
gtggtggttaa cctatc                                     736
  
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<210> 2810  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2810

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aggggtgcagt	agggctccag	tttaattttt	ttttagattg	ctactcagtt	gtttcagtac	180
tgcttagtga	ataagccatc	tttattatct	tgagatgtca	cttttattat	gtactgaatt	240
tctctgttta	tgttgggtct	ttagctgtac	tatgtgggtct	cttccattga	tttgtctttt	300
actgggctgt	gtcatactgt	ttttaattat	tgtagtgtta	tatttttagta	tttggtgagg	360
ctagaccctc	ttcaattaac	ttttgcttta	ttttttccaa	aggaaattta	ggagccggac	420
acatatgtgt	gttcatgtat	tttcattggg	aatgcattaa	atatatagat	taatttaagg	480
gatcattggc	acttttgtga	tggtgagtat	gtctgttcag	gaacatggta	tngcttttcc	540
atTTattcaa	gtctttcaag	tatttttttg	gagcatttta	aagttggctt	catatagatt	600
tgñatattnn	ctttctgnga	aaccaataga	ctncaaaagc	tttantggct	tatggcaacc	660
aaanggttaa	tttctcattc	accgttacat	gccacctgta	ggtcaatggc	agccctgctt	720
atgggttcgat	gn					732

<210> 2811

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2811

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gagatccaat	atTTattgag	tgtctattag	gtgccaaagca	ccttaatagg	tcctatggat	120
ttgaaatgcc	gtccctgtct	tagatctcac	ggctctactgg	aggacacaga	gaagtaagca	180
ggcagttgca	gtacaatgta	acactgagtg	ctgtctgtgt	atgatgctga	ggagggaggt	240
tagcctgagc	cggggaagcg	gagcttgcaa	tgatcggaga	tcgcgccact	gcactctagc	300
ctgggcaaca	gaacaagccc	ctgtcttaaa	aacaaaacaa	aatcttcaga	gcaggcttaa	360
aaaaaaatct	ccctagggga	ataacaatta	cctgccttct	gtaatcatgc	atgtattggt	420
acaatgaatg	ttacaaagtt	ggttacgtga	tgttcatggt	tttaaactga	gttattgtca	480
ttttcactca	gattctgcc	cagtaattct	gaaaggggtt	aattgaaaat	atTTtctttc	540
tcagtttact	cgtttactca	ttcattcata	taaaaaaatt	gcttaaaatg	tcaatcatcg	600
gctagacccc	atacccaaag	ccaataactg	gcctcaagaa	tttacaatct	agtgaggaag	660
acatgttttag	acaggcatta	aaaaaacc	cctagcacca	agctatgtag	aactcagaga	720
accattnatt	gaagt					735

<210> 2812

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2812

aaacaagcag	cncctgttaa	anccctcnnt	gcnggaccca	tcgttcgaat	tcggcacgag	60
gacatacgag	aagaaattaa	atgtgacttt	ttatttaaag	caaaacaccg	aattgctcat	120
aaaccgcatt	ccaaacccaa	aacttcagat	atTTttgaag	cagatattgc	aatgatgtg	180



aaatccaagg	atttgctagc	tgagaa	ctgtgggcnc	gacttgaaga	acagaga	240
caggaagaat	tgctgggtga	actgatagt	aagcctgata	ctgngattgc	aaaggagaa	300
gatacgacat	cttctgaaga	ggaaaaggaa	gatcgtaaca	caaatgtgaa	tgcgatgcat	360
caagtaacag	actctcatat	tccttgncat	aaggatgggtg	caggtcagaa	ccattcaatg	420
gncaagtga	tagtcagntg	aacnggtcag	tgaatgggtc	caggctcttac	ccagtgatga	480
tgatgatgat	gatgatgacg	acgacgacga	ccacattgac	gacgatgatg	gngatacgcc	540
atgangcttt	aagggttgga	gaaaattcta	ttcccacaat	ttattttcac	atactggtga	600
ccctaanaag	gncccaaata	aaaccgggaa	gaatcccnct	ttnaaaaatc	cctggnaaag	660
aaggaagaaa	gccnaaccgt	aancnaaaga	acaanccctg	gcaangggca	cttntggccn	720
agaactggcc	gaccaatnan	gncg				744

<210> 2813

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2813

ggmntnnaag	ancagctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
acgaaatagt	gacatgcact	tattagatnt	ggaatctatg	ggcaaaagtt	cagatggaaa	120
gtcgtatgtg	tattacgggg	agctggaatc	caaaatcccc	acattttcaa	gttgtaaagt	180
aagaaactcc	taaagataaa	gtcctgttta	tgaccacagc	tgtagatttg	gtaataacag	240
aagtncanga	gcctgtncga	tttctcctgg	agacaaaagt	ncgcgtntgc	tcacctaagt	300
aaagattatt	ctggcccttc	agcaaacgta	ntnctactga	aaattncttt	ttgaaactaa	360
aacagataaa	gcaaagggag	agaaagaata	atactgacac	tttatatgaa	gttgtntgct	420
tggaaagtga	atcagaaaga	gagaggagga	aaactacagc	cagtccttca	gttcgcctgc	480
cacagtctgg	atcgcaaagt	tcagtgatac	cttctcctnc	agaagatgat	gaagaggann	540
ataatgatga	acctctnctg	agtggatctg	gtgatgtatc	caaagaatgt	gcanaaaaaa	600
ttctttgaaa	catggggaga	actgttgta	aaatggcatc	ttcaacttgg	aatgtgaaga	660
cccgaancan	gttggcattc	cttagtnagg	aaaccgtgtg	ccttgaagct	cttcnangga	720
gaagtctngc	cacctgcttn	ccangg				746

<210> 2814

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2814

ggmnttnaaa	tncagctact	tggtcttttt	gcaggatccc	atcgattcgg	gagaccaggt	60
gggagccact	cacagaaatc	agtaacatga	aaaccacagc	cacaaaacca	ccactgtcac	120
tcaacgcccc	tcatcacggg	caggacagtt	ctacatcatc	tcctccggc	ctgaggcttc	180
ccaggcagtg	tgggaagggg	ggctgcactc	cctggctggg	gttcacacct	aagtttctctg	240
aggtccaagc	tgacctggaa	agtttctagt	gagtggcaca	tcctgtccca	acaaggggaa	300
cacgggcagg	atgtgcctgc	accctgggaa	aagtgttgtc	tcgcacacg	gggaagaagt	360
tgtctggggg	acagaggagt	tccaggtagc	aaacacaggc	tacagggcaa	gggttggaag	420
aggctggcag	ctggatgtga	gacagccagg	tgggaagggg	tcccagggcc	cctccagccg	480
gcctgtgcac	tgggaggggt	gcacactggg	gtggagccca	cagaggtttg	tgccatttgc	540
ggcggggaga	acctgccctc	ctcttctctg	gtggaattca	atctgtgagg	cangaagccc	600

atggcaggaa	acacactatc	t	ttgct	ganggtctct	atttcccttt	t	tcctt	660
tttgcccaat	aatcccttt	tt	acttct	tcaaaaaana	annnnnaaaa	aa	ttgagc	720
ctntaaaat								729

<210> 2815  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2815								
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ccactgcctt	tgtggacttc	tgtttgctct	tctgtagaat	gggataacag	tgccagtcct			120
gcttactatt	tagggttatg	tgatgcttgc	agatgtacag	ggaaagcacc	gctgatggga			180
gctgctgaag	tttctagggg	aggtgaaggt	ggcgcctcct	cccctgggtc	aagtggtaga			240
tggtgcaggg	agaggagaat	ttcattctgt	ggcagcagct	gatagattcc	aggtctttaa			300
tactacctgg	gaaaccttaa	caaagcagtc	agtcaccaa	actgacctag	cttctgagca			360
ttgctaacca	tgctttttaga	gaaacaggag	aattgcttga	accaggagg	tggaggttgc			420
agtaagccaa	gatcacacca	ctgcactcca	acctggacaa	cagagcgaga	ctccatctca			480
aaaaaaaaaa	attgtgttgc	ctcatacgaa	atgtatttgg	ttttgttggg	gagtgtcaga			540
ctgatctgga	agtgaaacac	agtttatgta	cagggaaaag	gattttatta	tccttangaa			600
tgtcatccaa	gacntanagc	ttgaatgtga	cgttatttaa	aaacaacaac	caagaaggca			660
gaccnggata	tactngaaaa	aggatgcttt	ttttttttta	ctccctctaa	c			711

<210> 2816  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 2816								
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tgtgccataa	attacagtga	cctttaaaat	ctcgcttggt	cactgctgaa	tgggtgagaa			120
taggcttggt	tccagttttt	aaggtcacac	tgtcctaatt	tgcaatgcat	cacaccatgt			180
actaagttgg	taacaaccgc	ttagaggaaa	gctttcggtt	tgcaaggag	aacatcaaaa			240
agggcactta	tcccaaata	atgcagcaat	ttaaaccaaa	gatgtttacg	cagggcaaga			300
acaaagtaag	gcaggagttt	ggggtcaact	aggctgatgt	ctttgaacac	ccatgagctc			360
actggaaggt	ctgaatatct	ggtggccgat	gggctcgggg	tgtctcgta	ttgcttagaa			420
gcgaaaatta	aatgctgagt	tatgtgggtg	aaaatatgta	tgtttgcaat	tacacatgga			480
atgtaaacca	aagatacaat	tctaagcccc	ctaaccacta	aatggatccc	tnctctcagc			540
caagggcatt	ccaaagttaa	cctgaaacac	tagttcangc	tgtgatggaa	atgagtgggt			600
gggacatgcc	ttcatggaag	gaattcagac	acaactgaac	agcatgaaca	ttcaaacngg			660
agaccttaag	tctacaaaac	cagactcttt	gtagccatta	agatgcttga	tatgacagaa			720
aggccctgaa	agcaatana							739

<210> 2817  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 2817  
 gtnnttttttn tatccctttc nanttgctct ttttgcagga tcccatcgat tcgaattcgg 60  
 cactgagagta aattcagtggt ttctgttgcc gaagagtgtt tattggttct ttcactttca 120  
 tttcataggg ccctttcttc tactggcatt ctcactttga attactaaga agtttcttct 180  
 aatatccctc tatctccttt ttctttctag ttttagataa agctgtcaaa agaacagtta 240  
 tcatagaaat agaaacattt aaattaccgg cactgatagct tatttcttgc tgcaaccatt 300  
 cagaatatct atttgtcact gccttgggtg ctttgaagtg aaactgtgct tagatataaa 360  
 aagtttataaa ctcactttga ttacatgtta agctcacagt ttttactctg cagttcctga 420  
 atttagttcc atcaaaactg tatgactagg ccacatgtga tggctcatgc ctgtaatccc 480  
 agcacttttg gaggccaagg cgggcggatc acctgaggtc aggagtgtga gaccagcctg 540  
 gccaacatgg tgaaaccctg tctctactaa aaatagaaaa attagctgga tgtggtgggtg 600  
 cgtgcatgta gtcccagctc ttggggangcc cagcaggaga atcacttgaa cccgaaangt 660  
 ggangctgca ntgagccaag aatgcgccac ggnactntac ctgggtgact ncatctcaaa 720  
 aaaaaaaaaa 730

<210> 2818  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 2818  
 ggnttttnatc agctcttggt ctttntgcgg atccctcgat tcgaattcgg cactgaggcct 60  
 ttigtgggggt ctcatacata actcagtttc cacaagctg tgccccagct cagccctatg 120  
 gatagaagca tgggtctgggg ttcttttgcgt gaccaggggtg tgtgctttgt ccaagttact 180  
 gaccttccca aacctcatca atgcacataa aaagagcact tgcaaacaat gaatctagac 240  
 atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa 300  
 ctataaaact cctagaagat aacataaaag aagatctaga tgacctagggt tttggcaatg 360  
 acttttttaga tccagcacca aaggcaggat ccaggaaaaga aataattgat aagctggact 420  
 tcattaaaac gaaaacttct gctctgtgaa agatgctgcc aaaaaatgaa aagacaagcc 480  
 acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggtatccaaa 540  
 atatacaaaag aattttctaaa actcaataat ttgaaaataa acaacccaat ttaaaaagtg 600  
 ggccaaagat cttaaatgac gcctcaccaa agaagatncn cagatggcaa ataagcatat 660  
 gaaaagatgc tncgggctgg cacngtggnt acgcccgtaa tcccacactt tgggatgcca 720  
 aggcagn 727

<210> 2819  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 2819  
 gtnnnnnnnnn nnaaatgctt ggnnnnttcc ngacctntct ttgaattcgg gcacgagggtg 60

agatacctgc	ccctactttg	cccttcca	tgattggaag	cttcctgagg	ccctccaga	120
gtcagaagcc	gctatgcttc	ctgacagct	tgacagaacca	gtattcactg	actgctgaaa	180
ctagagcatc	actgagaagc	aagagataga	ctgacctaac	tagagggaga	gctgccatcc	240
aggatgatgc	caccatcaca	ggaggtgaga	aggaacacag	catcttctgc	aaatgctaca	300
gtaaataagg	acgggggtgca	gcaatgtgag	gaaagtggaa	tgaacttgga	ctttgaaggc	360
aaactaacct	ggaatcaa	actggctctg	ctgtttgcaa	gtgtgatctt	tgggtatgct	420
tcctaactctg	tgagcttcaa	cttcctcctc	tgtaaaccac	gatcaaagac	aaacagggaa	480
acctacttgt	ctggtgccca	tccccttggc	agaacactcc	tctgaaggat	gaacagtttg	540
ctgtgccagg	gcagantcgn	cgacacccaa	tgagccttca	tagcaactat	ctgatgagga	600
actcactggc	ctacctttcc	ttgacagctn	gggcctgcca	ccttgaagca	tgacttcaca	660
acgncctac	ccaanggcac	ggangttgct	gctgatgagc	aactgggttat	atttaatacca	720
ggttctgctn						730

<210> 2820

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2820

ggnntttnatc	agctcttggt	ctttntgcgg	atccctcgat	tcgaattcgg	cacgaggcct	60
tttgtggggg	ctcatacata	actcagtttc	cacaaagctg	tgccccagct	cagccctatg	120
gatagaagca	tggtctgggg	ttcctttgct	gaccaggggtg	tgtgctttgt	ccaagttact	180
gaccttccca	aacctcatca	atgcacataa	aaagagcact	tgcaaacaat	gaatctagac	240
atggaccttc	acaaagaaat	aactcaaaat	ggatcccagg	cctaaatgaa	aaatgaaaaa	300
ctataaaact	cctagaagat	aacataaaag	aagatctaga	tgacctaggg	tttggcaatg	360
acttttttaga	tccagcacca	aaggcaggat	ccaggaaaga	aataattgat	aagctggact	420
tcattaaaac	gaaaacttct	gctctgtgaa	agatgctgcc	aaaaaatgaa	aagacaagcc	480
acagactggg	agaaaatatt	tttgatggaa	atatctgaga	agagaggcct	ggtatccaaa	540
atatacaag	aattttctaaa	actcaataat	ttgaaaataa	acaacccaat	ttaaaaagtg	600
ggccaaagat	cttaaatgac	gcctcaccaa	agaagatncn	cagatggcaa	ataagcatat	660
gaaaagatgc	tnccggctgg	cacngtggnt	acgcccgtaa	tcccacactt	tgggatgcca	720
aggcagn						727

<210> 2821

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2821

gnannnncta	atgctcggt	ngttcttttt	gcaggatccc	tcgattcgaa	aaagttgagt	60
atttatatgt	gccagtgtgt	atcatgctga	atactttatc	tggatgggtgt	tatattatcc	120
ctcctataga	ctattgagtt	gagtactgtt	attagatcca	ttttacaaat	gaggaaacta	180
tggagagatt	aagtaatttg	cccaagatcc	cataataaga	aggcaagtgt	cgaatgccag	240
gcattctaac	ttcagagtcc	atagtcttaa	cccttgctgt	attctcttcc	acaaatacac	300
ccagcaggta	aaagactgag	aaaaataaat	atcaaaaagt	accttttgaa	attgactaca	360
tgaagttacg	aaaacctgag	ttgttttggt	aaagcgggtga	gtacaaagca	gtattttgga	420
gaggggtgtg	cagggaatcg	gagatgaagc	tgtgtgctga	aaaggagaga	agaaattaga	480

ggaaggggaat ggtggcctta c	aaaca gacttgaagt gatgtgaagt g	cgctg	540
ggtgaatgct ggcaggaata ag	gagcagg gagcgagtga acaggataag ag	atcact	600
tcggagtaaa gccttgaaaa gggagtgtag	gaggaagttt ttctcccttt nctgcatcct		660
tcctttgngc gtaaaataga aatgtcttcc	ttctgaagga ttcaaagaga atgttggctt		720
ttctttcatt ctc			733

<210> 2822  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 2822			
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aggttgtagg cctccttcat	ctgttcattg gctgtggcat	taggccagct actctttgca	120
cttctgtnaa gtgagacggt	cgatcttgct tgcctctcta	gaggatggct gcagggtgtca	180
aatggggtag ttaggtggga	nggcatttca caaagttaaa	aaatatgact ttggaggctt	240
gttatattga tgaggattat	aatccctgag aattcctggg	atgaaaaagg gaaaagaaga	300
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cttcttaatg agaataggca	gctttcagtt gctcagggct	agatttcctt agtgggtgat	420
ctaatacag gaaanattgt	ggttccctcc agtctcttcc	tggggggaatn gagccactt	480
ctcatttcat ttaattagat	gaaatagaac tcaaagtaca	atttactgtt gtttnacaat	540
gccacaaaga catggttggg	agctatnctt tgatntgtgt	aaaatgctgc tttgtgtgct	600
cataatgggt ccaaaaattg	ggtgctngct aaagagaaga	tactgttaca gaagccaccn	660
ngaagacctc tggttcattca	caccccccg ggtatcagga	attggcttcn agnggtgtgc	720
caaatccngt ttgctatn			739

<210> 2823  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 2823			
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tagttccaac ccatggtctc	cagacgatga ctctgcctcc	ctgttctggg agcattcaca	180
gattgccttg tttagtagcc	tttcacatga gatccacttg	acagcccctg tcctcacccc	240
tcctcaaaact cctcaccaca	ctgaaactct tccagctcca	tgagttaggt cttgggtggg	300
ttctttcacct gcaggttcag	gtcaatgctc agcgggggac	tcgacagggg tgctttgcag	360
gtctctggag tgctctttgt	gcagtccttc ctctgtggta	ctctgccctt gaactctcac	420
tgctttggcc tccccaaagt	ctaaactttg tctctcaac	tcagaaagtc ctctgggctc	480
tgtctgggct ccccttcctt	gtatgtggaa ttaaactctc	ctgcangcag gaagttgggg	540
caatcctagg gctcactttg	ttatcttccc atctctcagg	gatcactgtc ctgatgtcta	600
ttgncctgga aaccgntgtt	tcattttttt tctngnnntg	gtttaaacat tattttttca	660
ngtgggangg taaatcagct	ttgntactnc atcttggctg	gaaattcata accnaagggt	720
aactgtttta			730

<210> 2824

<211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 2824

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gaggagagca	gattagngcc	attggaaggg	gcatatgtgt	gttgctgggt	atttccttgg	180
aggatacgca	gaaggaactg	gaacacatgg	tccgaaagat	tctaaacctg	cgtgtatttg	240
angatgagag	tgggaagcac	tggtcgaaga	gtgtgatgga	caaacagtac	gagattctgn	300
gtgtcagcca	gtttaccctc	cagtgtgtcc	tgaagggaaa	caagcctgat	ttccacctag	360
caatgcccac	ggagcangca	gagggcttct	acaacagctt	cctggagcag	ctgcgtaaaa	420
catacaggcc	ggagcttatt	aaagatggca	agtttggggc	ctacatgcat	gtgcacattc	480
agaatgatgg	gcctgtgacc	atagagctgg	aatcgccagc	tcccggcact	gctacctctg	540
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agggaccttc	tgaatcaagc	aagggaaaga	aacacttccc	gaaaaggaag	accgcaatgc	660
cagcaacggg	gctnaaggcg	acgttgttct	tttgaacggg	aaccgtaact	naaganggaa	720
naattantnt	gttattaat					739

<210> 2825  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 2825

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cagtgcacca	ttgtgtgggc	gtcctcatgg	ggtatccatt	cttctaggaa	gatcctgggg	180
ctgtttccag	ttcgaagcca	ttattaataa	agctgcaagg	aagaaatatt	tttatggatg	240
tgtgttttta	tatctctgat	aaatatattc	aactggaatc	attgggtgta	ttgggccatt	300
ctcccatggc	caaaaagaaa	tacctggcca	ggcgagtggt	ctcacacctg	caatctcagc	360
acttgggtgg	ctgangcagg	tggttcacct	gaggtcanga	gttngagacc	atcctgacca	420
acatggcaaa	accccatctc	tactaaaaat	acnaaaattg	gctgggccgt	gggtgtcagg	480
tgcctgtaat	ccagctact	tggaagactg	angcaggaga	ctcgcttgaa	cccaggaggt	540
ggangttgca	ntgagccgag	atagcaccat	tgactgcan	cctgggcaac	aagagccaaa	600
actcttgttt	gaaaagaatt	caaaaggaat	accttgagcc	tggtgagccc	aagaatgnac	660
tactgnactt	ccagcctggg	gtgacaanag	tgagactgtc	tcaaaaaaaaa	aanaagggga	720
ttttttaaaa	aaaagccctt	ttgaacn				747

<210> 2826  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)

<223> n = A,T,C or G

<400> 2826

gggtttaaga	tcagctcttg	ttctttttgc	aggatccctc	gattcgactc	aaagacacgt	60
acatgttgtc	cagcaccgtc	tcctccaaaa	tcttgcgggc	cattgcctta	aaggaaggtt	120
ttcattttga	ggaaacatta	actggcttta	agtggatggg	aaacagagcc	aaacagctaa	180
tagaccaggg	gaaaactgtt	ttatttgcac	ttgaagaagc	tattggatac	atgtgctgcc	240
cttttgttct	ggacaaagat	ggagtcagtg	ccgctgtcat	aagtgcagag	ttggctagct	300
tcctagcaac	caagaatttg	tctttgtctc	agcaactaaa	ggccatttat	gtggagtatg	360
gctaccatat	tactaaagct	tcctatttta	tctgccatga	tcaagaaacc	attaagaaat	420
tatttgaaaa	cctcagaaac	tacgatggaa	aaaataatta	tccaaaagct	tgtggcaaat	480
ttgaaatttc	tgccattagg	gaccttacia	ctggctatga	tgatagccaa	cctgataaaa	540
aagctgttct	tcccactagt	aaaagcagcc	aatgatcac	cttcaccttt	gctaattggan	600
gcgtngncac	catgcgcacc	antgggacag	agcccaaaat	caagtactat	gcagagctct	660
gtgccccacc	tggggaacag	tgatcctgac	agctgaagaa	ggactggatg	actggcantg	720
cttttgn						728

<210> 2827

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2827

gtnnnnntttt	gaanccttgc	nnttnccctt	atgcggatcc	catcgattcg	tgggttgact	60
cgctacatca	gctcagactt	ggctgtgggt	ntncccttgt	gaattgttgt	ttccacatgt	120
gtgttgcttc	atttttggct	ctccgttgct	cccatcacct	tcccgtctca	ccataggggt	180
tagggatattt	tgtgtgtgtg	tcaaatagaa	catgaaagaa	gcctttttaa	agtatttctg	240
tgctatttca	cagtcacctt	aattttatta	cagtttttac	gttggtttaa	agagtatttt	300
ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat	ttttaaaaaa	360
tgaaattcta	ggaaacaaat	attatagact	agtttagatg	caaggagaac	aggagtttta	420
gaactaactt	ttaatctcca	taggtactag	ttgtctggac	tagctgagtc	atttcatctc	480
agtaatactt	ggtagtgtct	tgaatagcag	atcttgcacg	cacagaacac	agcccagtac	540
ctgcatgtga	caggcacttt	attttctggt	aaagttaagt	acagttgacc	cttgaacaat	600
gtgggggtta	ggggaaccaa	ccttccacac	agtaaaaaat	ctgggggtgaa	cttttgactt	660
cccaaactta	acttctaaca	gcctactggt	tactggaagc	cttgctgatn	acngaaacag	720
tcaattatc						729

<210> 2828

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2828

ggttttntgg	nnggggggtt	tcaacncngg	ctcttgttct	ttttgcagga	cccatcgatt	60
cgaattcggc	acgagcatca	gtatgcttat	ggatttgatg	acaggcatag	cctgggcata	120
tcacctcatt	ggtaaagggc	tagagccttt	cttttttatg	gcacttcttt	ttttgagata	180
gggtcttact	ctgtcaccct	ggctagagta	cactggtaca	atcacggctc	aatgtaggct	240

taacctcctg	ggctcaggtg	ta	cacta	tgcccggcta	ctttttgtat	tt	ggtag	300
agacggcttc	gccacgttgc	cc	gctgca	agcgatatgc	ctaggtctcaa	gc	gctgcc	360
cacctcaact	tccggaagtg	ct	gagattac	aggtgtgagc	cactgcaccc	agc	ctttgct	420
ttatTTTTTT	TTTTTtgaga	ggt	atgattc	tttctagaga	ttttttctca	tg	gctactat	480
tagatcagga	atgggtgatt	gg	agattatt	agattctagg	ttaacttcta	cc	actttacc	540
ctaatacata	aaactttttc	ct	aaatnaat	gatggaagga	atnaannnna	nc	nnccnct	600
nnccnctant	acaaaancnc	tag	cccttan	aacntttngn	nagctnnntt	nn	cctnnntn	660
tcccntnntc	nnccccnnc	ct	ntttntnc	cnnctnnct	cnanccccac	nan	ttncnnt	720
ntnnnctnnc	naatanattn	cnc	ncntnnc	tcctcannnn	ctnntcnnnn	ct	cnn	775

<210> 2829

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 2829

tcttttatnn	gangttngga	agcncaggag	nctcnntcgt	tccgacaaat	cacttaagga	60
gaaagtagaa	aaaaagctgt	atTTTTTcaa	gaggtattct	aatcggcaag	acaatgacca	120
accattacga	ccaaccatta	tgagaatata	gcttagggac	gtttgtgctc	agtcctctt	180
ttaccaaatg	tcaatgcctg	cctcagtgt	ttttcttctg	gaggagagtt	ttgtggatgc	240
catctttccg	ttacggaaaa	ccantggagg	aatgggcagt	ttnttgccat	gaccaccat	300
catttaaaca	antgngttt	gagttcagaa	ataagctcat	atatacttga	attccatggg	360
ttaaataagc	cattgagtta	agtggtang	aaattaaagg	tagaaaatag	aagaataggg	420
tgggcttggt	ggcttatgcc	tctaattcca	gcactttggg	aggccaaggt	ggaggatgac	480
ttgaggccag	gagttcaaga	ccancttggn	caatatggtg	aaaatncatc	tttactgaaa	540
ataccaaaaa	nattagatgg	gcatngtggc	ctgtgcctgt	aatcccagct	actacagaag	600
cttgatgccc	cagtattctt	tgaaccttgg	angttgaagt	tgcantgaac	ccaagatgcc	660
cactgnactg	ganctgggca	atgaagtngn	accctgnctc	aaaagaaaaa	aatnttaaac	720
aactn						725

<210> 2830

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 2830

ctntngggcc	cntagnnggg	gctttcnata	nggcgggctg	gtngttctnt	ccgnacgac	60
ccnncgntgt	cgcagngttt	tgagcagagc	aagtgcact	atcagtactt	aagcattaaa	120
agaattgtcc	aatgaatggc	tgtgctgaaa	atataatnga	ggtaaagtaa	gctagaggca	180
ggggatttga	aatcaggcta	agagatgttt	gtggtttgaa	ttaagtggta	gcaggagggtg	240
ttaagaatta	gtcacattgt	gtatgtattt	tgaaggta	accaacagga	ttccaggca	300
agatagagt	tgatgtgaaa	aagaaagaaa	ggagtcagta	gtgactcang	agtttgtctg	360
agcatccgaa	gtgtggaatt	tcatcacatc	ctganagggtg	aaagaggctg	tangaggagc	420
aatatgtggg	aaagatcaga	agttcagttt	nggacatgcc	aaatattact	tggccaaatg	480
gttnggggtg	atgatngggc	gatcntgagt	catccctnat	aaaatcggca	tgcanatngc	540
ntttaaaaaa	ctccagactg	gntganatcc	caagttgttc	gattgnaann	acngngnct	600
cnnttgnnan	tgctccnccn	tttaaagcca	cttttgggga	aaccnacca	agggacantg	660



naccatnnn	nnattccctt	gaaccc	cncnaaagt	aaattanacg	ccntc	720
nnccancn	ntcaaatnc	ttntctna	cntccancac	nctttttant	caattn	780
nctctccnt	atannccnn	ctnggcntc	tttncncanc	tttnggnan	ctntnccnc	840
t						841

<210> 2831  
 <211> 803  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(803)  
 <223> n = A,T,C or G

<400> 2831						
cnncnntcn	natgggnnn	tgtanggnct	cctccaatct	cctggctgcn	cctgantcgc	60
ctaaacanaa	aggctggggc	gaattcggca	cgagattaaa	gttgaagcct	ntctaatttt	120
tgaaggttga	gcactttggt	tattcatggt	tttatatgac	gatcatcttt	tatccatcgc	180
tgcagttatc	tattttgact	tgaattggag	gcagagctcc	accaccccag	tgtgtcgtct	240
gatttcccag	actanagtcc	agcctttcct	gtgcttgcc	ggcttccctc	catgtngcct	300
cctaccccac	catctatacc	cttcacatcc	aaaatocaaa	acctcacact	catacgagaa	360
tccctgntag	ggtcggnta	tatttacaca	ctaaaaatct	ctaattttga	atttggtgtg	420
cctataaagg	aataccanga	ataccttaaa	gttataattg	attnattagc	atctatttta	480
ngtcatnctt	gggggantga	tggaaagaat	ccacatagac	tccaganaga	tggncnangn	540
gtttacctgc	ccagccttga	aacatttcct	ctttcctcac	annggatggg	ctctcccata	600
antaanttca	tngggccccc	naagctntaa	agnaaaaant	aaagtgtctt	tctcattttt	660
aaaaaanngc	aacctttgcc	tgttcaaaat	atgtccaatn	cgaanccccg	naaaatgttt	720
aaaaangcnn	tctntgggct	cnaaatggng	gttcaanggt	ncnncctgac	ctgncnnttc	780
tgcncaann	cattntccnt	cct				803

<210> 2832  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 2832						
tnngnggggt	tgnggggctt	tcnaaatgnn	gtcancgctg	gctntcngca	agatcccatc	60
gattcgaatt	cggcacgaga	gaaagcctta	cgtgtgtgct	gagtgtggga	aggccttttag	120
caacaggtcc	aatttgaata	aacatcagac	aacacacact	ggagacaaac	cctacaagtg	180
tggcatctgt	gggaaaggct	tcgttcagaa	atcagtgttc	agtgttcac	agagcagcca	240
cgcttgagag	aaacagtgtg	agaaaacccc	cctgagggtt	gggtctgatt	gtacactggt	300
gcacgcatgc	agcagaaaaa	tatgtatatt	attgtaaata	gaaatgacca	catcagaatg	360
tcacacatgg	ctgttctgga	gagggcctct	gagaaggcac	tgaatgaggc	gagggaccct	420
tcctacattg	tcaccatccc	cagtaaacct	tgggtcatta	ttcatactga	caaggaaccg	480
agtcaatttg	gtgaatagga	aaagccttct	catgaaaact	acaatagaat	actgttacca	540
aattcttcat	angaaagatc	atattatggg	aatgataatc	ctgttactgt	ggattaggta	600
tagtgccaac	agtttgaatg	gtaagacaac	ataatatata	tgatagtgat	gaaaaanaaa	660
aaaaaaaaac	tcgagcctnt	agaactatag	tgagtcgtat	tcctanatcc	agacttgata	720
ggatccattg	ttnanttngg	caaaccncca	cttga			755

<210> 2833

<211> 883  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(883)  
 <223> n = A,T,C or G

<400> 2833

nngtggnnttt	ngtgggcttt	cnaattccnn	taatcgctng	ctntccgcaa	catcccatcg	60
attcgagcaa	gtcagcaa	gtgggagatg	gaaaactggc	ttcctncacc	cacctagggt	120
ctttggctgg	gctacaaatt	aaatggacat	aaaatagatt	aacaggagaa	aaaacacagn	180
aattatgtgt	atatgcctgg	gagtgcccaca	aaatatgaga	ctcaaaagaa	gggtccgaag	240
agggaagctt	atatagcccc	ctgagccaca	gaaaggaata	gggacctggg	gcttctggtg	300
ggtggtggag	acaagttatg	gaagagttag	gggaggaagt	gtagggtag	taaatgtggt	360
cttggtatgc	ccataaaatc	tcttggtaca	tcacagntgc	ctggagcanc	cncagtcctg	420
atagagatac	tttactaatg	tagattttct	tgatggatat	cattgtgttt	tacaaanggg	480
cagcttttna	nagccactcc	tgtgtctgca	attttctcag	nataaccag	cccccaaata	540
ttgacaaggt	nttagtttgg	ggtgngnaat	atnccctggc	ttccctacca	ngttngcnat	600
ttttnggggg	ggtgggtaat	ttgctncccc	gaagnccccc	caaaccacc	angnaaanaa	660
agggaaggg	ggccaanntn	nnggggaaaa	tttttaaagg	naaatttttt	ccagggnattn	720
aaaaggccat	ttcctcnaat	tttttgggna	aangggaanc	caagctnngc	angggnaang	780
gccttgggaa	cccaannant	nagnaaaaag	gtmnaaacct	ggcattttng	ggaaaaaat	840
gncaagtttt	tggaaaaaaa	cccnnttgta	ncaanngttt	tnt		883

<210> 2834  
 <211> 1090  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1090)  
 <223> n = A,T,C or G

<400> 2834

tggtntntng	gggggnnttt	ngntcgancg	ctntnngcct	ngtccngncg	cngganccca	60
tcgattcgga	aatatacttc	cttaaagat	ggncattcct	aaatccatct	aggaatgttg	120
gatgtatcta	tctatctatn	tatctatcta	tctactgnat	taagccccnt	ctcaaaatng	180
tagggtcaga	agtatggacn	gataattcat	aatcaagttc	ttnttcttta	tgcccagaag	240
tctgnatnct	gcncagactt	gcntaccct	agctgcgcta	aagntcanaa	gntttgagcn	300
gccactgaag	tattgactgt	ggagaggcgg	tgtatnccctg	ttaccaatga	ngngcctttc	360
tgtccaggat	nagccttate	ggnanttncn	cnaggaagtt	gcatngcntt	cagtccattt	420
nnggettana	gccncncggc	nncncacgtg	ttccttattt	gttttgacgg	agnggtcntc	480
nngctcnatn	tctttacnct	gattctgctn	tttcactnan	gtgnnccttc	ctcanntta	540
ttnagtccaa	aggngaatn	cngggttann	ctatnnnggc	nannatcttn	ntnttctngn	600
aatccncttg	ggntctaata	ccnttgtctt	caccnancct	ttttaacccc	tcttactctc	660
tcnttaana	atanacctcn	ttntatctcc	ncttnnnacn	ttataanttt	ngnattgggn	720
cnanngggga	attttncana	ctagtcctan	tgatnntctc	tccgtcctta	ntctntnttt	780
atncacannt	acncgtnagn	tnnaananca	accntctcng	ggngngccc	cttctttnan	840
aganaaccct	ntatntnagt	tnggaangng	nccccgctat	ntttatcccc	gttangnnaa	900
ttccccang	gcacctcttg	ggaatttaan	gggatncccc	caatttnngn	gatctggaaa	960
gtnttttngg	ggggcaccct	aanacncnna	cacnaannct	tntgggaaaa	ttggccann	1020
tgnaaaaaaa	aaaaaaaaan	gggccctcnt	naaattttng	gnnggaaaaa	nttttngggn	1080
gtanctcent						1090

<210> 2835  
 <211> 807  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(807)  
 <223> n = A,T,C or G

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<400> 2835
tggttnnnntn nanttcgctn actnaanac gntccantnn ctctgtntac gnaagcaan      60
cnggcnggnc taattcggca cgcagatttc agcctgggca acatagttag actcntgttn      120
ntaaaaaaaaa aaaatcccac aatcctatca cacagagatg gcaacactta gcatttggtc      180
tggtcacctt tggaaggaaac ttttanatca atgtcttgct tctctgtggg ttcttttggtg      240
actcacacct gcttctgggt atagtatgac tataaagttg atttcttggg taaggcatga      300
tctatgagag gaagctnnta attngatgan catcanggta atnntagctg ggataccttt      360
tctttgccct ctccaatcaa acntgagaag ttgaaaatnn aaaattatgc ttttgaaggc      420
nttgntgtna acctaaaata taactcaagt gatctgtagt tntccatag tgcaactgtca      480
acagctatatt gcttttcaaa tccaaactan tttcatnaaa gaaaaccant ttggagtgtg      540
ttcagcttat aattngnaag ctagacatga aagnnttnaa aagccttnt agcctagacn      600
acntggcccn catnttttng tnanntcntg cnttntggga acttgnnacn tgctaacccc      660
antaccnccc atcntgcnn ctcctnttaa antgcctttt gaaagngggc aaaacngnan      720
tagnaccnnn tancctntca aaaggttgnn nngttncttg caaatggaa gccnnggcct      780
tttaangggg cggncctttt ctttncc

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<210> 2836  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

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<400> 2836
gnnnnnnnnan ggggggtttc antctnnctg cagccgtttt cggtcttttn gcagatccca      60
tcgattcgaa ttcggcacga gaccaaagct gctggagcct gaggcagaga accagaggcc      120
ggaggcagac tgctcttta cagccaggaa tctcagagga tttgaaaaag gtgaaggaca      180
ggatgggcat tgacagtagt gataaagtg acttcttcat cctcctggac aacgtggctg      240
ccgagcaggc acacaacctc ccaagctgcc ccatgctgaa gagatttgca cggatgatcg      300
aacagagagc tgtggacaca tccttgtaga tactgnccaa ggaagacagg gaaagtcttc      360
agatggcant aggccattc ctccacatcc tanagagcaa cctgctgaaa gccatggact      420
ctgccactgn ccccgacaag atcagaaagc tgtatctcta tgcggtcat gatgtgacct      480
tcataccgct cttaatgacc ctggggattt ttgaccacaa atggccaccg tttgctgttg      540
acctgacctt ggaactttac cagcacctgg aatctangga gtgggtttgt caactctatt      600
accacnggaa ggagcangtg cccagagggt gccctgatgg gctcttgcen ctggacatgt      660
tcttgaatgc catgtcagtt tataccttaa gccagaaaa ataccctgca ctctgctttc      720
aaactcaggt ganngaaatt ggaaaatnaa na

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<210> 2837  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2837

cnaatcgntg	cgaattcggc	acgagcctga	acctgcccac	ggagacagtt	gtnttgaggg	60
ttgccacaca	cagtgagggc	ggagcagggg	ggctgagggc	acaggtgcct	gggtctgtcc	120
cacggggcan	ggctttgggg	ctgtgatgct	ctgggaagcc	agcttgggtc	ctgggtctac	180
agagggccct	ggccccggag	cccagccagc	tctgcctctc	tcagggcctg	gagtcctggg	240
ggagctcagc	cagctctgcc	tttctcaggg	cctggagtc	tggatgaatc	ctgcagggtt	300
ttgggttgca	ccggcccagg	gaggaagccn	ngggtttgtc	angtgggctc	tcctggaggt	360
cctcnagtgg	canggggtgac	gaggggatta	tntgangcat	ctgganatgt	atatcctgtg	420
gnntnccctg	cccctctgnt	tccgatgaag	tgtaccgatg	aatgaccttg	actaaaannt	480
nagtttgcca	cananaaaaa	angggaggnt	tantgggntt	cnaaaatcaa	gnaatggtn	540
caacctnggc	cttcgcagaa	tggaaantac	naaanacggg	gnaagatcct	catgnccatt	600
tcccatggnn	ttggnccagn	ttttggagg	attctnnngn	cccggcaaa	gccccatttn	660
aaanttnatc	tagncnggna	ccnggnctat	tncngnctaa	gggnnttgc	cttntccttn	720
aacncatnga	atcccttaaa	tnant				745

<210> 2838

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 2838

gtngnggnag	ngatcgtgan	ccctctncct	ttngnccagg	cancccatcg	attcgcaaa	60
atctaattgag	tcacaggatg	ggggangttt	ttgggaaagg	tcnggattag	cagagttg	120
gcagaaagaa	gtagagggga	atatcttana	aggcacttgg	acagaatggg	ggtgatataa	180
aagatgtatg	ctgacattnt	ggttttggcn	cctagaaaat	ntagcanaaa	gngagaatnn	240
gtgccataca	tccngntctg	caccctaata	tggaaantttg	ncnttccaca	cnagnnttcc	300
tncacaatta	acctntaagg	catttnatgc	cnntgcctcc	acancnngga	anagtacgac	360
aaacntccta	nangactaga	naaaatngcc	cnnttcagan	acattancag	tacgtgtggn	420
tagaactaaa	atggctcnca	ggctcatact	ggnagtgan	aggnatgcag	anaaaaanga	480
aaacccccc	gtgtcantga	ctgtgaacag	gcctantnca	gangcnctta	ttgngcaatn	540
gcccttaaga	nattgcccc	anganncacc	tgannacccc	ccggaattgc	cggaaaagaa	600
tacngatgag	gagctnacgc	ttatgngaag	atgnatnaac	cctatgttca	gtgtaaagg	660
ggtacaaatn	cnccaaanag	cgnanctcaa	gaacnagcct	tcccgnnagg	cnatcccaa	719

<210> 2839

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 2839

cngaangntg	tgatgnatgt	agncgttccc	naggaancca	ngcgattcgg	nttggcgaat	60
tcggcacgag	cccaggtgtc	tatccacttg	ctagnatttn	ntcatgagag	ttagatacca	120
gttttctgct	ggaaatacag	aacatttcct	gaaaccgtgt	ggttgagggtg	aaacaggcat	180

tttgcagtct	tatattttga	gtccaa	acctgcctag	tgttataaaa	ctcaaaa	240
aaccacagga	cccggctctg	caggtagaa	atgtgtgact	aaaatgaagc	atcgtctga	300
gaagactaca	aattagcggg	aacctttgga	caggagcatg	ctatacatta	cttagattaa	360
tgttgatatt	taaggagcca	ngatnttgat	nngtntttga	ggggtgcca	tntacttcat	420
ataagaggct	ataaactgna	cttctttcag	ttantgctta	atccnagctc	aaacaagaaa	480
taattgctta	ttccaaagta	gacattggna	catctttttc	taggnacgta	atctgngatg	540
aagtctgata	aagctcctta	agaaattctt	atagtacacc	ctcacaagan	tgtattcatc	600
taccctgtgt	ttaaaccnga	aaattaaaaa	ttntaacctt	cgngggagaa	aatttaccaa	660
agtntttaat	gggttttcagg	ncccttaatt	aaaaaaaactt	tttaaccctt	ggccttggaa	720
ccctttaaac	cttaattnat	nggatctnaa	aaacaaatgg	gntttnttgn	nngaaaagtc	780
nnanct						786

<210> 2840  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 2840						
tttttggntg	tgtgggtgcc	ctcncctann	ntgcaggatc	ccatcgattc	gctggaaggt	60
tactgcaaag	acagcctggg	gaaattgttn	tnagtacaga	ggctttaatg	ggttctttga	120
ggtcaggtag	aggttatggg	gggagcacta	cagttagcat	atacccaaaa	tgaagccaga	180
cttccaaggt	acgttctcac	tggagaggga	gcttaatggg	aaagtttaaa	ctttaagggg	240
ttaggtttta	gattaaggcc	caggagatcc	aaggggaang	aggagggtag	gaaatcanan	300
ataagaggag	ctgttgtcat	cgcagggtata	gtnataatta	anatatgtta	aactttcata	360
ggattttgca	tttatttcat	cagntttttt	ttctagattc	ttaaatctgc	atatatctaa	420
atcttataaa	tttggggaaa	tgtacacatt	tacatggtac	atttcactca	attttanagn	480
ntggctnttc	ttgtgaaata	gaattaaata	tatgtgagta	aatcaagacc	cctaaccatc	540
attaatgtat	tatttggtta	tttctggcca	aggcccttct	tgattctttt	aaagtgtgct	600
aagcccatct	tcttcattac	atccctctta	ttttttgtgg	ccaaattnac	taaaatntan	660
gtatcttttg	gtggantttc	anatttttga	aacctacctt	gttttgaaaa	tncatctttt	720
aaaaacctnt	tttccaaaa					739

<210> 2841  
 <211> 767  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

<400> 2841						
agnnttttnaa	tcctttggcc	antegenctt	tntgcangat	cccatcgatt	cgaattcggc	60
acgagaaaaa	gtnaagcttt	tcatgagcac	anntnccttg	cattgttnga	tgttactgat	120
attcgtaaaa	tgaatatatt	ctgttttggt	ctgttnnatt	tttttgagac	aagtcttgct	180
ttgttgccca	ggctggagtg	caatggcatg	atcttggtc	actgnaaccc	ctgccttgcg	240
agttcaagtg	attcttctgc	ctnagnctcc	tgagtagctg	ggattacagg	cgctcaccac	300
cacacccagc	taatttctgt	cttttnagtn	gacacagggt	tttaccatgn	tggccaggct	360
ggctcctcaaac	tnctgacctg	aaactnctca	caccngtnat	ctcagcactt	tgggaggctg	420
angtggaag	gatcacttga	agccatgagt	ttgagaccag	cctgngcnac	acagcngaga	480
ccccngtgnt	gtacaaaagc	ttncnacatt	tanctggctg	aggagtnnct	caccntaac	540

ttccancnan	tcnnttaagc	nn	catnt	tgaacacntg	agcccannta	ng	gatgc	600
tnntagtnaa	ccgtgactgg	acc	ttaca	gtccaagccc	gggtngcctt	ata	agaan	660
cggaaaacat	ttcnttaatt	cgggttnnag	cnttanctat	ttcggaatnc	cttgngtttt			720
naaaaacttg	aatctccaan	aaacagggtt	ttttcttttg	gnccann				767

<210> 2842  
 <211> 873  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(873)  
 <223> n = A,T,C or G

<400> 2842								
cgtacggaac	tgancgggaa	atccctcnct	gcaagcagcc	cangcgacgc	gaattcggca			60
cgagacctaa	tttttgagaa	cagcaagccc	tnnttgacca	ctctcttcag	cctgtgtgtt			120
ccggctgttt	tgaagtaatc	aaatgctgtg	catgggtattt	tacctgagct	gcaacctgnt			180
atggacntga	acntcnngat	aagntgaaag	caagagtccc	tgagtataaa	ggaaaaacag			240
canaacaaaa	agcaaacnag	ggncacccgc	gaaagnctaa	aaagnccan	tggtgangcc			300
cnntaaaana	anctagcttn	cagctgtcag	gagctaatac	tctctgnagg	aattggnat			360
gggatnaggg	cgaacaanan	aggggtgtaa	cngtggagct	ggcatgagta	ctgcangcaa			420
cctgaagaga	cttttaacnt	antnaccaca	gctattnatn	atgcggtnng	caacaaacca			480
gcaacnatch	acaagcgtca	taaagaagtt	cagactntga	acaattggng	aaaggtngat			540
tncagaaccc	gnctgcaaaa	aagccatcan	ncaccataan	taaaaaagaa	ccncangaac			600
anggggaaac	ccngtgggaa	naaagggaag	anaanntngc	cacctcangt	tnaaccatta			660
aaaacctng	gaaaanntgg	ccannaggga	aacctcttaa	aangcaaaag	nncctnngcn			720
aaaaaaancc	ccggggaatt	taancccaan	gggncccaaa	ggntnanntg	gggccnnaan			780
nggggnaaaa	aaangggggc	nnggaaaccc	ccaggnnnaa	ntncnaaagg	ggaaaaagna			840
aaaannangg	ggggncnnnn	naaaaaaaaa	ann					873

<210> 2843  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = A,T,C or G

<400> 2843								
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gctggncgaa	ttcggcacga	gaaatggggg	gtgttcttca	tagtggattt	ctttttttaa			120
acataccatc	tttgtgtata	tacatttctc	tggaaatgtt	tgtgaaaagg	taaagataac			180
ttccttagtg	taattgtgtt	gaagtgggaat	gtttctagtg	tttgtgaaga	tatcaattgc			240
tggtgatgat	tttaagctgg	atgaaaaatg	tgggtgaagt	aatcttaaag	ggtgatagat			300
ttgatatgag	aaatttaaag	taatgtgctc	agtgcgtagt	ggtgataaaa	gaatgtagcc			360
tacttgtttt	ccatagacta	tatttcacat	ttgttgcata	aagtcccttt	tggccaattt			420
agtgaatgct	gctgggtctt	caggaaagaa	aatcgtttgt	ctttaaccag	agaaataatt			480
gtggggatag	aaagtagtct	ttttcttgat	gataaaaatt	cattttanct	ttttaaatata			540
cagtggtaat	agcttgtagt	aatagnngga	atatacttgg	tttttggtta	atgattttta			600
ntgtgctccc	ncttaatntt	ntnncgaatt	attttnanng	tgaccaaac	cntntatnnn			660
acntngcctt	naacaaatcc	ncncttnant	netctncncc	nnaaanncn	nncanctccc			720
ncctncncc	ccnntcncc	tnacncaccc	cccnncncc	tctcnctcn	ccccccc			777

<210> 2844  
 <211> 892  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(892)  
 <223> n = A,T,C or G

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<400> 2844
tntagggcct tnnnnannng ggtntttctt ntccantann ccgtgtgggc tcgtttcttc      60
tcnnannanc nanncttgtc gctgggctca ggcaatncac ctgccttggc ctccaaagtg      120
ccgggattgc aggcataagc cactgtaccc ggccccaact aatttttgta tttttttag      180
agatgggggtt tcaccatgtc ggtcaggctt gtcttgaact cctgagctga agcaatccac      240
ccgccttacc ctcccaaagg tgctcagatt acaggcttga ggcactgtgc ctggccatgg      300
gtgccatnta tctaaagagt gatgaacttg gtgttaaacc agtaattgaa atcaccaaaa      360
ttcctaccat catgagctca gtctanntgg angagacaga tgaaccaatt angcanntct      420
gntgaathtt ggggttcanc agtgcccana ggtgggggtgt agtgaagagg aatgccanaa      480
ttttggagag gtggagcaca cgacccacgg gtactttctg aggatgtaac ncanaagtcg      540
tgatcagaaa gganganagg ganacanntg gggaaantnn ctgggaaana ncngtcnatt      600
ccaggcagtc agcttgctnn ancncnttgg gccttncttt nanaacnccc tttgcctttg      660
gaatnccttg aaccnnaagt tttcaacttn aaaagaaatt cctttgggnn anngaaannc      720
ntatatcacn ctnttatnac aaaaaaacnt tccnaaancc ncttttttan aaaacctttt      780
ttccctngnn aggtcccccna atttttaacc ntangnaatt cccentaacc tttgntattt      840
aagnattncc catttnggna tcaanntttc tgnnggaaccn aantcccccc ct      892
```

<210> 2845  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

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<400> 2845
gnnnnncnnn ntgncnnnnn nggggggntt tnntttttcc aaanggcgtg gaactcgttc      60
tntccgcaac agcccnngcgn ntgccttctt ctcaactctc tgattgctta tataagtgc      120
gtcttctgaa ggaaagttca gcattttttc tcagatatga taataatata tgctaagatc      180
ttggccaggc acggtggctc acacctgtaa tcccagcact ttgggaagcc aagggtggcg      240
gatcacttga ggtcaagagt ttgctgcctt caaatcaatc attacttctt agcacctctt      300
gaaatagaaa ataaaaaatt tggccaggcg gtggccaggc gcagtggctc atgcctgtaa      360
tctcagcact ttgggaggct gaggtgggaa gatctcttga gccaggagt ttgagaccag      420
actgggcaac acagggagac ctcatctcta caaaaaagaa aaaaaaaaat taattagcca      480
ggtgtggccc catttgtaca aaaaaaatt ttttttaatt agctgggcat ggtcatgtac      540
acatgtggtc ccagctacta gggaggctaa ggtgggagga acgcttganc ctgggatgtc      600
aaggctgcgg tgaggtgtga ttgcaccact gcactccagc ccagcaacag agaaagaccc      660
tgtctcaaaa aggaaaaann annnaaaaaa actcgagcct ctagaacttt agtgagtcgn      720
attacgtana tccagacatg atangatcat tgatgagttt tggacanc      768
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<210> 2846  
 <211> 905  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(905)  
 <223> n = A,T,C or G

<400> 2846  
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 gnagnagcnn ngcgnttcgc tcaccaagga acacaaataa acagttgatg aatccatcac 120  
 atcagtgatg aatccagaat gtgtccatca ttttcgtaag tcttagtatg cagagaatct 180  
 cagatagcaa agcagaaagg atgatgtcac agacgccttg ggtacccagc acctggatgc 240  
 agctgtttgt acacacatac tttctgatat tatgttgaca gtgacttaca ccaattcaac 300  
 ctgaggcagg attctatcag tttctttact acagattgat ttgtttcttt aataatnatt 360  
 gtaattactg tcagtaaaaa tctgagtcctg actcagcaat tagttgctgg taactgagtg 420  
 tgttgtaatg ctgggggaaag gatataaaac tngtattttg aacagaaagg cncacatgtg 480  
 ggtgagcagt gtttaccacc acagaatttc cgtcttcaca naatnganat anctgcacat 540  
 gaangtatag tnagcantgn angttntttt nmanaaagta aaagttaaata taccctnrat 600  
 aagcctnctg gatttnncng nnttngttc tgnatttcct cctntgccnc cttcaaattn 660  
 naantttana nggtntnctt nttctnctca atatctctcc ccnacanntn tngttnttgc 720  
 nctgannccn natctcttcc ntcnnccng atgggtgatg nncnnggcna ttncttcnac 780  
 ccattnttat cttatctntc nnatcnttnn atnntcntnt ncctcatngg naacnnttac 840  
 acnttnnang nttntngggc catnntctnt gttcatntgt ggggntctna gnatcttttt 900  
 ctaan 905

<210> 2847  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 2847  
 tggnttttna ggngtgggnt tctttttttac taatggctgg gctacttggt cttttngcag 60  
 gcatcccatc gnttcgatct gaaccacatg aagttgagta aaaaaagcaa tttgcagaag 120  
 gatacatata aatgacacc atttatatag tagactgaaa gcatgcagaa caatccattg 180  
 ttgtttacgt gtgtaacagt cataggaatg acaaccactg ctttcagaat tatggcgacc 240  
 tctgcgatgg aagagaatgg gatcagagaa ggatacacia taggctttta ctgattttgt 300  
 gattattgat attagaaatg tttaaaatta agatattaac atttcatgaa gctgagtggt 360  
 gagcacacca gtgttatatt ctctctatat aactttgtgt atatttgaaa tgttttctca 420  
 taaaaagtat ttaagcaagt ttaggaaaga atattgataa atgaaattgg tagagaacca 480  
 tgaaattaca tagatgcaga tgcagaaagc agccttttga agtttatata atgttttcac 540  
 ccttcataac agctaacgta tcactttttc ttattttgta tttataataa gataggttgn 600  
 gtttataaaa tcaaactgtg gcatacatc ttctatacaa acttgaaatt aaactgagtt 660  
 tttacatttc ctcttttnana aaanannntn ttacntntnt nnnnnnnnt ntcnncccc 720  
 tncnntntcc nctntcnctn cnnttctnnn annanactct tncectcnct tnnn 774

<210> 2848  
 <211> 806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(806)  
 <223> n = A,T,C or G



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<400> 2848
gggtttttcnn nagggcgggtt ttttttcnng nctctnctg ccccnagnanc nctctcgc 60
cgaannagct ngggcgggtgg cgatttattt gccctatttc ctccatgtac ggagacatta 120
cnttttntgc ccagtcagat ttttttcagtg ctatctttta gtcagattta atttaatgtg 180
tattttctagt ttattgcttc tgccatgttt tattctttat gaagatcccc gagtattgag 240
tgtgccagtt accagattct ctcccagctc taaattacct cttcattact tgatctgcaa 300
tattggagcc taacccttta ggccaggggt gtccaatgtc ttggcttccc tgggccacat 360
tgaaagaatt gncttggggc aatgtggact ctatatggtt taaaggagta tgtaaactgt 420
ggagagaagt anggctattt tctacagcag tggcttctca attttnnaat ngggtacctt 480
accagaaaac atttgaatan aaaacctcaa tatnagtatg tcctaattat aaatcatatg 540
tataaatata tatactatnt cggcttatat agngntttca agtctgctta tgatgtaatt 600
atatgtnnca gaacaatttn aatatactct ttttccngnt cnccttcaan cgggtcaatcc 660
cnttgnacng gnnaccnact tnccttcata nnnnctnnct taaccagtga aagntnnang 720
nctnnnnaaa aacctctttc ccnaanataa ncntngccct ccnttnccca ttncantcgg 780
cnaaacnncn cnnnattgnc cccnnc 806

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<210> 2849

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

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<400> 2849
tggtnnnnnn ngngnggggt ntentttntt atnanggctg gactanttgt tctttcngca 60
gcancatc gattcgaatt cggcacgaga taacgcccgt ggtgccccat ccctatagga 120
gctggtgaga ttgcagcctg ctgcctcccc tccatcagcc acagctattg gatttcccac 180
ccagaatctt taggtaaatg agatcatgat tctggaagga ggtggtgtaa tgaatctcaa 240
ccccggcaac aacctccttc accagccgcc agcctggaca gacagctact ccacgtgcaa 300
tgtttccagt gggttttttg gaggccagtg gcatgaaatt catcctcagt actggaccaa 360
gtaccaggtg tgggagtggt tccagcacct cctggacacc aaccagctgg atgccaattg 420
tatccctttc caagagtctg acatcaacgg cgagcacctc tgcagcatga gtttgagga 480
gttcacccgg gcggnaggga cggcgngca gctcctctac agcaacttgc agcatctgaa 540
gtggaacggc cagtgcagta gtgacctgtt ccagtcaca cacaatgtca ttgtcaagac 600
tgaanaaaact gagccttnca tcatgaacac ctggaaagac tagaactatt tatatgacac 660
caactatggt agcacantag canagtnacc nnatttgnnn aaggagcatg acnccctnct 720
gatttcnaan tcangtgatg naagcntgng aagtgann 758

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<210> 2850

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(829)

<223> n = A,T,C or G

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<400> 2850
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cgcattccan cnnttcgaat tcggcacgan caaanacaag ccttnatgga aaaggaaatn 120
cncctccctc catgtatatg gatganggga gcagcacaag ncacactccc accatcctca 180
cnnaattcct ggacccatgc ggtggctccg tgagctgggt gactccagcc tnacctgcac 240
acccaaccc tgcnccggggc cnttcttctt accancatgc cctcggttag ctaggaattn 300

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agatccctgc	ntgtgaanna	ngctctnat	gtgcacagaa	tcncagggn	tgcttatcc	360
ttnggcata	tttagatnaa	gtgacctgn	ntncagantg	accccgngc	tcctcagnga	420
gttntcaagc	cccangaaat	eggcccttga	tgctctcntt	acaagacagn	ntnacnctg	480
ggccctcgtg	catnnncttc	actgnccccc	tgatccccc	cattaccccc	aaangacagn	540
gggnaaacac	annnnanan	cacancnttg	nceccctccag	cncnnttcac	nggcancctc	600
ttnnattcac	cccgnntccc	ncnnnacct	ntcccccca	anccnnnaca	ancntntcc	660
ccaactacan	gccccctttt	ccttgggngn	aaaatgctcc	nttggtancc	cagttataan	720
aangccntnc	ngcccccttc	ancntgattc	tcccgcattc	ncanaccctt	anncccaann	780
attnaannac	cccaatcccc	cnnanaaacc	ctcctttcca	ncttnnnct		829

<210> 2851

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 2851

ntaggnncnn	nnnnagnngg	ctttctaatt	tactannngt	ggactagtng	tncncnnaan	60
ancntnnecn	tgctgaattc	ggcacgaggg	gtgacttcct	gtgacctcca	aaggaagtct	120
cagctctgct	agaatgggac	caaagccag	ctccaccttg	aacttgngtc	atagccttgc	180
ttcttgttcc	ctctncttan	ccgggcanat	gccttgtcct	ttgataaagg	cttntctgtc	240
ccttctgagg	gctcttgtgc	tttttgagg	tgatgccat	tacctttacc	gctgagcctn	300
ccgcaattgc	tntgttcaca	cgctgtccgc	catctgcctg	caagggccca	ngcagggnt	360
tactcatcat	tatgtcattg	nttnaataga	agcctaatat	nttgtaata	gtagtcagga	420
agcccagaaa	attgggtatg	ttctatagat	ttaccaccat	tgcttattgc	tgtntcnctt	480
taataaagnt	taacgaaagt	naancaaacc	acantacccc	ccaaagacag	nnnngggaaa	540
cacactngng	gaaagcccca	ncatggcccn	ccttcnancc	cccttttang	gnactcttng	600
nnatcaaccc	gggntaccog	tcnccactt	gntgcccna	cccactccag	nnntnttnc	660
aaannacaac	cntntntntc	ccttggggga	aaaatgnntn	nttggggtnc	cncngntncn	720
aaaaaggccn	naatgggttn	tcttaacctt	mnttncnca	tacnantccc	cacnacnttn	780
accccaaata	antcanncna	cntcctaanc	ncannnnn	aaagcccttt	ctncanctac	840
ttntnct						847

<210> 2852

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2852

cngttnncna	aacngtctgn	ggaaaagccc	cctttntgca	ngatcccatg	cgattcggcc	60
tcatctccca	ctgagcaggt	gccatccag	gagatgcttt	tggtggcgag	accttcccct	120
cctgtgcagt	ctgtgtcccc	tgctgtgccc	acacctccct	cgatgtctgc	tgccctgcct	180
ttccctgcag	gtgggtatgg	aggtggcatg	ttctaactcc	tagactagt	ctttaccttt	240
attaatgaac	tgtgacagga	agcccaaggc	agtgttcttc	accaataact	ncagagaagt	300
cagttggaga	aatgaagaa	aaaggctggc	tgaaaatcac	tataaccatc	agttactggt	360
ttcagttgac	aaaatatata	atggattact	gntgtcantg	tncatgccta	cagatnatte	420
atttngtatt	tntgaataaa	aaacatttgt	acattctctg	tactgggtac	aagagccatg	480
taccagtgt	ctgctttcaa	cttaaatcac	tgaggcattt	ttactactat	tctgctaaaa	540

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tcangatttt agtgcttgcc acagat gagaagttaa gcagccttct tgcagagt 600
gagaataatt gtgtacaaag caagagaaa gtatnccatt tatgtgacaa cccatntggg 660
aataaaaaat ttggttttaa agttaanaa anaaacaaaa aaaaaaaact tcnanccctn 720
ttanaacctt taggggaggn ccgnaattac cgtagnancc caaat 765

<210> 2853
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 2853
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annangcggn tcgaattcgg cagcagcgct tacatccagg cctccgagtg acggacctga 120
gggtgtctgtt tcctgggcag gcctgatgct cctgtttggg tccagggccc ctggggggcag 180
accggtgatc cttaccagtg gaagcgagcc atcgagccat tggcagaaat cctgctgaat 240
gtcattcaga aacctcagcc catggtcgcc ctctctctgc cggaaagccc 300
tgcaacattc tagggttggg ggcagggcca tccacggttt ctgggcagag ccatggtggc 360
aggagagaga tggctgaagc ctgagcagcc cagagtcctc ctggtctagg ctggtggtcg 420
gggcccctgg gagaggagac agggcattcc tccccactct gtctncaggc tgccctctggg 480
tagcctctag tctgctgttc ttcaggagge ctgccataaa ctcttcggag tttacgtgtt 540
gcaccttttc acagacggtt cccacagca tccctcagaca gctctgtgat gtagctttta 600
ggaggcactc aggtgtcagc gctagactgc agctatgaga cagatctggc ttcaaateca 660
anagttgcca tgcacttgct gtgtgacctt gggcaagtca cttcactttt tcttgagccc 720
ccgtgttctt tcatctgtac aatgggggct tacgatactt actan 765

<210> 2854
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 2854
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tnctcaccta acacaacnng gctgnngcga attcggcagc agaggatgtt gctgctgtgg 120
gccgcaaggg tcttggtagc ttcctctagg gcaggcttgt gttcctgatt ggggttggga 180
tgggtggggg catccctgtt ggcctcagca atccagccct gcncatctgg gtcccattac 240
acagacgtag acattgaggt ctantngaa ngacttgccn ngagtcctgt aatagagctt 300
ggcacttggg tctcttgact ctcanngact ggggtgtgagg gaantgggct ccttttgctc 360
cctacctgca gtgcctttga ggggatgagg gtcttccatc atagttcnga anatgacctg 420
cacattttac tgccttanaa atctgctcgt tggggccagg tgtggtggct cagcctgta 480
atcccagcac ttiggagggc cgnngtgggc acntcaccag gtcangagac ngnnaccatn 540
ccggttaacn ggggtgaaacc ccatctctct aaaaatacaa caaaaattan cctgccatgg 600
ngnngggtgc ctgcactccc actnctcng aangctnang cccgnannaa tngcntgaac 660
ccnngaggcg gnntcttgca ntnaccccat aannngccc ccngnactcc anccctnnga 720
ncacanaaan agacttcnc ctnnaanaa nacanctaact ccnaacncc anccctctna 780
ancnt 785

<210> 2855

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<211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 2855  
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 tcgnncttnc tcnnannagc ntggcgngng cgctttggga tcttttagatg aatggatatca 120  
 tacagatgtg tattattgct aattctttgt tctcaatcac ttgttttcaa ggacactaaa 180  
 atccatgtag cccctaaaaa agataaataa gggcaagtca cttttcttcc tccagtcaca 240  
 gactaaagaa attatttcag ataatatata gcccttcagc catgggagca ggaagtgttt 300  
 actgctcaag tcaggggtctc agttggtaaa ataaacggaa acttctggtt tagttttngg 360  
 gccttctttc aaataaaaaac ttcattttct ctgggcaaatt acattgattt aattttgtat 420  
 tattggtaaa atattcatca agtcacgggc agnctttaca gagtaccaa acataacttt 480  
 gccgattttt tctgtttaag ggccagctag gttngttnaa aaagaaaanc ttnnagccac 540  
 caaaaagcct atggcatttc tttctcttat gatctttaaa actggttcaa gctcactctg 600  
 tttngagagn atttaggtgt gtccctcttt gaaaatgggc ccccataaca cttttttaat 660  
 nggataaaag nngagaacat ggagtcanaa tggagcaaaa ntctgaatat ttcacatggg 720  
 ctaaacctt tntttaaatc aanggnnaan nanaacaaag ttgcnaaaaa agcccaaac 780  
 atnattt 787

<210> 2856  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2856  
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 ggcngntcgg tctcgctttg tgacgtagcc tggctcttgag cgatcctttt gccttggcct 120  
 tgccaaagtg ctgggattgg aggcattgag cactgcaccc acccctgttt tttatttaag 180  
 taaaccatta taataactca tttataaaaa gggtacttca agagggcttt caacttaaga 240  
 attattttca ttttgaacat gaaaagttaa atagtaacta agaaactgag aactctgaca 300  
 gtgacctcta ataggtaact ttaggcaaaa gtagacaagt ttgtgggtat tttgntgttc 360  
 atgttaaaag gcacctgtac aagaatcaan atatgaatct agntcgtana gggaaggctt 420  
 tatgcaaata ccaaatcata caagtgggta cacatataat agatcatttg gtccantaaa 480  
 agtgggttca gcttgtttat tccctacttt tgntatcnta aaaacaatga ttttttgcatt 540  
 gtaatagaan gctttcactt aagatgctnt tgagtgaatc agtgaggggt tcttanagtt 600  
 agtattcatt aattnaacnt anaatattan ctaaacagtt ttgggtcact gcaatgcatg 660  
 gtctatngaa anactanatg tttcgnctga aatatgcttc aantgttgcn actatncana 720  
 anggcctttt atgttntnna atttnaaacn tgccanttnn attnt 765

<210> 2857  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2857

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agcccatcgt	attcgaattc	ggcacgagat	tcaagatgag	atttggtggtg	ggacacagcc	120
aaaccctatc	ggttgccaac	atttacagta	acagtgttag	gtgaacagtt	gtccagtctc	180
ctgtttttgtc	ggacactggt	tctagcacct	tccaggcaga	atctcatgta	tccttcactt	240
tcgaaatggg	tactatttca	tccccacttt	tatcaatgag	aaactaaagc	tcgaagaggt	300
caagtaagtt	cctggccaag	gtcagctagc	aggctctaga	ggcctcggtc	tccttagagg	360
cagccttgcc	agggcccang	cttggcaggc	tgcanggan	gtgcgggcat	gcccattgta	420
gaggtgggac	cattgaggct	cagagagggg	aagtgatgag	ccctggcgac	acagcggggg	480
gggtccagag	tccggcctgc	atctttctgga	gctggccagt	ggacaggcct	ttcccgttca	540
cagccccggg	gctgctgtgc	ccaccaaggc	ggatgtgect	accgaatcnc	actcctctgn	600
gtgtgtccct	tttcaggccc	ctacatcatt	cganggaatg	gcnnccccc	acgacttccc	660
ttncnaccan	tccaccnttt	ntttacanne	ntacttccan	nccccagnnc	tcttgtaaaa	720
gncccanncn	ancttcctta	nccttggant	ttttaccenc	nttnnctcat	ccaccctct	780
tttctcccc	ccnt					794

<210> 2858

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 2858

tgggnttttag	gcgcgcgttt	cnnnnnnngnn	nngctggcgg	acttgctcctt	aatcnnaana	60
gcccntgcgn	ngtcgaattc	ggccccgagca	agcagaaatg	tgggtggtgt	gactgggggtt	120
tggtganggg	ctgctgnngc	tggaatggag	ggctgccaca	ttaatggaaa	tggnaaatga	180
ggcacgtaag	gttngactgg	aggcatancg	cccatgttgc	cngctttatt	aaatcactct	240
tgcantatnc	anantangg	cctgatgnna	nnagtgactg	tgtcttgac	tnntncaacn	300
tacagnggga	tgctnnaaga	atgngcactg	cananaggac	tngtnctata	ntaaccatat	360
gtatgcntnn	cgtaananna	tgcnnngctg	actatctcta	atnngngcgg	ggaacgtgat	420
cacattcncg	nncnnttaca	tggaggctcc	tctcccngan	gnntctaanc	tannagangn	480
ccatgagtat	gaaacantgn	ctnncaccac	ttnaacttac	ccnanntnnc	ccaatatctn	540
ttgnctagct	ntngattctn	tgnnnagcct	tnactggacc	ctacttagac	anngcctttc	600
acacnctcan	naacgattcn	tgtagtaaat	nctantaacg	cttcccccta	cacctnnnta	660
tgnattttatc	gcncctctat	tncttnnccn	ntcncngnnn	tnantgaacn	ttacctcccc	720
tttnaannt	ccgcnnncct	tncaaccntt	nanttnanc	atttcnctna	tccttctcac	780
cggggcattt	tnntctnggg	ntccgggtnn	gnttntactc	antgcnantn		830

<210> 2859

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2859

tgtnntttgt	tgggtgtntct	ttctancatn	cggggntctc	gnnctnccgc	ancagccnng	60
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cgantcggac	tgacagnngt	gcacatgg	cattctgttt	ttgaaaagtt	acacact	120
attaagtatt	gaaaatgttc	taacagaaa	aacgattttc	ttaatcatag	ttcattgt	180
ggggtgtgta	tgtaagtttt	aacgtgcaaa	ttaacatata	gaagtcactt	tgtgaggttt	240
catttaaagt	tatttctcag	attttgctga	atctgtaata	gccattgaaa	tatttaagta	300
ccttggtgtg	tcctggcatc	aataaacaga	tttttctttc	cctcctcatg	ccatacaaaa	360
gttgacaata	gctttatcac	caaggaaga	aagctgacca	tcattgccct	ttatttgggc	420
ccagttgcc	tggttacagc	cctttagcta	aattgggaat	ggtaaccaaa	ataacatttg	480
cataacattc	ccttgttctg	cccacctctt	tgacatctt	caaatacaag	ttttggtctg	540
atcaccatac	tatgctgtag	cctactttta	ggaagtactt	taggctaaat	agatttgtn	600
catttatgct	aaatgctctc	ctggacacta	ccatactcag	catattcctg	gaaatctaac	660
gcaatnatnt	taccttttaa	aacacccggn	ctccaacngg	nnnnntacct	ntnaccncn	720
ctgnncnna	tntnttnncc	tncttatcn	antaaangc			759

<210> 2860

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2860

ntttaactna	cnggctngga	naccnnttct	gcagnaagcn	nnnccgngca	attcggcacg	60
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aattagtcaa	caatatgctg	ttgactgcag	agctgtatct	tcagtgggtg	gatgaagcta	180
cagtagggga	gatcactcat	gctaggtatg	gatctcctta	cccttggcct	ctgaatcata	240
ttttggccta	tcaaaaacag	tggaagtca	aacgtaagat	gaaagctatt	ggatggggaa	300
agaagactct	ggaccaggtc	ttanaggatg	tagaccagtg	ctgtcaagct	ctctctcaaa	360
gactgggaac	acaaccgtat	ttcttcaata	agcagcctac	tgaacttgac	gcactggtat	420
ttggccatct	atacaccatt	cttaccacac	aattgacaaa	tgatgaactt	tctgagaagg	480
tgaaaaacta	tagcaacctg	cttgctttct	gtaggagaat	tgaacagcac	tattttgaag	540
atcgtggtaa	aggcaggctg	tcataagagta	tgtgttaagt	ctcangagtc	ttaaacttng	600
gaaatatggt	tttacttnaa	tgttacatta	gatatngggg	gntacgaatt	tttanaacca	660
aattactggc	tttttgnaac	cttcaaaaata	ttataatggg	atcttaatgg	aatgngcctn	720
taanattggg	naatttgggg	tattacaatt	aaaaanaaaa	tnccg		765

<210> 2861

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2861

gaancagctc	tntncttttt	gcaggatccc	tcgattcgaa	ttcggcacga	gagttgctgt	60
cagtcttggt	gtggaaagga	gacgcactca	tgacattgca	aatgtgctgg	agtcgctgca	120
tctggtcagc	cgggtggcta	agaatcagtc	tggtggcat	ggacggcaca	gcctgccnaa	180
aacctgagg	aacctccana	gactnggaga	ggagcagaaa	tatgangagc	anatggccta	240
cctncaacag	aaagagctgg	ncctgataga	ttataaatnt	gganaacgtn	gaanagatgg	300
tgatccagat	ncccaagaac	aacagttact	gganntctct	gaacccgact	gnncctcttc	360
atctgcnac	agtggaaaag	acnagtctnt	gagaattatn	agccagangt	ttgtcatgct	420
gnncctcgnc	tncaaaaccn	agatngtcac	tctggatgtg	gctgccgaaa	tactgntcgn	480

agacngccaa gatgccccag ac agnan atttaaattgt aagaatnttc ac catna	540
ncttactagc acataaaggg tgg atttna tgngtngata ttntctgctt ccg gattaa	600
aaatctntnt antgnttggt gacntangca tggaagtgcc cnaaactcct gcctttttaa	660
actntcnng agnccatttc cgtanattcn cacntgatta aganncaatg gtgaagtttg	720
ggnaaaaccg ccacttggat gcaccggaaa aanatnt	757

<210> 2862  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (750)  
 <223> n = A,T,C or G

<400> 2862	
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gttgcattctt ataacttgta tagattgagc tgattgaaat aagattttgt tccaagtatt	120
atctgataga atacaagatg attcaaaatt atatagatat ttaaagcttt tctgctgttt	180
ttttttttta attgcaactg cttttctgcc gtgcctctct. tccctaccca aaagtgatga	240
gttctgaaca agacaagact gtcattattgt agagactttg gtatgtgata ccatagaata	300
ctgattggat agccatccta gtcacttacc aatactgact agaagttaac tcttaattct	360
aagctatctt aaaatgcata tatatacttc ttgcatggaa gagcaaaaaca aattcaagtt	420
gtcatgcctg ataatttcag atgccaccgt atagcaaagg gtgaacatgt tttcaaccct	480
ttactttttt acggtgtttg aagaccagct actccttaat atttatcaat ggattaagaa	540
gtttaagatt ttgcagattt atcaatttgg gtttttgtac tgaagttgtc ttgcggtttt	600
gcaagtgtcc ctttatattt aaatttgaaa gttgtaagcc ctggatgtta atgtgattga	660
tcagcatggg catatgtaaa atgncctttt ctgggtggct ctctatgcc aatgggtcag	720
atccttacac ccntaattna accagtnngt	750

<210> 2863  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (742)  
 <223> n = A,T,C or G

<400> 2863	
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tgccctggag ccaggcaagg caggaggccc cagaaacttg gtgggggaga taacggaggg	120
gatggagcag gaggaatcct gaaaaccgga ctgggagaga tggggccgag tggacgatgc	180
ccagtaccag cgggcgtctg agactgaaac attaattctg aagaagaaga aactagacag	240
tcagacctcc aggactaaga tgaagtgagc cgagaggana tcgtatcata agaatgcttc	300
tgctgntagc cgggtgcagt gctgtgtgta tctagttnca gntacttgag aggctgaggc	360
aggangattg cttgagtcca gaaagtggca gttgcagtga gtggagatcg cgccactgct	420
ctncagcctg ngtggcanan cgagaccctg tctcaaaana taancaaaaa caaatgctt	480
ctgtcagtta acaatcttta ttaaaagggg ttttagtctt tctttctcaa cttgtatgtt	540
aanttggttg acaaatgcna attnacgtct ttattatnct ttctttctna anaaaaaagc	600
cnnntntggt nanaanctcn acctntgaac tntgtgagtc ttattacntn natccntcca	660
tgataagatc cnttgatnat ttggacaaac ccacttgaat gcnttgaaaa aaangctttt	720
ttgggaaatt tnngatccta tc	742

<210> 2864

<211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 2864

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attgaataac	ataatztatg	tgaaaacact	taattatgaa	tgctgtaaaa	ctatcaaagc	180
cattaatatg	tgtnatagta	gcatcataca	ttttgcagca	taatccagag	aacaaggagt	240
tgттаасааg	ggagaggaag	ataatctggt	tgggctagta	ttatactctc	aggtgctact	300
gacttccttag	atgaccttca	agatgttagt	acaactctct	acttgagat	gctattttct	360
ggggatgtta	atatccactc	tattcacaaa	attttaagaa	aagtcaagta	gcatggatga	420
aactctccaa	agttctgctt	aaaactaaaa	tatcttagtt	gtcactgaag	ccacagatat	480
tttgtgaatg	cagcatgttc	ccaataggca	gtccctctta	gcctcacagt	ccaagctggc	540
aacaggatca	cattccaggg	aatgaacaga	aaggctggca	ggcaatcaca	ccgctgatat	600
cttangtggtg	tgggcccccc	atTTTTTTTT	tgagatggag	nctnactctg	ttgccaagc	660
tggagccttt	taactatag	tgagtcgtat	tacgtanatc	cngacattgt	taggatncat	720
tggaatgaagt	ttgggncaac	cacacttgga	atgcngncg			759

<210> 2865  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2865

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ttgcgaantc	ngcacgaggg	acccccctaat	tttgtacatg	ttgatgatag	gaataagggc	120
ttcgtttatt	ttcactgcat	gctctctatg	gaaagaggat	gtgctaagca	aacaagcatt	180
gtaaacaata	tttcagaggg	aagggttttg	cctgctttta	aaaaataaaa	tgtttgcaag	240
tacaattaaa	aaccagtata	agggacaggg	gtgggatgaa	aacctgtctc	taagattacg	300
aagcctgcgt	tatttcccct	aaatcccctt	cgaggaagat	ttgaatccct	catcaacaaa	360
ttttcattga	ttatgtttct	attatatata	ctgtagactc	tatattcacg	aatgtaatca	420
tactcattca	gaaaaatata	ggaagagaaa	atgagtatga	cctgtagcct	gaatttcatt	480
ataaaagatt	taaaaatata	cattttatat	taaaattgat	gtaatctttt	aattatgaag	540
tctttgattc	tttagatggt	ttcatccata	acccaagagc	aagatcttgg	catcagtttt	600
ttccangtta	tgtctatatc	atctattatt	acttaaaagt	ttggagttac	atataggata	660
tattgatatn	tagagagtta	taggatatat	gnnanttttt	ttcaattcca	gtcccccaac	720
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<210> 2866  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)



<223> n = A,T,C or G

<400> 2866

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ccggagaagg	gctcaggttg	gaggggcctc	agcaggctcc	cagctcaggg	gctggcctgg	180
ggggaacctt	gggagccagg	ggctgactcc	agcaacactg	gcctgtctgc	ctgttctggg	240
agggctgtga	ggatgtcttg	cagatgctct	ggatttctgc	ggaggcacct	ccattccttt	300
ctggcttttt	ttgcggggga	gggcttttgg	cctcttttct	tgaggggaaca	ccgtcaaaga	360
aagcctggga	gatcgaggct	tcagtgcagg	aggatggaaa	cgctgtgtcc	aagtgtccgg	420
acaggcggca	gaggcctnag	tgcgggcaaac	acagccccag	agcctgtgtg	gcaccagcag	480
catcttanag	ccccaggtat	atgctgagan	cttatctcac	gctgcctcca	ntgtctgggg	540
ggcccaaaat	gatggcacia	gggcangtgg	gcctgnaagg	ggccncaaaa	tgccctgnng	600
ttcaaaggga	aggggtggccc	accaatgggg	cccnanggtc	ttaaccccaa	ggaacccctt	660
tggntctnng	tnccttaaac	ccttggcann	tnacnggnaa	gnacctaata	ggngggnaact	720
ggncccangg	gcccnnngtg	nacctttggg	ggggccaaaa	tngggaaagg	gccccccctg	780
aaaaaaaaan						790

<210> 2867

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2867

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ctgtgcatct	tgcaggaaaag	tagatgctct	tggtcatttg	agtaatccga	atcttggtat	180
ttccagtcaa	ctcagttgga	tttctgggat	gagaattaga	ggagtcccat	tgaaaaactg	240
gaatgagaga	tgagaagttt	gctgaaaaca	gaacattttt	ttgtgtgtgg	attgatttgc	300
ctcgtatacc	tgcttgttac	tttaaccaca	tctttgcagt	ttaaaataga	acacattatt	360
tcttcagatt	cacttatatt	gactacatca	gtaatgctct	tacaaggctg	catgacagat	420
ttatggtgac	atgcttttag	cagttcaaaa	tccttaaacc	tatatccagc	tccttttttc	480
ctagaaagta	agtcattctta	atcttcaatc	tttctttctt	tttaattctt	taatgatttt	540
ttgggggaga	ggaatcttgg	cagtttagatt	cttcaagctt	ggctacaaat	gggttaaaaat	600
ataagtgggtg	aaaatnttat	actttntcct	atttngantt	tgntctgtca	tttggnttct	660
tcccatgggtc	tcaagtatac	aattnccaag	tttattgggg	ctgnntcacn	tgnttcatt	720
tctgcaggga	aaaggctgcn	ttncnnaatt	gggggttnggc	cn		762

<210> 2868

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 2868

ttgttctttt	tgcaggatcc	catcgattcg	ccagagcgag	cacgcgtctg	gcggtctgctg	60
tcgttgtgtt	ctaccccgta	ctgacccaac	accacaaggg	ctttctctgg	tccctgttcc	120
ctaagacaat	aatcgctttc	tgacaaagga	gcctgcacat	ttgggtgagc	agacccaagc	180

tggtttacagc	tctttcttgt	ccatcc	agtagcagtt	agtcttcac	ccgtgaa	240
caaaatggga	aggagccgtg	aggaggag	tgaggcaaca	ggcaccgaa	gtctcgtc	300
cttccctctg	tgtgctctga	atatgtcctt	gtccttcctg	acccatctct	gaccagctgg	360
gaacctgctt	gggggtcccc	tcaaacctgt	gnctgggggtg	tgggctcaca	gatccctatc	420
agcctgggtc	gtgggagggc	tcttcctaaa	gggaccccca	tctctaagtc	actctgaaag	480
ggagttgtgg	agaggagacg	ccctncaaac	tcttcagaag	tntntgagga	cttgaactgg	540
gtcactcggg	atctgngtnc	gaaatccttc	ccaacccttt	tcttttgggg	gagntttcct	600
taaccctgct	ngcttgnaan	ccaccaaang	gtttttgggn	ggcctntcct	ttttcttcna	660
ttttggtttt	aaaagggcaa	ntngtnccaa	aaaagcccat	ttcccnngaa	atgccccaan	720
aaccanggg	ggccttaatt	ttnttaaggg	ggaaagggna	aggttcnggt	tttcccaatn	780
gnntttcccc	ttcccc					796

<210> 2869  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

gacnnntgtg	nangnncgtg	gaaatgncct	ttctnnanga	nncccntgcg	ntnccaattc	60
ggcacgagaa	tacacacaac	atataagaca	tggcantttt	ctgtttatgt	tatcaggttt	120
aaggcttctg	gtcaacagta	agctatgagt	agttaagttt	ctggggggac	aaaaatttgg	180
ttgtcaactg	atgggggggc	ggtgttggca	cccctaaccc	gtgcactgtt	gaagggtcaa	240
ttgnactgna	tttatatatg	ccancagctc	tncaactgtg	gtctgcagat	ctcatgaggt	300
ctcctttcag	gggaccacac	tgggcaaaac	tatatccata	ctactactaa	agccatttgc	360
attttccact	gngttgatat	ttgcctgatg	ttgcaaaagc	nttgggtgggt	aaaactgccg	420
gtaccttagt	gcaaactcag	tcaanggcac	taaacgtata	nttgccatta	gatecctctc	480
tcancattct	gtgctngcag	ntnaaanntt	aataagccng	ttttacntan	gaatgtcctt	540
aatgaagcaa	ttgaaatgac	taattttatt	aaaatctnaa	gccttgagta	tatatctctt	600
tcaatattct	atggaaataa	ntggnaacta	tncattaagc	atttctgcat	gcaaataatg	660
nactgnnttg	aagnaaanct	ctgcgggttn	cnaattgcna	accttgaact	acccattgat	720
acttggatgt	gcaggctnnc	ggacaacc				748

<210> 2870  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

tttnnatgct	ggttgtcgtt	ctntctnnaa	gatccnngcg	ngnccaattc	ggcacgagcc	60
cagaatgaac	atgcagcccc	cccaagtaat	cctgtgatcc	caggggtttc	agatagactt	120
ttgagttttt	cacagtctgt	cttaactcag	caagataact	tgggacttca	gaaacagttg	180
gatctacaaa	gagaagtctt	gcattatagc	cagaaagccc	aggaaaaatt	gcttgtacag	240
agacaaacag	cattgcagca	gcagatacag	aaacatgaag	agactttgaa	ggattttctt	300
aaagacagtc	agataagtaa	gccacagtt	gaaaatgatt	taaaaaccca	gaagatgggg	360
cagctcagag	actggtttcc	taatacacaa	gacctagcag	gaaatgatca	agaaaatatt	420
aggcatgcag	ataggaacaa	ctctgatgat	aatcatttgg	cttcagaaga	tactagtgcc	480
aagcaaagtg	gtgagcatct	ggagaaagat	ctggggagaa	gatcctcaaa	gcccctgtag	540

caaaagtcaa atgtggtttg ga	aaacc agcattgaac ttagtgctat ac	aaagta	600
gagtcaccag caattggcag aa	ctata ctaggtaaac caggtattta tg	acaga	660
gacccctgc gagtcttaat taagcccag	acaaaggttt ttttgggagc ccctggccat		720
ggatcccgtt angttgnctt n			741

<210> 2871  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 2871						
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actgccctcc tggaagagat gcattaggat	cggtttgenc agtaatacct ttacatgann		120			
ccatttngag aatgatnacg ggccaaagnt	aacgggtgna ctgttangnc ancatggact		180			
nngagaangc aagggttnang gtgaccaggt	ctggcanagt aannagcctt ncgntnnaag		240			
ngnacctgnn ccngaccnc agaggatngt	naccantnng actgnaggaa tganncnngt		300			
nnggntgatn tntctncatn gannccataa	tctaatacat gattangaga nccaaatngg		360			
ctgctcntta anngacatcc canannctat	ctgatcctaa tgcggnnecat nctngatanc		420			
ttagtgctnn taaacgncgt gntcatacat	nnactnatgc ttnggcnanc cactcnngn		480			
tgttangtna cntatgtann ncnngacngg	anacttctnc tctgtgnagc agtcatcaca		540			
tctntacang nnctangtn antatngctn	tnaacncggn ntgtagtga tactggagca		600			
tggtttctn ntnacactgc attgctgtca	catcttggct gagcnagta atgtccgtcn		660			
agncttaata natcntngaa tgntgggcna	tcgcctggag ttccangatc ntttggagtc		720			
cgtnacttt tatnt			735			

<210> 2872  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2872						
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gggcatncgg gggatccctg tgattttggt	gaggggtgagc acccagggtc cacagggtc		120			
tgtcctgggc aggccagcag atgcagtgat	tgcaaatcct ccttgtncaa atggaacagg		180			
cacgtgcatt tgtggcacac tcagagctgc	tggccactag tgngctttgg agaatacgtt		240			
gtctcccagg cggggaangt ccctcagaca	taaaatactc acccatttag aggaatgaca		300			
acagcaaagg aaactatatt ctgctaattt	actggtaaga gaggaaaaac tctgtcatgc		360			
atacacatga cagaggctct gcctaaagag	agaggcagca cgatacagat attagcaa		420			
gactactctc cangaagaaa cacaccagcc	aggaacggna ctcacacctg naatccagna		480			
ctttcanagg cactccggt aggatggctt	canaccatga gtttgagact agnctgngca		540			
acctggcnga cttcatctnt accannaaat	gaaaccatgc attccaacct ncnannagat		600			
cantnangag acccacacct gggagtnncc	agatatttca aaggctnngc angaaggatc		660			
tcttngggcc aggaaaangg aaggcttgca	attgaactat gatcctacca cttcactttc		720			
agnccggggc nnccaaancc atgaccctn	nt		752			

<210> 2873  
 <211> 771

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(771)  
<223> n = A,T,C or G

<400> 2873  
tctangagat ggnatgtntc gncctntctc naagagnaanaa ggcttggcgn attccgggcc 60  
aagatcgaga ccntcctggc taacacgggtg aanccncatc tctactaaaa atacaaaaaa 120  
ttagctgggc atagtggcag gtgcctgtag tcccagctac tcgggaggct gaggcaggag 180  
aatggcgtga acccgggagg cggagcttgc agtgagctga aattgcaaca ctgcactcca 240  
gcctgggcga cagagtgaaga ctccgtctca aaataaaaaa ataaaatggg aatatcaata 300  
gggcctatatt agtaggggtg aagtatagct ctaatgagat ggtccatact ggtccccag 360  
cacataggaa gccctcaaga aataaaggct agtggttaacc tgcacagtga tgggaggaca 420  
ggggctatgc agaaaaactt ggagcaaaga aacgagagca aatatgggaa aataacaatt 480  
tgtgtggggg tgaacatatg gttgttcac gtactgtttt ttcaaatttt ctgtatggtt 540  
gaaaaaagtg ataatttttt gggggaaaat ctggcatgtt cccctgcacc tanggtatat 600  
caaatgtat tgacaaaatc caaattaaaa gccaaactca aaaaaaaaaa aaaaaaaaaa 660  
aactcgagcc ctnttaanaa ctattagtg agtccgtatt tacngtagaa tncnggaccc 720  
tggttaagg atncatttgg atgaagtttt gggacaaanc cccaactttg n 771

<210> 2874  
<211> 744  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(744)  
<223> n = A,T,C or G

<400> 2874  
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ttaccacaac acatgcctca ttaagaaaca ntttncatca gagggaatgc ctgcctccct 120  
gntaccagct ctgcagatgt gcacatatct tcctgtcgta agccaatggg acttaaacct 180  
tacctcttgt gttttggaga ctatctttta tttttttttt tttgagagag tgtctccctg 240  
tgttgctcag gctggagtgc agtggtgtga tctcggtcga ctgtaacctt cacctactgg 300  
gttcaagtaa ctctcctgcc tcagcctccc gagtagcttg gactacaggc gtgcaccacc 360  
acacctggct aactttttgt atttttagta gagacggggg tttgccatgt tgcccgggct 420  
ggtctcgaac tcctgacctt aaatgagcct cctgcctcag cctcccaaac tgctgggatt 480  
acaggcgtgt gccaccatgc ctggctaata tttatatatt cagtagagac gaggggtttgc 540  
catgttggcc aggctgggct cgaactcctg acctcaagtg gtccacccac cttggcctcc 600  
tagagtgtg ggattacagg gggtagacca ctgngcccgg gctctttttg tttcttaaaa 660  
gactttggtc gggattttgg gntggatgga gtattgngtc tgggtgnggg taattcgann 720  
cctnnntng tnnngggggg anag 744

<210> 2875  
<211> 755  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(755)  
<223> n = A,T,C or G

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<400> 2875
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cactccagcc tgggtgacag agtgagactc cgtgtcaaaa aaaaaagtcc caaactgttt      120
ggctttatatt aggcagtaaa tattctactt cgggatgacc tgtcatggag ccagtaaggc      180
ctctacaaat cacatcccaa acaaatacaa ctcagatgag caaagtaagg cccagatgaa      240
atgacatctc gatctcttct atggcagaaa ctcagcaaga cataatgaaa caaagatagc      300
taaagtccat tatttaatgc tctactccca agagaattat gggactttaa ggctactcac      360
taacatacaa aattaccatg cagatatggg gggaaagtcc atgtccagaa aaaacttggt      420
ttgcaaacct tagaactatg tcattgcagg attatgtgtg tgtgcccgtg tgtgtgctca      480
caggctttga agagttttat gagtatccat tatccaaaat gcttggaac agaagtgttt      540
tggattttag attttgaaat atttgcatta tacttaacaa gttcaagttc agcatncaaa      600
acccaaaatg ctccagttag catttccttt gagcatgtca gtacgcaaaa agtttcagat      660
tttgaggcac ttaagattta ggatttggga tatcagcctg cataatcaaa ctttcttcat      720
tcaggaatgt aaaangaggt ttaatatgag cttan                                     755

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<210> 2876

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

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<400> 2876
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gagatcacct gatgtcagga gtctgagacc tttttggtca gcaagggtgaa accctgtctc      120
tactaaaaat acaaaaatta gccaggcgtg gtggcgtgtg cctgtagtcc cagctacttg      180
gggaggctga ggcaggagaa tcacttgaac ccggaggcag aggttgcagt gagctgagat      240
cttgccactg cactccagcc tgggtgacag agcaagactc catctcaaaa aaaaaaagaa      300
gatggaatta gctgagtttc atggctgctt gggagggttt ttgcagacaa agactccctc      360
tctcaccag actggagtgc agtggcgtga ccctaactca ctggagcctt gaactcctgg      420
tctacggtga tctcctgct tcagcctaag tagctgttat tggcatgagc cactgcccct      480
ggctcacatg gctgcttaaa tggagaggtt agcagttgag actgagaaac atgaaggact      540
angtaagtat ggggctccca gatagagggc agcccacaaa cgagataagc agaagctgcc      600
caaaggggga aggaaagaca gccagacag ggggaatgtta agaagaagac tcaagccaac      660
tcaaggggtt taataaaaaan ggagcctaag ctctctttta nncattcacc caagccatat      720
gggatttcag caaacttggc cctgtcccaa gggacctccc ttttggcaag g.                                     771

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<210> 2877

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

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<400> 2877
tnnnnttgac ncnttncnag gctacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagct gggagcgaga cggtggcccc gnccagcccc atgggcccaca ccggctggtg      120
agacgagagg atggggcagc aggggaccgg gacctgcggg cagctgtggt gatcaggacg      180
ctgaggagcc aggaggcctg cctggaggcg gtgctacgtc gactacaggg acagtgtcgg      240
caggaactgg ccaggctggt gggagccccg cctggtctca tctggatccc gccacctgga      300
cgctgagggc ctgtcgacgg gccctcgtgt gggagcctg ccctggccca gcctggctgg      360

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gtcttggagg	ancagattcc	aaagcaggt	ggccgcangg	acgatgcaga	tgagccc	420
acgtnacatg	ctcgctccag	gggagggct	gggctgactc	tggccggatc	ccagcctgt	480
ggctagcagc	actggggaca	ggaatggctg	gtcccttgag	gaggtcntga	caggctcaac	540
ctgntgggtct	ggangggact	cggaaataaa	ttgtancagc	tttccttgcc	aaaaaaaaaa	600
anatnnannn	nncnntnnnn	naaanaaaaa	aactcgagcc	tttaaaactn	ttngngaagt	660
cgtattttact	tngaattcca	aaacnttgat	taggatncct	ttgnnnnaat	tttggganca	720
aaccncaaac	ttnnnaatgc	cnntnnaaaa	aaaaagcctt	ttattttggg	gnaaaatt	778

<210> 2878

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2878

tgcatacaca	cgcttnggaa	ctngccctct	ttctgcagga	tcccatcgat	ncgcgctctc	60
cctttatagt	ttctctataa	aaactgggtt	taaaattagt	ggaaaagggc	aggttgaatc	120
aaggtgaatc	aatctgaaat	tgagcacacc	tgccctgccat	cgctgttcct	tcaactgagt	180
gctgcacatc	atgggctctg	tctgtgagag	aaaaatcccg	gtgcttgggt	tccttgcatg	240
acatggagtt	ttgcatgtag	atcantttaa	aatgtacctc	ttgtttacat	aatttgcata	300
attttaaaag	ataatgttgn	cnaactntgg	aatgtttaat	gttcagactg	aaaatctcca	360
ctacatgtaa	ctctcttcct	ctggatcact	ggcatggntt	ataatcccag	ccagtggttt	420
gaactgntcc	antgtcaact	gccatgtgct	ctgcttcaag	ggggaactag	ccttttgnga	480
attttttgcc	ataagtattt	gttacnaata	ttttagcaaa	tgctttctat	tnctctagct	540
tgtgcataat	ttggctgggc	gttacagaan	nnatagncta	cccattatnt	tncttaccgn	600
ggaaatgaag	ggntantncc	tttccncttt	tantccggtc	cnnttttttna	ctttaatgta	660
nagggngggt	gggataaagg	gaangnggat	gnangaagcn	ttaannnacc	tnaaatttct	720
tgaaccccn	caangncnnn	ngggttcctt	tttaaccccn	aannn		765

<210> 2879

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 2879

cntgntnnnn	nttcaancct	ggnaancgcc	tttctnnann	agancggtn	gntttagaaa	60
tagaactcct	gtagatgtgt	agaaagantg	atggnaaaga	gaaaggactg	atgtccttct	120
tttcattgaa	aaagatattg	tttaggtcct	acaatggctt	aggatgggtt	tgagactctg	180
gggttacaaa	gcaaagaaaa	cctggcctct	gccctgctca	gagaacagca	gggatacagc	240
atgttagcaa	ataagtatat	agtgtggaaa	ggctctgtagt	caatagcagt	cattttgaca	300
ataggaaaag	gaatgtgtga	aacttctggg	tctgtgtgtg	tggtgggggt	gggtgggtcaa	360
gggaggggat	ccaaagatgg	tttactaag	aagggaaaaa	caccggacct	gagacttgaa	420
tgcaagtaga	attttgccag	gcagatgatc	tgcttctcca	ggtagataat	ccatcctggg	480
cagacaaaac	caggctgtag	aagggaacacc	atgtgtggag	caatagaaat	atctcattgg	540
tactggagta	taatgcatgc	caagaaacca	ggcaaggtag	acanggggcc	acccgtgnaa	600
ggaaacctct	tgaaatangg	ggaatggata	ttcatcacat	tttccattgt	ttaaggacca	660
aattgggaan	aaagtttnaa	tantccaaga	atgttaagga	aaaagnttaa	atgggaaggg	720
gaagaccaa	tttccaaggt	ggnttccaag	cccnaagggg	attgacncan	ttccttaan	780

<210> 2880  
<211> 771  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(771)  
<223> n = A,T,C or G

<400> 2880  
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aaggaaaaga aaaagatttc agagagtctg atcaataata gcttgtgggt cctagttagt 180  
ggagcagtgt ataaagaggt aagggttttg agggaaaaaa atactatgtc aaatgggggg 240  
tgaatgataa aaatcgctct cattttcctt tttttcacct ttcattcttca tttatggaat 300  
ttctatacaa taaatntgnt tggcatttaa taacagtgcc tctcccccg aatactgttt 360  
ttattttatc ttacttaaca aaatattntg tagtgggtct gtgccaaagt ctgttctaag 420  
cactttgcna atattnttc acntaacctt ataagggtggg tcctgtttta tgcctctttg 480  
ttcgnntgcc agcaattaat gaaactgaaa cagtgcctgt ccaagacacc ntaagnagta 540  
aatggcatag ctggaatttg gccctnaagt cagtcctctt aaccactgng ctcttctgtc 600  
tgctaagga aaacccttat aaagtgggta accanaaaaa gccagaggtc tgggtttann 660  
ntnccatttt nggcnttttn aaaaccgggn tttttgcctc ttgtcccccc aagaanttgg 720  
gggttttcaa tggaaccttt ggntcncnnc canngggggc tcnancnncn g 771

<210> 2881  
<211> 768  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(768)  
<223> n = A,T,C or G

<400> 2881  
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gcacgaggng aggcattntg gcntnaacnt ggcgttttta cagaagttat gtgccactgt 120  
ggaaatngct ggaaatacaa atgcaaaaga aaacacaaat ctctgncatt ctgcagaaac 180  
agcattctnn ngaccccntn nggcttattc tatagatgta tacccttggt cttacagaaa 240  
cttgatcata ttattntatn actngcnggt tcatntaaaa atatcatgaa catcttnngt 300  
gacatgacat gtctcnnctn tnaatgagng catagacnnc caaactacaa atcttccata 360  
ctcngtgnan agnncctcca ctgcagtcca ncctgggcaa cacantgaga ctccgtcgca 420  
aaaangncaa nagacngct attgacnnc aatttgacnt tggatganng tggcantaat 480  
ntgantgccg taacancgaa tgcaggaggn gagaggaana naccgggagc ccaagttgna 540  
ttgggaaagt ggntcaggcc attggtantg naaaaatcat aattcncang antttganat 600  
gggagaaatg cgggcnggac ttgaccgnat ctnactgaaa ncgnanactn cancggaag 660  
ntncaaggcn aanngntcat tttaaacccc anggnnttcc angctggnaa nganncccng 720  
ggattgnncc nactnncctt ccaggcctgn aanaacaaaa actgnnct 768

<210> 2882  
<211> 743  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 2882  
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 taaacagtga tacatagatt gccagatntt ttttggaagg gctttgatta attaggcttc 120  
 agggaaattg tgaataaaaa cataaatctt gcaatagggt aggggaaaga aaataatccc 180  
 actcctgaag tgatgaaatg aagagtggct agagaggaga aaagaaccag gacaggtgat 240  
 atattagcaa ctgtcagtggt gaataatcca ggggtatgaca tttctaattt agcctcacat 300  
 ttaagggtcat ttctgattca acctcaaag atccttctag cctactgctc ccctaaatat 360  
 taatatattc tttgtgccag tcacagtgta ttaacatttc cctgaaaaca tcttaagcat 420  
 tttttttaac ctatgtgact tttgccttct tccatctcaa ccttttaaaa tcttacctac 480  
 ctgtccctta cttcatcaaa tgttttcta ttttagaaa caacttctaa atttcctaatt 540  
 atatatgtat atctgngttg agtatgtatg tgnnataact aaattagagc taaaatattc 600  
 ttttattagt atgaaaattt gtgnaattag ttgatttatn ctttcatata tctctgggag 660  
 aaaatctctt ggtcaagcct ggtagccctc agagaacttt aaagttttat tgattctaatt 720  
 nttatgtatg tatgcatgna tgc 743

<210> 2883  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2883  
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 tttacagttt gtttggtttt ttttaaaata agtagaagat atacactaaa gtaatgataa 120  
 atgtatagta tagtaaatac acaaaccatt aacagttggt tattttcaag tatatgtact 180  
 gtacattaat tgtgtgtgct gtacttttat acaactggca gcatggtagg tttgttcaca 240  
 ccactctctc cacaaacctg agaatcgtgt tgttgactcg caagtcatta agtttaggaat 300  
 tgttcagctt cattataatt tgtgggaaca taagatgtcc ttaaataagca cataactgta 360  
 atgtgttttt ttttaacatct tggttttttc agcagctatg ttagtatcca gcagataact 420  
 ggcactctgg acatttgatg ggtgaaaata ttcacgggtc attcttttct tcgaatgagc 480  
 cccaataatc attgcctcct gaattcctct atcaatattt tgcctatcat ttgacatttt 540  
 tagacattta aaacttctta gtaagatagg acattactgt aagagcattt gtctgcatat 600  
 actatttcag tttttttccc ctttgtctga gttaattctc tatctactgg tcacagtaaa 660  
 gagttccata acatactaca cttgcctaaa cagatttaac ctctggcagc tcactctgact 720  
 gaacacagta agtaagg 737

<210> 2884  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 2884  
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tccactgact	cctacctcca	aa	natac	tttttagacc	ttattttcct	aa	tgagg	120
ntagtangag	ggctgcttnc	cc	agcctg	gattactgct	ttggcctaga	ag	gaagat	180
ggcatatgtg	gttatgcctt	ggg	actgta	gatgtgaccc	ccttnattaa	aaa	atgtaaa	240
attncttgga	tccccttcat	gc	aggagaag	tataccaagc	caa	atgggtga	caaggaactc	300
tctgaggctg	agaaaataat	gtt	gagntnc	catgaagaac	ang	angnact	gccanaaact	360
ttccttgcta	atntcccttc	tct	gataaag	atggacattc	acaaaaaagt	aact	gaccca	420
ngtgtggcca	aaagcatgat	ggct	ngcctc	ctgncttcac	tgaaggctaa	nggct	cccgg	480
ggagcttttn	gagaagngag	acc	anatgan	anaagaattc	tggaatctta	cag	cangtta	540
agatggtnnt	gaaattgcaa	aaaa	aggaag	gatttncaaa	aggatgnngg	ctatt	acttt	600
ggtcnggaac	cctggggacc	aatt	cnttga	cactgggnaa	ctgntncaaa	aagt	ctctta	660
actgcaccct	nggnnnantg	ggta	acttga	agggcntcca	taacagtcaa	gccnc	nagaa	720
atgggnacca	aaaccatncc	aanng	gantt	cgcaaccnan	aaagacnnt			769

<210> 2885

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2885

gaancanctc	tgttcttttt	gc	aggatccc	atcgattcga	attcggcacg	agattgaatt	60
ttctgataat	tgaagcttat	ta	attgtcta	aaattatctt	aagatatttt	ctgatgtaca	120
tcattttaaa	atgagttgca	ca	cattttcta	ttctgtttca	acatattcaa	tataattttc	180
gctcttggtc	atctgttggt	att	cattata	taattcanac	gtggtctcag	gtctggagac	240
atgtgaagtt	attgctccta	ca	ctgagtg	ttccatgtca	ttatgcctta	atccttattt	300
agacacagct	atgataccct	ctt	tacaaca	taaaggataa	gcaaaaaggat	gtataaatgt	360
atcctgggct	ggaaagtggc	att	attgact	ggccattggc	catcagcaaa	ggggcctgag	420
tggaaggata	tgaaaggatg	ggt	gtaatgt	agatgacngg	ttgatgggtg	cagcaaacca	480
ccatggcagg	tgtataccta	tct	aacaaac	ctgcagggtc	tacacatgtg	tcccanaact	540
taaagtatag	ttaaaaaaa	aa	aggatgan	tggtgagcac	agctgacaca	ccccacgaat	600
atctgggggg	ctttgagaan	gtt	gctgana	tccagtaatc	atgtggcaag	tttcagttat	660
ttttattgag	acctcttggc	tca	ataggct	gttgaagtcc	ttggaactcc	atcaaagggtg	720
ggtttcccaa	tcctncatga	ct	gcng				746

<210> 2886

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2886

acngcgnncn	ctgaacngga	aat	ccccctnt	tgcacngnat	cccatcgatt	cgaattcggc	60
acgaggtgat	agagatcatg	ccg	cttgggt	tntttnttc	tccccctcgt	tgtaattcag	120
caggcttccc	agtgtgccct	gc	atcctcat	ctgtgaggcc	gacttcacta	tcattcccac	180
ttataggtgg	aggagactga	ggc	acagagc	tcccaaagcc	ccacagctgg	cgagtggcag	240
ggctagcgtg	cgatgtccac	tag	actggtg	tctgacgcag	aagctgcgct	tctcaccct	300
gggatctgga	agataattct	gat	gtgtgag	atccaggaga	atgcattgtt	taaccagaaa	360
atgttttgta	actgcatttt	tgt	tttttgac	agaaatgtga	ctgcccactg	aatantgagc	420
attggaatta	gagaccatct	ag	ctgccggg	gctgggntgg	gtcatcttgc	gnccnttaag	480

actgaattgg	gatgctggat	tccttta	aaaaccggca	tggngacata	ccaaacag	540
ggtancntaa	aacaacaaaa	tncttcac	aattctgaag	ggtaaaaggc	tgaattcang	600
gcntgtgggc	acggtgagct	ccttcttgan	gcanactggg	cccgttcctt	nccggaacct	660
ccggnnggca	acaagcttgc	cctnnggggn	nccctgnctt	ggancctgng	ttaaccccan	720
actnttgncc	ccgncttnat	ggggnancc				749

<210> 2887  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

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agagtgggag	gagtgggctg	tcagtaggcc	acnttntaaa	tatctgtgtt	ctggctgacc	120
cccatatgct	aggatactgg	agatgaggaa	ctggagaagg	tgcttaaaga	gcacatctgt	180
ctggtagagg	acacagagct	gtccttcaag	catttgaacg	atgttctcat	ttccctggaa	240
tcttctcctc	tccaggctca	catctctagc	tccttcaatg	attcctcttg	cgacatcatt	300
ttagttctct	tccccaacct	agtctttttg	cttttaatga	atgatcactg	atgtatagcc	360
ctgatgacat	ctggtgtcca	cagtgggtgcc	tgatgctccg	gggtaagttg	aagtttgacc	420
agtaagaggg	aagaaagaat	ggctcctccc	tcatttcaga	gaatacatcc	tagtcacaag	480
tgcccctaata	gtcactcagg	tttttgatag	ctacattccc	tcactgatcc	agtagaatac	540
actaccaact	gatgcaccat	cttgattaac	aacagcaagc	cttcccttcc	tttctcaagn	600
atctctcctn	acatggcttc	catncagatt	tgcttttaac	ctgccacttt	ggaangggcc	660
ccccgagatc	attttaatta	aacacgttat	tagaactggg	ttaataaggc	tancctctat	720
gtctctgcna	atatttccaa	gc				742

<210> 2888  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

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gagctctttt	cttgcttagt	gatggcatcc	attttaagga	acaaacctgg	aaatgctgag	120
caaagaacac	atacccttca	tttccaaagg	ttcatttccc	actcttactt	tagattgaca	180
atgagttgta	gttcaaaggc	tgccctgcag	ggaagctcat	ataccctata	atttaaaggg	240
cctcagacga	ctcttgggaa	acttggtaaa	acattctatt	tagagacatg	cctgctgata	300
tgacatatat	ttttatagtt	ataccctttt	attgctggga	cataaaacct	gttttctactc	360
aaaatgttcc	tgctttcaga	aaatagaaca	agagacatgc	agaaaacagt	gattctatta	420
ttgtgtatta	tgacttttgt	tttatagttc	tcttttccaa	ctcatctctt	ttccctgcag	480
ctgtggaatc	tggacagcaa	aatcttgtgg	acgtttattc	cactaagccc	agggatgaga	540
tggcactcan	gttaaagaac	taacattttc	tgaaaccttt	cattactttt	taccagcatc	600
angccctctt	aagttccaag	tggttaagaaa	cccttcattc	aaatctttac	ttccgncant	660
ncccatcttc	aagcccttct	attatgaacc	aaaatttcan	gaaaccncta	gggatgcccc	720
ttaagaaatt	gggtttacat	ggttggnccc	aaaaa			755

<210> 2889

<211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2889  
 cnaaanatnn ctggngnngc gcgttttgaa ctatcaacta gatctgggaa gatagaacag 60  
 gcnttntcag attgccttgt ttacaaagtgc tcatcacgaa aagtgttcct ctaggaaggc 120  
 ataatatgtg gcctgatgga tttgatgagt agattgtaaa agggttggga ttctggcaga 180  
 acaagaagag ataactaatt agtgggaatta actgagaaaa gagttcatta gcatgttggc 240  
 tattagactc taataaaaaat ggggtgtgaaa agatgggatt tggacctaga ggcagtctta 300  
 gagccataat cctttttttc tccttttgtg aaagtgcacag gtacttcttg tctgagtcca 360  
 taaatcagct atatctaaat ggaaaactat atcccactgg gatggtaatc acccttttga 420  
 tagaaagggtt agaagccaga ttcttcaaca gaaatggaac ttatcaattt aattaagatt 480  
 cctcaacagt agatttttag gtcagtggaa cccctgtgta aagcgatgtg ctactgcatg 540  
 cctagaatcc tatatcactg atagctgaaa aagaggcana gcacttacca ttttcattag 600  
 nctgtatncc cttggaatgt aagccctttt tgaangggaa atctactcag gangctgaag 660  
 cccggaaaat nacttggaac ccaggaagca naaggtttgc ttgtnaccn aaaattt 717

<210> 2890  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2890  
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 gcnttntcag attgccttgt ttacaaagtgc tcatcacgaa aagtgttcct ctaggaaggc 120  
 ataatatgtg gcctgatgga tttgatgagt agattgtaaa agggttggga ttctggcaga 180  
 acaagaagag ataactaatt agtgggaatta actgagaaaa gagttcatta gcatgttggc 240  
 tattagactc taataaaaaat ggggtgtgaaa agatgggatt tggacctaga ggcagtctta 300  
 gagccataat cctttttttc tccttttgtg aaagtgcacag gtacttcttg tctgagtcca 360  
 taaatcagct atatctaaat ggaaaactat atcccactgg gatggtaatc acccttttga 420  
 tagaaagggtt agaagccaga ttcttcaaca gaaatggaac ttatcaattt aattaagatt 480  
 cctcaacagt agatttttag gtcagtggaa cccctgtgta aagcgatgtg ctactgcatg 540  
 cctagaatcc tatatcactg atagctgaaa aagaggcana gcacttacca ttttcattag 600  
 nctgtatncc cttggaatgt aagccctttt tgaangggaa atctactcag gangctgaag 660  
 cccggaaaat nacttggaac ccaggaagca naaggtttgc ttgtnaccn aaaattt 717

<210> 2891  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

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<400> 2891
gagtagcang ggcanaactg gatcccat nncctnnanga anccanngcg atggaattc 60
gggcacgagg ctcttctctg tgccctttat ccgntttttc cagctcacag cactgacaac 120
cggtagcatc tccaggctct ccggcacctc tatgtgctgg ccgaggagcc caggcttcta 180
gtgcctgtgg atgtggacac aaacacgccc tgctatgccc tcttagaagt tacctacaag 240
ggcactcagt ggtatgaaca aaccaaagaa gaattgatgg ctctaccct tcttcagaa 300
ctccatcttt taaagcagat taaagtaaaa ggcccaagat actgggaact gctcatagat 360
ttaagcaaa gaacacaaca cttgaagtcc atcctttcca aggatggggg nttatatgtt 420
aaactccggg cgggtcagct ctctacaaa gaagatccaa tgggatggca aagnttgntg 480
gctcaagact gntgctaaca ggaactcnga agccccgggc tttcaagcca gaaacaatct 540
cagcattcac ttctgatcca cacttctggc atttgctgaa nattncngca agccaactgn 600
gaacatgggg cagaaaacag gaaantctgg aactcttttc ttcagncccc atgaaagggg 660
taccaggag acccaaaaaa gttgcccgnc atacataaca atggacaggc tataagaaaa 720
cttgggaaaa naaaaatgtc tgat 744

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<210> 2892

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

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<400> 2892
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gccaggatgg tcttgatctc ctgatcttgc gatccacccg ccttggcctc ccagagtgtc 180
gggattacag gcatgagcca ccacacctgg ccacagaagg gatcatttct aaatagcata 240
gaatcacagg gagtacacct catgtgactt cacgttttaga gtcagcattt gctcataatg 300
aattacatat cagtaaatga acatgacatg cttcaacttc aataatatta aacaaaactc 360
tttcagtgtg cttattcata gacgaaaaac agggcctgaa aaccagtggt gacttgggtg 420
tcatatatct tcagtttggg tgcactatat cagtgttaat caataaaggc caggaatgat 480
tttgagtagt aatgtccagc cttaaatctt aaatgaaagt gaaattcaaa cacttagccc 540
agcagtagaa gaacaaacac tagtgagaca agtataaatt tgntaagacg aacatggggc 600
agatcccat atctaataa tggggtcctt cgacagtatg taccgtctnn gaanaggaag 660
naaatattca aggtnccaa atggagccat ttccttcaaa agacaggccc aaggagcttn 720
tgaaaanaaa anccaagtgt nggccaanaa angaaggggg ccct 764

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<210> 2893

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(723)

<223> n = A,T,C or G

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<400> 2893
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tcctgaggtc tccccagcca ggctgaactg tgagtcaatt aaacctcttt ccccaataaa 120
ttaccagtc tcgggcatgt ctttattagc agtgtagaaa tggactaata caagtaccat 180
taataaattt cacaacgtag attaaatgtg caaatcctt gaaagacaca aattaaaaaa 240
tgacctgaga agaaaagaaa cttgaataga tctgtatcta ttaaagaagt tgaaattata 300
attagaaacc ttttgaacat tagaactcca ggccccttgt tgtgaattct atcgaacatt 360

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taaagtagaa	gtgaggccaa	ttcataa	gctcttttag	acaataaaga	agcatgg	420
tttatgtgat	tattaccttg	atgaaaac	cagacttaag	accttacaag	gaaagaaac	480
tgcagttact	catgaacata	gatgcaaaaa	tacctaataa	aagtttagca	aattctatcc	540
agtaatatat	aaaaatgaca	attcatcatg	ttcaaaggg	ggttatttta	agaatataag	600
ggttgcttta	acatctgaaa	gtcagtcagt	attaattaac	catactggta	ttaataacct	660
agnaaaacca	ttttggagca	tttcaataga	tcagaaaaa	gaaatttgac	aaaaatggcc	720
cat						723

<210> 2894

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 2894

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atggcccgcc	agaccgtant	ctcagacaca	gagctgagta	ttgttgaatc	atctgtgatc	120
agcttgctgc	aggaggcaga	aagtaaactct	gaacttagtc	agaacatctc	tgcccgggaa	180
cattttgtat	ttaccgatat	tgatggccaa	gtgtatcatc	tcactgttga	aggaaactca	240
gtaaaagaca	gtgctcggat	tccaccagat	ggaagtatgg	gtagtattac	ctgcatcgct	300
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aaaggcagag	tatccagagg	aatacccaca	caccgaagtt	gggtgaggaa	gattcgtttt	420
gctcctggta	aaggaaatca	aaaattaata	gcaatgtaca	atgatggagc	tgaagtgtgg	480
gatactaaag	aggttcanat	ggtgaacagt	ttaagaagtg	gcagaaatgt	gacctttcgn	540
atattggatg	tngactgggtg	tccgtcaaat	aaagtgatct	tggnctcaga	tgatgggtgc	600
atcaaaagtc	ctanagatgt	ctatgaagnc	tgcgtgcttt	anaatggatg	aaccaagagt	660
taccogancc	ttgtntgggg	ccccctatct	ccttgtttnc	agggcctntc	ttgccttgaa	720
agcccttttt	attacacc					738

<210> 2895

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2895

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cgtccangat	caagaggcca	gcagattcgg	actccgctga	gggctgtttc	ccgatccata	120
gatggtgcct	tctcgctgta	tcctcaatgg	tagaagcaca	aacaagcaag	ctccttcctg	180
cctcttttat	aaggactcca	accctgttca	tgagggctct	gccccatga	cccaatcagc	240
tccaaaggcc	ccacctccta	atactgtcac	cttgggggtg	agaattccaa	tgtgaatttg	300
cagggggagt	gggggacaca	cacaaatttc	ggggccatac	cacccttcac	cacaccctcc	360
tgcgctcagg	gtggcttgca	gtccctggcc	cttctgggtg	gcatttggtg	tgtcctttct	420
cttgggggtg	tttctgatgt	ttttactcta	tatagtgaag	agctagggag	agcgggtctt	480
ctccccctc	cctctccagt	cccctcaca	tcccagatgg	gttctaatac	agctgctggg	540
gctgatgcc	ctgagttggt	tgtgattcaa	taaagaatcc	ataagaaaaa	aanaantncn	600
tnnnnnnnnn	nnnnnnnnang	naannnnnn	nnnnnnnaan	nggnnnnnnn	annntnaaan	660
nnnnnnnnnn	nnnnnnnnnn	ntnntnnnt	nnnnnnntn	nntctcnnnn		710

<210> 2896  
 <211> 702  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

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<400> 2896
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cagacccag accacagagc acacagggga gggcacgggg cggccggggc aggggtgtctg      180
ctgcctcggtt tatgggattt gctccgcgtc tagcacactg ctgcctgcag tgctcctgtc      240
ccctgcagtg gctactctgg gcctacgggc ctaatcctgg ttggcatgaa aatgtcctga      300
ggctactgtg acaaatttcc acaagctgag tggtctaaag gaacacattt gttctcttac      360
agttgcaggg gccagaagag tctaaaaaca gtcagcaggg ctggttccnc ctgnaggctt      420
ataggggctg aatccggtnn ctgncttttn tagtatctgg agggcgctg catccnctng      480
cttatggccc ctttcatcac caaanccagt ngtgtnacat ctttccacct ntccctgacc      540
ctgacctncg ccctttctct taaaaggacc ntgtgtnact ttgggcctac ctanntnatt      600
tagggatatt antatttaag gaaccctgna ttttaatncc actggcnagn accttttgcc      660
aggtnaagng acaaattcca agggtttttag gatnaaaant gg                          702
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<210> 2897  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

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<400> 2897
gtcaaagctg ntctcgnatg ctgcgggaccc tncatgnncn agtgccttcc gnaattgacc      60
cangctggga gctattnaca catgtccatg tgggatanag agngcatgan agcncannan      120
cccancctgn tggtnacact tgctcatctg aggnctnacc tggatancan anacctaatc      180
catggggacn nnaancacct aatgngctnn tntgtaacca tccnnntggg tgaatnaccn      240
gaggncgagg antngacnac ctctgtgacc cacnctggga tnaannggtg ctantataan      300
tcgntgctgg cttgactcct gtgcctaagt gatcctcctg ccttnactng ngactagtna      360
ggactannng ncnacaccgg cacacntggc taattgctta aantcncann nttntnnntg      420
ganacgggan nntantngn acgncnangn tggncatgaa cttttggcct taagcagacc      480
ttctgntgcg gcctnntaaa nngnnnggat tgatccnctn agncnnnncc atggcncata      540
nnattancta naggtttaat nttaggtgan ttnaccgta tattgaaatg cncaantctt      600
aactgccagc cnttaaagaa ntcnatnga gatgtaatcc atatactnta gaaanntgtn      660
catanttcac catgcnttat ttgnagggtg accanttcan gggttattt                          709
```

<210> 2898  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

```

<400> 2898
ngttaagana cagctctgtt ctctgtcag gatccctcga ttccgaattc ggctgaggg      60
ctattaaaaa tgtaatcagt gtgaaaattc atgccatctg aatcgtaga gtatgtaagg      120
gatttgagtt ccttacagaa ttttctgtaa ttttagtactt caagtgactt ataaatgtat      180
atacttctct ctcacaaaag tgtaggaga aggaaaatct taaatactag cttgatttct      240
taatttaata acaaaaaaca attctcataa catgtatcac ctaacatgtc actttcactt      300
taaaagtcta aagagttgag gtttatttct tttcttttaa agttgatgtt tatgttggtg      360
atttcgaaaa gatcagatcc cccgttatga aggatcttaa ctttgtcttt tagatctcca      420
tgagaaatgc agtacatgta gcattagcca tatttctttt ttagaggcct atgtaggata      480
tttataacct gtaaaagttt gatgacttca tgctcaggag aaagcaagta attacctagc      540
caagccaggt ggggtgttcag gttagtggta aacagaaagg agatgttgaa agatttcata      600
tctaaagggg aaaaacacan gagaagtata tagagataaa catgtaaagt ataagactgg      660
tacatagtaa gctcctncga agtggcagcc attggtatta ttttctgg      709

```

<210> 2899

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

```

<400> 2899
tgtntatagc ggctctctnc tttttgcagg atccctcgat tcgaattcgg cagagctct      60
caaatagaaa tgggagataa gaantatata tgtgcaatat taaattgaaa aanggnaccc      120
ataaaaagtg tcaaaggcaa ataatttgct ctagatcaca aaactagtta gcacaaggct      180
aggattataa ccagggtcta ggaaaaaatc ctgaagggtga ttttaactgag tgtaggccc      240
tgtcaagcca cctgctaagg ctcatggtct ttcagactag cttcaacatt ccaaactcagg      300
caatagctac aacggaaaga taattggacg gggaatcctg agatcagagt cctagtttgg      360
ctttgtctct ttagcagga ttttttaaat caggggcagc tctcttntcc catcccagcc      420
atgaatcttt caaccttagt ggtcaccaac ttgactccat tcttatatac aagccttgtc      480
ctgtcaattc tcccttaaata gttaagttgc atccatttct aaatatatcc atggccatca      540
ccctagttaa aagactatta cctnacaccc cgcnccttga tcttcccccn ncttttaagt      600
gactcaattc cttatatnac tgccncaaga ttaacanccn tgtccatctt tcatttctct      660
gctgaaagat ntcanggggt cccctgantc caaatanngg ttcgatccct      710

```

<210> 2900

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

```

<400> 2900
gnttntcaag tgacangann agctctggtc cctcgattcg cagaaaacta gcaggttaca      60
ttttataggc tattgtagtt ttatttacca aatgatattc tctaaatcac ttcgaccaat      120
aaatgtattc tcctccttaa agcagagttg tatcaactct gtgggagcat ttatgagctg      180
tcagtcccca cacttctagc cagaatcaca ataaggctcg gctgggtgtg ggggtctgca      240
taggaaaggg tctctggaga agcaagaagg gcacaatcat ggcccactgc tcccctcttc      300
ttctcagtgc tctttgccct ctctgctgc gtgcttcttc ttcactccag tgctgatcct      360
cctgctctct ctggcagctt ccacctcacc cgccccctct ccacactata accagtatgg      420
ttgggtgctgg ggcattgact cagccccctt gctttctgca tttgtaatag atattaatat      480

```

gatttctctaa	aacagaagat	tttctgctt	tctttgaact	tgtattgaaa	acacagct	540
ctcactgttt	tgctttaatt	ccaccaca	ctataaatgg	aagaaaaaaa	tttagctt	600
ctgtttaatc	tgatgaatgt	ggcttttttt	cccttcactt	taatgttcaa	gaagttggng	660
gctatttcat	agattcttct	ggattaatct	gggggtccct	ggtatctg		708

<210> 2901  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 2901						
tttttacatc	agctcttggt	cttgcaggat	ccctcgatcc	gccgnattgg	gctatggaat	60
tggaaggcct	gttttgaggt	actctaaatt	aaaaaaaaag	tatatttgta	aaataaccac	120
cacaagattg	cctgattcac	agttcttctg	agtattggcg	taggtaatta	tttaagatgt	180
ttgataaatt	gtaaaatgct	ttttacattt	tttaaggaat	caattgaact	actggaaacc	240
agtatgtagt	attcttggca	ggtctaggtt	tcataatcct	aatttctttg	cagcccacta	300
ttcagaaatg	tagtgattaa	cagagtcaag	aatgtttcag	gatatttttg	gctacaagta	360
acaataccta	actaaaagt	acttaaataa	taagcagttt	gttatttcac	agaatgagaa	420
gctcagagcc	agagagttac	agggttgggt	cagcagttca	gtttcatcaa	gaacataaga	480
cttgcttact	ttaaagctcc	tctgcatgtc	agcagagggc	tgccccaatt	ttagatacca	540
acatctggcc	aaagaagagc	agggaatgct	tctttaagta	cttattaggg	agcaaaactt	600
ccttaaaagt	ctcataggag	gtttttcctt	aggtctcatt	ggatctcaat	ggctcttgca	660
tctagaaaaa	ggccacattc	cttactctgg	catttaagtt	tttataccg		709

<210> 2902  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2902						
ggctnnttnn	ccttgtnct	ttntgganct	nnctgatccc	tcgattcgaa	ttcggcacga	60
gaggagatng	ggacagagca	tcctaagatt	caggagnttt	tnctagtcac	agggagcngt	120
gctattcaga	ggccccaagg	tnnganggag	tttggnctgt	ccaaggaacg	caagaaggtc	180
antgcantg	angcanagta	agtctgaang	agagagggtc	gggctgagat	canggaggt	240
gtctgaggcc	cctctgaggg	ggacctgata	aangggtttg	aattcattnt	gaantgtaat	300
angtccatat	tagaagcana	aactataaaa	ggagttangc	tgataaacct	agggntcata	360
acagcacgaa	aaaggcaata	gataatanga	cacaagcaan	aaaaaattca	cgtgattaaa	420
ataatacact	tcagagactt	acaaagagaa	atgtnagtna	tccaggaaat	ctantngcat	480
ctaagncttc	attcatctta	ccagataaat	gaaatgctna	aatntnagtt	gcttgcatat	540
ntaacacaca	gatattcttt	tatatacaca	cattcatgtc	ataaancatg	tgangnttat	600
cnanaagaat	tnanaatnct	tgtgatgagc	tttacttacc	ataggtcata	ttataatgat	660
taatgagggc	atttgaaatg	tatttcacct	atcttgagat	ttgcaanatg	ngtatgaaac	720
atgtcatatc	atnactatgc	actntaaaag	ag			752

<210> 2903  
 <211> 757  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2903

gtcttcttca	agatgnancg	ctttcgncnn	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagaccatt	ttattttttg	ggccattacc	ctttaccctt	tattgctgcc	aaaaccacat	120
gggctggggg	ccagggtctg	atggacagac	acctccccct	acccatatac	ctcccgtgtg	180
tggttgga	acttttgttt	tttgggtttt	ttttttttct	gaataaaaaa	gattctacta	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaactc	gancctttaa	300
aactntagng	agtcgtatta	cgtaaatacca	gacntgataa	gatncattga	tgagtttgga	360
caaaccncaa	ctagaatgca	gngaaaaaaa	ngctttattt	gnnaaatttg	ggatgctatn	420
gcttnattng	tanccattnt	aagctgcant	aaacaagtta	ncancancan	tngcnttcat	480
ttnatgtttt	aggttcaggg	ggaggtgtgg	gaggtttttt	aattcncggc	cgcgnggcca	540
atgcattggg	cccgggtacc	annttttgtt	cccttnagtg	agggttaatt	gcnccttgg	600
cgtaatcatg	gcatagctgt	ttcctgngng	aaattgttat	ccgntcacia	ttccacacia	660
catacgaacc	cgggagcata	aagtgtaaaa	ccctgggggtg	cctaatagag	gagctaactc	720
acattaaatt	gnggttgngc	tnactggccg	ctttcaa			757

<210> 2904

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2904

cttanacaaa	ntcntgtgac	ttgctctttt	tgcaggatcc	catcgattcg	ctcagattaa	60
gggtttgaaa	aacaaaccga	aaaagatggg	cttnataaag	ccagacttga	ttgacgttga	120
cttaatcaga	gggtcaacat	ttgccaaagc	aaaacctgaa	attccatgga	catctctgac	180
tcggaagggg	cttggttcgag	ttgtattttt	tccattgttc	agcaattggg	ggattcaggt	240
tacctcttta	agaatctttg	tttggctggt	actactttat	ttcatgcaag	ttatagcaat	300
tgtcttatat	ttgatgatgc	ctattgtgaa	cataagtga	gtacttggac	ccttgtgcct	360
tatgtacttc	atgggaactg	tccactgtca	aattgtgtct	actcagataa	caagaccatc	420
aggaaacaat	ggaaatcgaa	gaagaagagt	ttcgctcttg	ttgcccaggc	tggagtgcaa	480
tggcgcaatc	tcggctcact	gcaaccgata	cctcctgagt	tcaagcgatt	ctcctgcctc	540
agcctctcaa	gtagctggga	ttacctgcgt	atgccaccac	accagctaa	tttttttttt	600
tgaatttagt	agagatggga	tttcaccatg	ttaatcangc	tgatctagaa	ctcctgacct	660
cangtgatcc	accgcctcgc	gtcttccaaa	aggactgggg	attacaggcg	tgagccactg	720
gacccagccg	ctaaactttt	aataaggatt				750

<210> 2905

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

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<400> 2905
cntnngnaga nccntnttga cncncttt ttgcaggatc ccatcgattc gtcgcccct 60
gctaaaatga tgcttagcct gaaaaatcgg attttnactt ctcaaattta tttttccaac 120
tcagtaatta aaaaaacatt tacttcctgc ctactgggtt gtggaatatt gtcaggatct 180
ctgggttcca ggtgagggat gcagaatgca gggaaagaca ggtcccctgc cctccagaag 240
tcggtggcgc cttttcagag taacacacac tggagcagac ccctggaaaa ggacagtcca 300
ctggtggacc atgaccttgg tcaaaagagg gaccaggctt ggcttgctca ctgttttgca 360
cccaagaagt atttgctcag ggaatgaggg ggtagattc ctccctcattc attaccattc 420
ttactaggca gaggcctcat tgggattaaa agacaggaat gtaactctct gccactgat 480
agggaatgtg tgtttgctct ttgtatccca ggggtgtgat acctctttcc tgtggctact 540
ctgcacttaa gatatttttg ggcttggcac ggtggctcac gctgtagtt ccaacacttt 600
gggacgccaa ngtgggcaga tcacgangtc aagagatcga gaccatnctg gncaacatgg 660
tgaaaccctg tctctactaa aaatccacag attanccagg cgtggtggca agtgccctgt 720
aatcccactt cttaggaaaa ctgaggcagg a 751

```

```

<210> 2906
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 2906
tttttaatcc ttgctcttgt tctttttgca ggatccctcg attcgagag tcaacatgga 60
gcatctcact gtgaaatgat ccatggattg aaggatatgg taaaatgttt atagtttact 120
ttgaaagtaa aatatactat gtcttggttt tgaggatatt ggatacaaaa ctctcttctt 180
ttagggctac tgagtcttga ttcttgatca tcagaaatct caccagaaac aacttgcttc 240
caatataccc aattctatat gaagaattca tggagagtgt actggcactg gaagagtcca 300
gtgtttcttg tatgcttgaa aataaagtat gtactgnttt gaatgtgaaa annnctatnt 360
aaananactc naggcctntag aactatagtg agtcgtatta cgtagatcca gacatgataa 420
gatncattga tgagtttggg caaaccacac tagaatgcag tgaaaaaaat gctgtatttg 480
cgaaatttgt gatgctatng ctttatttgt aaccattata agctgcaata aacaagttaa 540
caacaacaat tgcnttcatt ttatgttcan gttccaaggg gaggtgtggg aggttttcta 600
atnagctgtc nactatnccc nttgcnntnt tatnncaccn aatttttgnt tcntttnaan 660
anaccctatt tccnggcntn gccctanncn nggttnnaan tgcnttcccn tnaannnacc 720
ntncttgntt tggccttccn anaatgcngg gan 753

```

```

<210> 2907
<211> 781
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

```

```

<400> 2907
gcntnnaaga cccncttggg aattccccct ttgcaggatc ccatcgattc gaattcggca 60
cgagcagcgg cgaggtctgc gggaggcatg ntttttagct nnggacgagc gccggcgggg 120
ccccgcggca ggggagcagc tgcagcagca acacgtctct tgccaggctt tccccgagcg 180
tctggccagc ggggaatcccc agcaagggtt cttctccagc ttcttcacca gcaaccagaa 240
gtgccagctt aggctcctga agacgctgga gacaaatcca tatgtcaaac ttctgcttga 300
tgctatgaaa cactcagggt gtgctgttaa caaagataga cacttttctt gcgaagactg 360

```

taatggaaat	gtcagtggag	gtgatgc	ttcaacatct	cagatagntt	tgcagaa	420
taatatccat	aatcaggccc	atgaacag	agtggncaca	cacgagctta	ttgcatt	480
tgatcattgg	cgtgcccacg	ccgactggnt	accaacatca	gacatttggc	ccngctcaaa	540
ggttcngagc	tngctaaccn	tanngggaga	cngnnnaacn	tggncaaatg	anatantcaa	600
ngccacattt	acggnnncnan	aacaacacca	ccaaacttgg	ngngcgaana	nanannccct	660
ctttnnnatn	cnggnnnnnn	ngaacnnc	ancncaanna	anaagcctnn	anaangcnnc	720
nganccaan	nnnnnnnnaa	aannnnnnca	ancnnccenn	nnncctnnnn	nnaaggancc	780
c						781

<210> 2908  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(699)  
 <223> n = A,T,C or G

<400> 2908						
ngttaagacc	tgctcttggt	ctttntgcag	gatcccatcg	attcgaanaa	ttttatggac	60
ttctatggat	atttcttgat	gcttagagat	ttgttttttt	aattgcaa	gtgaattggn	120
tattttacnaa	tgctattaca	tatggagcgg	gcctgtgggtg	tatggcacta	ttccttggac	180
taatggtacc	caggttccat	tctctgctca	gctcgggtggc	tctagacaaa	gcccctaaaa	240
tgctgtctgc	ttcagtctcc	ttaatggtga	agtggaaatg	aatacctact	gtcacttaac	300
tcatggagat	gctggactga	taattagatc	atgtaatagc	actttgagct	gtattgaaaa	360
atatgttgtc	tcaaattaag	tagagtctat	ggttttgnaa	atataaatat	attgccagaa	420
aatacatcac	tgggggagca	aaacatgtag	accaaata	acagggatta	gnaacatcag	480
taaacatagt	tgggaaaaga	tggcactaaa	gaaagccaag	aagaaagtgt	tgctcttgtn	540
aaccaataa	aaaaaaaaaa	aactcgagcc	tntanaacta	tantgagtcg	attacgtaga	600
tncngacatg	atnagatcat	tgtgagtttg	gacaaccaca	ctagaatgca	gtgaaaaaaa	660
tgctttattg	tgaaattgtg	atctatgctt	tattgtacc			699

<210> 2909  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 2909						
ggatccnatn	gcnggatccc	atcgattcga	ancccgcneg	agtctaggcn	tganccattg	60
cncccanccc	aggtttttta	tnnaannnna	ancntgctga	gnntnnaang	ngaaaagagg	120
ccagntgtgg	tggtcncnct	ctgnggnccc	agctnctccg	gaggctggcg	catgaggatc	180
atttnngccc	aggctgcaat	gcaanggcac	nnatcacggc	tttctgcac	cttnacntgc	240
tgggcnggac	acggagaccc	tgtttatnaa	ngatgaantg	ctggagtacn	caatngnata	300
tgnnanataa	ntncaactnt	nntaaagnan	ctgtatatnn	aatgagtggg	agcanatntg	360
gcanactggt	aatngtacat	atattgaaac	tatagctttt	acacttcttt	gaccacaacg	420
ggtatatgta	ncacttgata	tgatgcacaa	tnngtgcacc	anntatatnt	ntgtcttntg	480
acntgggttt	tgacnnagnt	tcactntgcg	tncagncttg	angntgctac	tnactgaaga	540
tcggngnaaa	atnntcnnct	ncactgggnn	gattanaana	tatactggng	ttatcantgg	600
aagaaangtt	ntntacccaa	annnntngaa	ccctctttta	aaaggattgg	ntnnagtaaa	660
ttttaccgnt	nggttcccct	acnttntttt	caggnttccn	ttttggnnng	agttttngnn	720
ccaaacccc						729

<210> 2910  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

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<400> 2910
ganggctctt gttctttttt caggatccca tcgattcgta aatggtgaaa ttaactagac      60
aaagtagttg aagtcctgat gaaaagattg ttcagttctt cttctcctgt agctcagaac      120
ctgtttggat catacattta aatgtagaaa tataaagcgt ttagaagaaa acataggtga      180
aaacctacaa gacaaaactt ggtgaagagt ttctccatgt gatgcaaaaa catgatccat      240
agaagaaaga aatctgtaaa ttggacttta tcaaaattaa aaacatttgc tttgcaaaat      300
gccctgttaa gatgatgaaa aaacaaacta catactggga ggaaatactt gaaaactgct      360
tatctgacaa aggactctta tctaggatat ataaaaacta aaaactcaat agtaaaaagg      420
caaacagtcc aattagaaaa tgggcaaaag atattcattt cgccaaaaag gttatacgga      480
tgtcagctga acacatgaaa agatgttcag catcactagc ccgtcagagg aaattgaaaa      540
atgacatatt acccacacac ctattagaac agttggaact cttgcttgaa ccccangaag      600
tttaaagacc cggcctgnaa caaccaccan gccaaaggaa cttgtcttaa aaaaaaaatt      660
aaaaatttaa aaaaatttagc ggacccaatt ttggaaattg gcntgggcaa aaggaatttt      720
tgaaagaaaa atcangaact tcttnantna c                                     751
```

<210> 2911  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(720)  
 <223> n = A,T,C or G

```
<400> 2911
tggnnnnnnn ttntnnnnnt acangctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg agaagatggt tgattcttca gataactttt gaaatgtgct ataaagggcc      120
tagtttaaaa ggaacttctt ttgaaaagca attaacagtt gataaagggg taaataaaaa      180
ttatctagta aggaatttct tattggaatg taaacgtggt tctaatttta aatagacagt      240
gatataaaga ataaaaagta aacagtgaaa ttgagttctc cagggaaaag gcagacctgt      300
ttagtaaaaa aaggatgctt ttttcagtga tgtctttttt tgagtgcata tgtgtgtgac      360
tcttgaagaa atccatgttc agatttatca gatgattgaa gtgggtgttc tgaataaaga      420
aagctgtgag gcctgaggca gtgacgtatc aggaacata ttttattgga gatttggaag      480
ctatagtaaa acataatggc aataagccaa cttcccagtg gtaaaccac agtggtggtt      540
tagttactaa cctcttgatg accgaggagg ttaataattg gatattgcag agcagcaata      600
tgtaacctgt gtgtaatctc anggccctca ggttaacagt ttcagtnaga agctaagaga      660
acactgacaa aatttagctt accatgacta gctgccagtt ttatgtgggc ctgtgttccc      720
```

<210> 2912  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)

<223> n = A,T,C or G

<400> 2912

gnnnntnnntt	ttnnatnnac	aggctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatgtt	cttaatttag	120
agacagatga	aggctcagga	ctttcctagg	cagataaaaag	aagaaagaag	ctgctttttg	180
aaaagaggga	tcaagattag	gacaaaaagg	gagattcagc	catcagcaga	acccaaatga	240
gagcctacaa	agagacactg	tctactcaga	gtacatcttc	agacatccag	ggtcccaagc	300
tactgtgttt	actgttagcc	cttagccatt	gttaagtctt	actgctttat	aactcttctt	360
taagaatata	ttaatagtaa	aattacttac	tcctatatat	acaacgaatc	cttaattatc	420
aaaaacattt	atagtcatca	cctcatgatt	cagtttgccc	ttctctagtc	caaatagaatt	480
gaagtaggaa	ttcataggac	cgttcctagt	gaagaaagat	tttagtgcta	tttaaagaaa	540
gtaaaaagta	tattctcctc	tgatagaaat	tttcattctg	ataatatttt	atttgnatct	600
ttttttaatg	tcattggcaag	aaatgcaagt	tgatgggcaa	gggacaatgg	ctnacacctg	660
taatcccaca	ctttggggang	ccnanatggg	ctgatcacct	gaggcaggag	ttccn	715

<210> 2913

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2913

gttnnnnnnt	tntnnntana	caggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggcatctgg	actaatagt	aaagagtggg	atagtgtgaa	actgcatgct	120
acagttatga	atacactatt	caggaaagac	cccaatgttg	tttgagaact	tctactttgg	180
ctccctaaag	ctgaattcaa	ttcacatctc	tcagagggtt	accgtagaca	gctttggaaa	240
ctacgcttcc	tgtggacaaa	ttgacttctc	ctgaggtgga	tcttggaag	cactagaaac	300
taaacatctt	caccaggtgc	tgaagaaaag	tgtcttcgtt	ttaattgcca	agcanggatg	360
tggacatttg	gatggtgact	tcctgggtg	gntcccata	gattcaccat	tgcttcta	420
ggtgtctaca	cccgtcatac	taccagctga	gatggtggtg	ggcataagga	gaatttgtgc	480
ctataccctt	agtgggtctg	gttttttctt	ttaattntta	aattgtcnta	aaatctcata	540
aaacatactg	ncttcaccat	ttttaaagt	cacagtttan	taaccgttac	tggtaatcct	600
tcataatgct	gtgtggcccg	nnancgccgn	catnttcata	ggcttctcac	ttggnaaaat	660
gggaactggc	ccattaacaa	gaattccact	cctccaaaaa	aaaaa		705

<210> 2914

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 2914

gttnnnnnnt	cnatatngac	aggctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	aatatatcac	atcatgtaat	aagcctctca	gagatgtagc	attgagcaga	120
ttaaggcctc	atztatagaa	gaattccacc	ctggccatgt	gggcctgaaa	ctctggaggg	180
ctttaacaat	gtcttgaggt	cattgtcatt	ttaagagatg	actcantggt	tttatttagt	240
agaaataaat	actaaataaa	taatctccac	agattatcca	gaggggtaag	ttgaaggatg	300
ttgacagata	actcagttaa	ttgcgtctca	aatattaata	agtttattct	atgccagcac	360

caaaaatatt	tcagagatgc	ttggctt	ctctcaagta	tgctcggaac	agaggat	420
tatagaaata	tttatagtag	gcgaactt	gcacaaaagc	tcaaagtacc	ttgcaagc	480
ttgttgcaat	tattcttttg	gagaactgga	ttaagtaatt	atttcttggt	gcctctgact	540
atttaacctc	ctactaaact	gcccattgnt	taaatgtctc	ttatttagct	ctgnttttat	600
cactccttaa	atttaatat	ctcaaggcca	aaattatagc	antgatggtc	angacatctt	660
tgaagacaat	tanattctga	gaggataatt	tatatgtana	attaggaata	ttcn	714

<210> 2915  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2915						
tgtntatagc	ggctctctnc	tttttgcagg	atccctcgat	tccaattcgg	cacgagctct	60
caaatagaaa	tgggagataa	gaantatata	tgtgcaatat	taaattgaaa	aanggnaccc	120
ataaaaagtg	tcaaaggcaa	ataatttgct	ctagatcaca	aaactagtta	gcacaaggct	180
aggattataa	ccagggtcta	ggaaaaaatc	ctgaagggtga	tttaactgag	tgtaggccc	240
tgtcaagcca	cctgctaagg	ctcatggtct	ttcagactag	cttcaacatt	ccaaatcagg	300
caatagctac	aacggaaaga	taattggacg	gggaatcctg	agatcagagt	cctagtgttg	360
ctttgtctct	tgtagcagga	ttttttaaat	caggggcagc	tctcttntcc	catcccagcc	420
atgaatcttt	caaccttagt	ggtcaccaac	ttgactccat	tccttatata	aagccttgtc	480
ctgtcaattc	tcctttaaat	gttaagtgtc	atccatttct	aaatatatac	atggccatca	540
ccctagtga	aagactatta	cctnacaccc	cgcnccttga	tcttcccccn	ncttttaagt	600
gactcaattc	cttatatnac	tgccncaaga	ttaacanccn	tgtccatctt	tcatttctct	660
gctgaaagat	ntcanggggt	cccctganc	caaatanng	ttcgatccct		710

<210> 2916  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2916						
gnggcnttnt	gtanangnta	cagctacttg	ttctttttgc	aggatccctc	gattngcagt	60
cctctgcata	aagctgagag	atgcctacag	ctgagagtga	agcaaaaagta	aaaaccaaag	120
ttcgctggga	agaattgctt	aagaccaca	gtgatcta	gcgtgaaaag	aaaaaactga	180
agaaaaaact	tgtaggtct	gaagaaaaca	tctcacctga	cactattaga	agcaatcttc	240
actatatgaa	agaaactaca	agtgatgatc	ccgacactat	tagaagcaat	cttccccata	300
ttaaagaaac	tacaagtgat	gatgtaagt	ctgctaacac	taacaacctg	aagaagagca	360
cgagagtcac	taaaaaacaa	ttgaggaaca	cacagttagc	aactgaaaat	cctaattggtg	420
atgctagtgt	agaggaagac	anacaaggaa	agccaaataa	aaaggtgata	aagacggngc	480
cccagttgac	tacacaagac	ctgaaaccgg	aaactcctga	gaataagggt	gattctcaca	540
ccagaaaaca	catncaaagc	ccagccaggc	gttgatcatc	anaaaagtga	gaaggcaant	600
ganggaagag	angagactgt	tttanaagaa	gattgaanaa	ttgntgcagc	cttttcantg	660
ncatgtnact	ngaagnaatg	ggcaaaggag	atttanaggg	gaattnnnaa	anancnc	717

<210> 2917  
 <211> 740

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(740)  
<223> n = A,T,C or G

<400> 2917  
attttatgct tgctctgttc tttntgcagg atccctcgat tcggctgggc tagcagaaaa 60  
acctcaggca tctgtgagga catgagttaa cacacgctga gactcacaga tncaaaaatg 120  
caacccaatt ccacccctga attgagggga gtgcatagaa gtgaatgtcc cgtctttctg 180  
aggctctgtg attttgtaat tagtaaacga aggggtgcatt tctgattttt ttttcttgtg 240  
tgctagaatt cattgctagt aaaactcaag ataatagcga tgagtaggag gtatcaaaga 300  
tgaactgtag agggacagtt taagttactt aagaatcgtc agcaagatga aatctacttt 360  
tagcagaaat tgggtttttt tgtgtttttt tgttttgttt tatttttctaa aagtaaagtc 420  
tgcacctgtg tcagcctgtt agtggaggtc tgagcaagta aaagatgggt tggattataa 480  
acttacaaac acaggatgtt ctgtttctca aacgggagaa attaagaaga gatgcttgta 540  
ttcaggagac ggcatagcta ctcaaaatcc ttgatattct gctatgggta gtcttgcca 600  
actgtgctat gtgacctact atggctttat gangtaaat tagtatatgt gtcactattt 660  
gaaaatttac atatatgtat acataatgna ttttaagnnc nanngnacng aancctnggn 720  
gnnaanattn gnnccntnnn 740

<210> 2918  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

<400> 2918  
cttnnaatnn cagctntggc tacttgttct ttntgcagga tcccatcgat tcggtcagat 60  
ggtagaaaat gaaatantta aatagatacc atntgagttc tgggagccag gtgaagaagt 120  
gtttgtttgt ttttgagacg gagtctcact ctgttaccca gggtggagtg cagtggcctg 180  
atcttggcgc actgcaacct ccgccttctg ggctcaagtg attctcctgc tccagcctcc 240  
tgagtagctg gggctacaga cgtgtaccac cacacctggc tactttttgt atttttagca 300  
gagaggggat ttcgccatgt tggtcaggct ggttttgaac tcctgacctc aggtgatctg 360  
cccaccttg cctctcaaag tgctgggatt acaagcgtga gccactgtgc ccggccanaa 420  
ggagtgtttt gagaatggct aanagaagat aggttgaata gctatgccta catgtcacta 480  
attaacatct cagagatctc tgctacaggt tgnccgacctc atttagtcta atatttttcc 540  
aatggcatga gtataggaag ataaacgggg aatgttttga agtaataaaa aaattccatc 600  
cataaagaag aacaacatgt attagctttt gtgcacccaa caacacaaca ggaagacaca 660  
taaggcagaa cctttttanaa aaaaaannng gnnnnccaaa nagcaggtnt 710

<210> 2919  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

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<400> 2919
cttnnaatnn cagctntggc ta gttct ttntgcagga tcccatcgat tggccagat 60
ggtagaaaat gaaatantta aatagatacc atntgagttc tgggagccag gtgaagaagt 120
gtttgtttgt ttttgagacg gagtctcact ctgttaccga ggttgagtg cagtggcctg 180
atcttggcgc actgcaacct ccgccttctg ggctcaagtg attctcctgc tccagcctcc 240
tgagttagctg gggctacaga cgtgtaccac cacacctggc tactttttgt atttttagca 300
gagaggggat ttcgccatgt tggtcaggct ggttttgaac tcttgacctc aggtgatctg 360
cccaccttgg cctctcaaag tgctgggatt acaagcgtga gccactgtgc ccggccanaa 420
ggagtgtttt gagaatggct aanagaagat aggttgaata gctatgccta catgtcacta 480
attaacatct cagagatctc tgctacaggt tgnccacctc atttagtcta atatttttcc 540
aatggcatga gtataggaag ataaacgggg aatgttttga agtaataaaa aaattccatc 600
cataaagaag aacaacatgt attaagcttt gtgcaccaa caacacaaca ggaagacaca 660
taaggcagaa ctttttanaa aaaaaannng gnnnnccaaa nagcaggtnt 710

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<210> 2920

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(713)

<223> n = A,T,C or G

<400> 2920

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gttnntngat cagctcttgt tctttttgca ggatcccatc gattngaatt cggcacgagg 60
taccacatct agatacgagg tcagagttca gatgcctaaa tattgtagct tgtgtttngt 120
ccactgttgg ggggaagagt aagagatttg acataccata atgttgatta gcttgtgatg 180
gtttggcggc agcttagggc agagcataaa gtaaaaagga aaagtgttca cagacaatga 240
aaactgggac caagtgggtga atactcaagg cacacagacc angcaaggat ccagtgggc 300
gtggatgagt cttaggctgg ctctgggcca ntggaacaca cctcagtgtg ggtgaaggcc 360
tagccagggt agcanagggc agggctacag aacagcagcc cangtggctg tggccgacct 420
gacattctcc tgtgaaaatc angtgcccaa ccagcactaa cctagataga tggcancatt 480
ttntttcttt aangacagga tcttgctatg ttgctcaggc tgactttgaa ctctgncct 540
taaaggatcc tccctcttca gcttnccaaa nactgggggt tacagatgtg agcccttcaa 600
cgtnagtgcc atngggctan aancctaacc ccncattgct tgntgatcgt nacgctcgna 660
atcnntttna taaacggntn tncaancctt gagcttttcc gggttaagna ann 713

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<210> 2921

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2921

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gttactcctc tnanatcagc tacttganga tccctcgatt ngaattcngc acgaggcgat 60
ttattnnaca gagttaaggg gccagtacac ttnatggtat aaaattatct ttntcagggg 120
atgaaggcac aaggagaaaa ttacttgaag cttggagatc ttctctggca agcaatttac 180
aaattctggt gttcttngat ctggctcccn gccagacaa ccanggagtt ntnatgttc 240
tactctcatg tgnnannact atacgcaata attngnctn ngccatanag gagggatccg 300
atanntgaca tngctntccn ncanatatac tncnctgna atgnnctna taatgcatnn 360
nntnnattcc tntctaggnt acncnnantt atatntntn ggnaactcat ttaacancaa 420
nttcacngca ttcccntggg gttacatata cncnaagac tatgctgana ctgtgcacca 480

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tgactacatn ngggaattgg atgtgtgt tncggactn ccttgnatgc aaatttac	540
cagacgtttc canccaanct gatgtgntg naatgcatta cncacntggt gnttaantt	600
tactacacct cganaggacc gtccacnngn atttaacctn tcaaanatng ttcnnanggt	660
tacaagggtcc ccaattgttn ganccttggg gctttgncaa cn	702

<210> 2922  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2922	
anaccnttta nncntngttct ttttgcagga tcccatcgat tcgaattcgg cacgaggtat	60
actttgacac tgagaacaaa gagacagtta tatctggaat gggagaatta cacctggaaa	120
tctatgctca gaggtctgga agagagtatg gctgtccttg tatcacagga aagccaaaag	180
ttgcctttcg agagaccatt actgcccctg tcccgtttga ctttacacat aaaaaacaat	240
caggtggtgc aggccagtat ggaaaagtaa taggtgtcct ggagcctctg gacccagagg	300
actacactaa attggaattt tcagatgaaa cattcggatc aaatattcca aagcagtttg	360
tgctctgtgt agaaaagggg tttttagatg cctgcgagaa gggccctctt tctggtcaca	420
agctctctgg gctccggttt gtccgtcaag atggagcaca ccacatggtt gattctaattg	480
aaatctcttt catccgagca ggagaagggtg ctcttaaaca agccttgga aatgcaacat	540
tatgtattct tgaacctatt atggctgtgg aagttgtagc tccaaatgaa tttcagggac	600
aagtaattgc aggaattaac cgacgccatg gggtaatcac tgggcaagat ggagttgagg	660
actattttac actgtatgca gatgtccctc taaatgatat gttgggnt	708

<210> 2923  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 2923	
gnnnnnttct aatgcnnngc tnttntgcag gatcccatcg attcgctccc attcccggaa	60
ggaggagaca gttactgtct atcccgcaga cgtggtgctc tttgaagga tcctggggca	120
gaatgaggtg gactatcgcc agaagcaggt ggtcatcctg agccaggata gcttctaccg	180
tgtccttacc tcggagcaga aggccaaagc cctgaagggc cagttcaact ttgaccaccc	240
ggatgccttt gacaatgaac tcattctcaa aacactcaaa gaaatcactg aagggaaaac	300
agtccagatc cccgtgtatg actttgtctc ccattcccag gaggtacgag acctgttcca	360
gatgaagctt tttgtggata cagatgcgga caccggctc tcacgcagag tattaaggga	420
catcagcgag agaggcaggg atcttgagca gattttatct cagtacatta cgttcgtcaa	480
gcctgccttt gaggaattct gcttgccaac aaagaagtat gctgatgtga tcatccctag	540
aggtgcagat aatctggtgg ccatcaacct catcgtgcag cacatccagg acatccctgaa	600
tggagggccc ttcaaacggc agaccaatgg ctgtctcaac ggctacaccc cttcacgcaa	660
gangcangca tcggagtnca gcagcaggcc gcattgaccc gtcttcatcg gaccc	715

<210> 2924  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 2924  
 gggncctttan atctataggn tacaggctac ttgttctttt tgcaggatcc catccgatgc 60  
 gcaagtaaga aaacatggcg gctatccttc tctcacatcg aaaaggaaat tttgaacaat 120  
 catggaaaat ctnggncgtg ctnggaaaac anagaagaga aatgttgcag gaaagattgt 180  
 ttaanactaa tgaaatacct tttagaacag ctganagaaa ggtttaacng acaaaaanca 240  
 tctggataaa tnnctcttctt atcatgtgaa aactgccttc tttnacntat gtncccagna 300  
 ccctcaanac agtcagtng accanacnga nctggncctn tgctttgana actggatgac 360  
 attcttgntn nattgcctna ggtcagatnn acttgagaat tagttcatcc nnncttcaat 420  
 ctatcctctt gcagaattnt ttgacatnta cntcagcaat ntttgctnta ncanagnccn 480  
 atgtaggata tctatgacct nncanngttt gatgantncn tgcnnctgna tnnnncgaga 540  
 gatntcctaa cnatnnann nnntaanttc tgggtantgct caacagattg gaaaaagggg 600  
 ccaganctgt gncntnaangg ttaaaaancnc agganagta ttttncgtaa acatgnaaan 660  
 gnttangact gttcatnnnt tgntcctccg aaantgggca cccnttntta ttnattccnc 720  
 tgcg 724

<210> 2925  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens:

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 2925  
 ggtttanttt aaatccntnc ncagctactt gttctttttg caggatccca tgcattcgaa 60  
 ttccggcagca gcggaacctat cggagcgtaa cctggatctc cgcaggcctg gcggaaggccg 120  
 gccacctgga ggggcattgc ttgggttcgag tgggtancaga ggagcttgag aatgttcgca 180  
 tcttaccaca tacagttctt tacatggctg attcagaaac tttcattagt ctggaagagt 240  
 gtcgtggcca taagagagca aggaaaagaa ctagtatgga aacagcactt gcccttgaga 300  
 agctattccc caaacaatgc caagtccttg ggattgtgac cccaggaatt gtagtgactc 360  
 caatgggatc angtagcaat cgacctcagg aaatagaaat tggagaatct ggttttgctt 420  
 tattattccc ttcaaattga aggaataaaa atncaacctt ttcattttat taaggatcca 480  
 aagaatttaa cattagaaag acatnaactt actgaagtag gtctttttaga taccctgaac 540  
 ttctgtgtgt cttgnccttg gttataattg ctgtaagggtg ggagccagta attatctgca 600  
 gcaagtagtc acncttttca gtgatatgaa tatcatcttt ggcttggang ccantngaca 660  
 acctgncatt actgactttt tgaaaanaac cctctggata ttgatgcctc ggggtgtggtt 720  
 ggactgncat ttagtggacc ccgaatcc 748

<210> 2926  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(815)  
 <223> n = A,T,C or G

<400> 2926  
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cctgtgcagg	gtgctttggt	atcaga	gaggaaccaa	gggcaacatc	cttccc	120
aggcggttctt	ctctgggtgc	tattctct	tctttttctt	tatttcgccc	cccccat	180
cccctgcctt	tntttttttt	ttttgtatag	aaacagatcc	atttcttggt	aatcaaagca	240
catttgtttg	gtcttcctcc	aaccctttgc	atttgatttc	taaacattcc	ttcatatgcc	300
tttaatgaaa	gccagcantt	atcccatggg	ccctacttga	atttatctga	ggcagctaca	360
gattgccctg	caagatgagt	ttttggagat	aaatgaaata	actggacaca	cactcacaca	420
agtaacacca	cagcagacct	cggagtactg	ctaagtgtac	ctgtgtcaaa	tccgcacang	480
actcaatata	gcaattnatt	cttgatgtat	gcaatngccc	attggaaatt	atttttaaca	540
gagcnccact	taattaattt	ggaataggat	tatataatat	tagaatcttt	ggggtatggg	600
ncttttaacc	cttcttncca	tgggggaaac	ttnttttccc	ttncctgaa	tggtgngaaa	660
ttgggaccat	ttttaaaaag	cctttggtcc	cggtgnaacc	ttttggcatt	acccatttna	720
aaccgnangc	cncaggntt	tanagaaacc	ntgaaatttg	aagaaaaaaa	gggccccaat	780
nggncnttga	aattttttta	cccnatgggt	ggccc			815

<210> 2927

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 2927

tggnagtgnn	nnnnnnntttt	ataaagacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagcc	aggcttgaag	ttatctctaa	tttagagggt	agggacagtg	120
acacaggaaa	gaggctctgt	gctttatata	tggagatgtg	ggatcataaa	aacgtctttt	180
taatctgatg	atcattaaaa	caccoggtga	tgtggcacag	ctgctaatac	gaatacattt	240
ccatttctgc	ggggattgag	catgtcttcg	gaaccctctg	caatagcttt	agaaacaaac	300
gttcctttta	tcaggtgaga	aaactaccct	atggcatgcc	tccggatatg	tagttcttcc	360
tangctacaa	aatatcagag	gttaacttca	ggcaaaatga	tnaaactagc	agtagtattt	420
cctattacta	tctgcagntt	gcttcaaaat	ttcaaaaagg	tttcngaaaa	atcactaaat	480
acgaagggca	cacttcattc	atttattcca	aggaatctat	ttggtgccag	acattgcatg	540
gaattgtatg	gattttttaa	atgaaatggg	ggctctctct	taagcagacc	atggcaagga	600
aacttgaaaa	ctccgacgca	tccangggac	gaagactnac	atttacatng	agatactact	660
cgggattcac	aanacacgac	gtntccatga	cgctcgggtc	acacttgcat	ttttacctca	720
tgggattcng	gtcctctttc	atttaaaaagg	cgnggc			756

<210> 2928

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2928

gnnggnnnnn	nnntttttana	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	60
cggcacgaga	ttgaactctg	aactttggaa	acctgaatcc	ttcaggaaag	agttttggtga	120
gcaggaagta	gacctagtta	attgtaggac	caatgaaatc	atcacaggag	ccacagtagg	180
agacttctgg	gatggatttg	aagatgttcc	aaatcgtttg	aaaaatgaaa	aagaaccaat	240
ggtgttgaaa	cttaaggact	ggccaccagg	agaagatttt	agagatatga	tgccttccag	300
gtttgatgat	ctgatggcca	acattccact	gcccaggtac	acaaggcgag	atggcaaact	360
gaatttggcc	tctaggctgc	caaactactt	tgttcggcca	gatctgggcc	ccaagatgta	420

taatgcttat	ggattaatca	ctgaaga	tcggaaatat	ggaacaacaa	tcactt	480
agatgtatct	gatgcancta	atcatggt	ctatgtggga	attnccaaag	gantgtga	540
gcaagaagaa	gaaagtcctt	aagaccattc	aagatggaga	ttctgacgaa	ctcacataaa	600
gcgattattg	aaggaaagag	aacccnagcc	tgggcacata	tttctgcaag	gcacgagaaa	660
tagggatttt	taaaagnnta	gaaacagnca	aaaaccacna	ccatctatnt	ga	712

<210> 2929  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2929						
ngnanaacag	nnttttnagat	acagctcttg	ttcttttttg	aggatccctc	gattcgaatt	60
cggcacgagg	ccaattccag	gccctcctcc	acgcagtgtg	ccaccaacag	acttctctca	120
actgattgat	tgtccagagt	ttgtaccagg	ccaagccttt	tgctcacata	cagagtctgc	180
cccaaattct	ccaagaattg	gaagcccatt	gagcccaaag	aaaaacagtg	aaacaagtat	240
tcttcaagca	atgtctagag	gtttgtctac	cagtttgctt	gacttggact	cagaaccttg	300
gatagaagtt	aaaaaaagac	atcagccagc	cccagtgaag	ttgagggaat	cagtgtctgt	360
ccctgaaggg	tcattaaatc	agctatgttc	ttcagaagaa	ccagaacaag	aagaacttga	420
ttttttgttt	gatgaagaga	ttgaacaaat	aggacgaaaa	aacacattta	ctgattggtc	480
tgataatgat	tcagattatg	aaattgatga	ccaagactta	aacaagattt	tgattgtaac	540
tcagacacca	ccttatgtga	aaaaacatcg	tggaggagat	cgaacaggca	cccacatgtc	600
tcggggcaaaa	atcacatctt	gaacttgcta	aagttatcaa	tgatggctta	tattattatg	660
aacaggatct	atgggtngga	agaagattga	aaccaaacc	acnngccnta	aaaggggcaa	720
ttncttgnga	aacgcccttt	ctcgntatga	aa			752

<210> 2930  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 2930						
gagngnnntn	nnttcnaatn	acagctactt	gttctttttg	caggatccca	tcgattcggt	60
atagctgtgt	cggcttagca	ttttctttga	agcatatgga	acatgttctg	ctactcgaga	120
taatgaacat	ttccttctgc	ctcaaggtag	aatcagttta	tgatcctggg	agagcaagaa	180
gcaaggagcc	agcaagtctg	gacacattcc	anaggccacg	aggggtttta	tgtcctgagt	240
cctggattcc	atccaagcca	tgagggggtt	tatgccctag	gcttaggttg	tagtgcgggc	300
gggcagcctt	ccacccttaa	gcacagaacc	tggtgttcca	taggccacaa	gaagttttaa	360
actctggacc	caggacatgt	tccaaggctc	ttttcatatt	atgtcagact	agcaagtctt	420
gcctcagctt	tnctcccaac	aattggactg	atgggttgct	ccactgggca	caagcatcat	480
gggttcttaa	aacaaggccc	tgaacaagca	ccaaatatgt	tcctgtcacc	acactncact	540
agcccttcaa	ctataaacat	gcataggagt	cacctggggg	ccttgctaaa	taaaatgcaa	600
cttctgattc	aataagtctt	aaacaggacc	agaagattct	gcgtctcttg	gtgagttccc	660
nagtgangca	gacaatgccc	agttcacaaa	ctcacatttt	gagatacagn	acctgggcca	720
tttnggttcc	caatgtgctt	gataaccctg	g			751

<210> 2931

<211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 2931

agntgattcc	nantgaaagc	ccttgtcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagatggaa	tgtgcgttcc	acccctgtt	cagtctcacc	agtggggcct	gccggctgga	120
ttaccgcaga	cccagagaaca	ggagcttcta	cctggccctc	tacaagcaga	tgagcttcct	180
ggagaagcga	ggctgcccgc	gcacggcgct	ggagtactgc	aagctcatcc	tgagtctcga	240
gccggatgag	gacccctct	gcatgctgct	gctcatcgac	cacctggcct	tgcgggccccg	300
gaactacgag	tacctgatcc	gcctcttcca	ggagtgggag	gctcatcgga	acctgtccca	360
gctccctaata	tttgcccttct	ctgttccact	ggcgattttc	ctgctgagcc	agcagacaga	420
cctccctgag	tgtgagcaga	gctctgccag	gcagaaggcc	tctctcctga	tacagcaggc	480
gctcaccatg	ttccctggag	tcctcctgcc	cctgctcgag	tcttgcaagt	tgcgggccga	540
cgccagcggt	tccagtcacc	gcttcttttg	acccaatgct	gaaataagcc	agccccctgc	600
cctgagccag	ctgggtgaacc	tgtaccttgg	gangtcacac	tttctctggn	aagaaccggn	660
caccatgaac	tggctggang	agaacgtnc	cganggtctg	caagcantgg	gatccccgga	720
cccagccgtg	ggaacctgtg	aagaaccggc	ggaag			755

<210> 2932  
 <211> 849  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(849)  
 <223> n = A,T,C or G

<400> 2932

ananatcagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagatgac	60
tgagtgtata	ccctagttaa	aatgatcagg	ggagacttaa	ctgaaagggg	taattgagct	120
agatttgaag	gatgaggagt	agcagactag	tcaaagaaag	ggagagaaga	acatacctaa	180
acatctgatc	accagtgact	gagaaagtta	tcaggatcaa	gtggaaagag	aaaggactag	240
cagagttaca	ggttagagaa	acaggtaaa	gctactatgg	acggcataat	agttgcatcc	300
catgttttgt	ctcttaagaa	cagttgcaaa	ctattgaagg	ttttaagct	gtgtgttggg	360
ccgggtgtgg	tggcttgtgc	ctgtaatccc	agcacttttg	gaggccgagg	cgggtggatc	420
acgangtcag	gagtttgaga	ccagcctggc	caatatgggtg	aaatnccgtc	tctattaaaa	480
aattaaaaag	tagcccaggc	cgttgtggca	tgccccctgt	aagtcttcaa	ctatttttga	540
aaangcttga	ggcnagaaag	aaattcgctt	tgggaacccc	ggggaaagtg	gaaaggggtg	600
ccaantggaa	gcccnaaaaa	atcgngncc	acnttgcaat	ttcccaaacc	cttggggccg	660
aaccnnaanc	cnaggaaact	ttnggtnttt	aaccaaaaaa	nnaaaaaaaa	aaaggccctt	720
tttttngaaa	acttttttan	tnggaaggtg	cnntanttta	nccgttagna	ttccccgga	780
ccattggatt	tanggnattc	ccantttgga	ttgaaaattt	ttngggaacc	caaaancccc	840
cccaaact						849

<210> 2933  
 <211> 855  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(855)  
 <223> n = A,T,C or G

<400> 2933  
 nngngtganc nnnntttttat ncanacaggc tacttggttct ttttgcagga tcccatcgat 60  
 tcgctcaagt aggtttttat ttatttatta ctttatttta ttttatttta ttattatttt 120  
 tttttgagac agagtctcac tctgtcaccc aggtctggagt gcagtggccg gatctcggct 180  
 cactacaagc tctgcctcct gggttcacgc cattctcctg cctcaacctc ccgagtagct 240  
 gggactacag ggcgcctgcc ctgtgcccg ctaatttttt gtatttttag tagagacagg 300  
 gtttcacat attagccagg atggtctcga tctcctgacc ttgttatctg cccgcctcga 360  
 cctcccaaag tgctgggatt acaggcgtga gtcaccatgc ccagcctcaa gtaggttttt 420  
 aatgaatttc ttatactttt aaaataacaac attatggcan taaaagacta ttccactnct 480  
 tttctaactc ggagattgna ttgatttttc tagtggtaat tttctggctc atacctnag 540  
 taccaatggg tgaaataggt gggtttaaag taggaaaatt cttegtncng gttttccaaa 600  
 actttgcagg aatnaaaggc cccctangt ccatttttnc cccatttaaa ggcnnntant 660  
 aagccttttt nngggnggtn ggnaagtttt ttccaattc tttgggcntt caacttgggn 720  
 aanncccttn aaacccttct tttaaaagcc ttcnaaagtg ggaatccctt ncccaancct 780  
 tttaaactgg gccctggaaa atnaantttt gggggaacaa attaagggcc attggccacc 840  
 caaacccatg gcccc 855

<210> 2934  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 2934  
 nagttangnn gntttntann tctgggttctt tntgcangat ccctcgattc gaattcggca 60  
 cgagancgat taacactnct aaagngtcaa gngctngggg ntttnggctt agntgtgctg 120  
 ccntcgngga annctntnt ggggnaatgg tgnatacac ctcnattana aatnagcaca 180  
 tgatggntgg ncaccgtggc tcacgcctgt aatcccngca ctttgggang ctnaggngnn 240  
 nggatcacct gangtcnga ntttganacc agcctgncca acatgnngan acctcatccc 300  
 ttctnnanat atanagaant agctngncat ggtggcgcac gcctgncntt nnagctactn 360  
 aagacgctgn ngcaggagaa nctnttgaac ccagtaggtg aaggttgcan tgagctnnca 420  
 tcncaccatt gcactccagc ctgngccnnc agancgaanc tctgtcttat acatgcaaaa 480  
 annaggaggt tggattactt gaggtcatgg atnnanatca ntctgaccan catngtgaaa 540  
 cnctatcnct ncttaaaatn ttaaattagc cnttcatggt gacctcacgc ntgnantccc 600  
 atcttctggg gaggtctgang caggagaatt tctagacctg ggangnngag ttcagcngca 660  
 nnacggccct ggatccacct gggcacaaaa cgaactntnc tcaaaaagaa attnaccctt 720  
 aaacttn 727

<210> 2935  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 2935

ngnngganc	tnttttcagc	tgttctt	tntgcaggat	cccatcgatt	gtggac	60
caataatgtt	ttaaaaatat	atttga	gattcagaaa	acttgcacat	gtgtac	120
tcctatcatc	ttaacagtga	agaaaactga	ggcctagaga	cattaagggg	gttgcaggtc	180
cagagacatg	tctcaagaaa	gcattgctgt	taaaatgtgc	agttcgtggg	ttttcagtcc	240
atctcttaag	aaaccaagtc	aatcttcccc	tcaggaaaaa	gaaaagaagt	agcaataagc	300
aatttggttaa	tatcactact	tcttatcaag	gtaaaaaatg	cctcataatc	aggcataccc	360
atgggccttg	tttcacaaaag	gcactaagat	gaggcaatgt	aggtcccaaa	aaacaaaaag	420
acagtttttt	ggagttgctg	aggttgacaa	ccctagtttt	atacttttgt	aataccagtg	480
accttggaat	tacaagcttg	gggttaagaa	ctcaaggggt	cattaagact	ccctggaaca	540
ttctggaaaa	ccagcttttag	agtcttcatt	gaactcaaat	ctcagcacca	cagttaaatg	600
agtgagtcaa	aaagaacata	agtttaaaga	aatttaacca	nggaaccaga	tgtttctctt	660
cacaccacac	tgntttaaca	tccagtattc	gtngaccttt	ttctttcccc	caccatcctn	720
tggatttacc	ttaggctttc	caaaggcntt	aatgaaant			759

<210> 2936

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2936

tgnnnnaatc	nctaatagcna	ggctacttgt	tctttntgca	ggatcccatc	gattgggaat	60
tcggcacgag	gctatttgtg	ttttgttgca	ctgttttttt	tgtttgtttg	tttgtttatt	120
tggttggtctt	tttgagagg	gaaatggggg	tgaaatat	ttttattgtt	gaatcatttt	180
gtgaatgtcc	ccctcaaaaa	aagctaattg	aatatttggc	ataaagggca	tttgggtggt	240
ttatttttgt	ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	300
aggggaacaat	tgttgatatg	catagcattg	gaatacttgt	cattatatac	tcttacaat	360
aacacatgaa	gcaagaatga	ccaatattct	gataattggc	actggatcac	aaaatgtgat	420
aaaacttttaa	atgtataaaa	ctttatcaaa	taaantttat	tttccccttt	aaaatgtatt	480
ncttttagagg	cattactttt	ttaaaantat	tggtcaattc	ctgacatacg	atgtgaaggt	540
tnacaagttg	gatttccnag	tattccaana	tnaanttcc	tgatttttca	attaaggcaa	600
aaacgtcaaa	atcccaaaan	ngntnnccna	taaaccaaaa	nttgcnnntn	tttaaaaang	660
gnntangcct	tttaaatan	gaatcantta	attcntntat	nnngcntngn	nnttgnnaaa	720
attanccct	ntnnntann	tcccctttnt	nttaaatttt	nngggtngnn	ctggaaaaan	780
atnngncccc	ttgntanngg	gcctccctng	gcnnnttanag	aaaaacccaa	ctnntngggg	840
gcg						843

<210> 2937

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 2937

aggtnnntaa	tnttctatac	agctacttgc	tntttccgcn	ngatcccatc	gatnggaatt	60
cnncacagag	atgacctcca	atgtggccag	cgacgagatc	gcacagcacg	cgctgcagct	120
gaggcagggg	gctttggaga	tgagccgtaa	ccgtattgcc	gaaaacctgg	gggatgtcca	180
nataagtac	aagatcacca	tctcaanaaa	cttcaangan	aatgtgattc	accctatcct	240
gaaagctnac	ttccngangg	atgagtntct	gggacggatc	aatgagatcg	tctacttcc	300

cccccttctgc	cactcggagc	tccaagt	atcnnacaag	gaacttgaan	gggncc	360
tnanaggcnc	ncnnnnggnc	annnnc	nnctcngtgn	cntnataaac	agattctc	420
ngtntgataa	ntacgatana	cnatatcatt	ctgtgnatacn	caaagangtg	ncaccanccc	480
tnttctcact	nttgantanc	tntggcngtc	tnttanggtg	atanagtga	ccctannaaa	540
ntcccattnn	tacttgaagc	atacnttttg	gcnnaaaaac	naggttcttg	ntatcaatag	600
ctcctaanag	tcnaaatnt	ncatttttaa	cnnnctgtta	naaatttttt	tcaagcnnnt	660
tantgannat	tcctaagtga	aaaccttttn	aaaaacnaan	cctttnaagg	taaaaannat	720
tnttnnnttc	ttttcaaaac	nttntttnaa	cccaagnann	cnnct		766

<210> 2938

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C-or G

<400> 2938

ggngtgnttt	tnagatacag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagcaa	aggccgtcac	accaaggtca	ggccaggagc	ctaggctaaa	ggaaacttca	120
ccaccgggga	catcagctgc	tgtggccaga	gaagagaaca	tgaaagccca	catcccgtgc	180
ctgcagccac	ccactttgct	gtcacttccc	agctgaagtg	aggagggact	gttcagaaac	240
atcgaaactga	gcaaggtctc	tgtctacctc	atggaaaacc	tgatctggaa	atgacacttg	300
gaataaaaata	agattactct	tccattaaaa	ggaaatccac	ccaaaagaga	gaaatagtgg	360
tatattttcag	ttttacataa	taatttctag	agataagata	accatttgca	ttagtgtgatt	420
cagttaccaa	tttagctaag	tgtgagggag	aacatggggc	ttgacttttt	ttcttttcaga	480
aaatcaagtt	tgccataattg	aaaaatgctg	tcagctctgc	caccggttct	gtcattaatc	540
atgggaaaga	gctgatcang	ttttgattgt	ttcttcagan	gcacttttgt	catgtaatgc	600
atatattttca	attaaaatat	gcaggagaat	gcaaagntaa	taattnaggg	aaaatnatna	660
agtgttgcca	ttggctatta	attactaaaa	aaaaanaaaa	aaaaactcga	gcctntaaaa	720
ctatagtga	tcgtattacg	taanatccc				766

<210> 2939

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 2939

cttattncat	nnagctcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttgatttg	aaagcagtag	tgtggacgaa	ttgcgagaga	agcttagtga	aatcagtggg	120
attccttttg	atgatattga	atttgctaag	ggtagaggaa	catttccctg	tgatattttct	180
gtccttgata	ttcatcaaga	tttagactgg	aatcctaag	tttctaccct	gaatgtctgg	240
cctctttata	tctgtgatga	tggtgcggtc	atatttatag	ggataaaaaca	gaagaattaa	300
tggaattgac	agatgagcaa	agaaatgaac	tgatgaaaaa	agaaagcagt	cgactccaga	360
agactggaca	tcgtgtaaca	tactcacctc	gtaaagagaa	agcactaaaa	atatatctgg	420
atggagcacc	aaataaagat	ctgactcaag	actgactctg	atagtgtagc	attttccctg	480
ggggagtttt	ggttttaatt	agatggttca	ctaccactgg	gtagtgccat	tttgcccgga	540
catggttggg	gtaaccacgt	gacaccacac	tgattggact	gccctacacc	aatcagaact	600
cagtgcccaa	tgggcccactg	ttttgactcg	gaatcatgtt	gtgcactata	gtcaaagtga	660
ctgtaaagtg	gaaanggatg	tgccaaaaaa	ttaaaaaaa	cnccaaaaa	agcttccaaa	720



aaaaaacctt taaactatag t t cgtnt acntagatcc aacatgataa

770

<210> 2940

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(904)

<223> n = A,T,C or G

<400> 2940

ctacttgttc	tttttgcagg	atcccatcga	ttgngaattc	ggcacgagag	gtaggcacct	60
ggcatgtcag	ttgcctgaat	ttgaaagttt	tcacctgtat	gttttggncg	ataaaaataa	120
aaatgtaatt	tatatatctg	aatcaggtct	gtatgttatg	atcaattgct	cagcaatttc	180
gggcagttgg	tttgatgggt	atgtagtaat	gtancctgag	agcagaaata	cagagcctct	240
gggctagana	aagtataaat	ggcatcctag	gctatgtagg	gttcagctct	tcagaaggaa	300
ctttcatttt	tcattgtgac	acatcgacta	catgttgtan	aagaacatag	tttcannaat	360
tcttcnngtt	agaaacatac	gtttcctcaa	aatatttcac	tttcangcat	tgggtanaaa	420
aagtncccat	gtnattngac	tangcnatn	tnctttaaaa	aatangccan	tttnctnnaa	480
cccanngata	natancccca	cgtttnttta	actattttca	ngtcatttta	acantcnccc	540
tncttttct	nnnnnccnnn	ggnttaantt	ctcnanccta	ttttncnncn	canaaacnnt	600
ncntttctna	cctnaatcat	attttcccac	tnnnccetnaa	ctannnnana	nancatntnn	660
attcnctcat	ncnannnnnn	ttggcatann	ntttanacta	taggcatnaa	ctcnttcata	720
tnnatatnnt	nctncaatnt	acatnatntt	ngnctanatn	ttcatcnntc	tattctncnn	780
nntcatnnnn	taannnnntt	ccnacnttan	nnnttatcnn	nnntanttgt	tcntatanen	840
cntntatcnn	tcnatantnn	nnatntntan	ntatcttanc	ntatccanaa	tncananaca	900
cgcc						904

<210> 2941

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2941

tncttcaann	nntgggtctcg	tctttccag	gatccctcga	ttcgaattcg	gcaegaggca	60
gaagccaatt	ccttgtgaaa	agctgactgc	catcagtaat	ctcaatagaa	aagagatatg	120
ttttctggag	tcataaagga	attcaattcc	taggggtttt	gtttttgttt	ttgagatgta	180
atattgctct	gttgcccagg	ctggagtgca	gtggatgat	ctcaccttac	tgcaaccacc	240
acttcctggg	ttcaagcgat	tctcctgcct	cagcctcccc	agtagctggg	attacaggca	300
ccagccacca	tgctgggcta	atttttttgt	attttttagt	gagatgtggg	ttctccatgt	360
tggccaggct	ggtctcaaaa	tctgacctc	aagtcactct	ctggccttga	cctcacaaaag	420
tgtgtggcca	gccgagattt	gttttctaag	atactttgtg	tcatgaacag	ttcagtttag	480
tgtcatgaac	tattcacttc	atatttttct	tgnattaact	ggttaaattt	ttaaaatata	540
ttgtagtaac	tctttaaaat	gtatgtaaag	taaattggctg	cagaaagggt	ttttagagaa	600
tcctgtcttc	catcagtaat	acagcaatat	tacccccaaa	aaaaaaaaatn	aaaaaaaaaaa	660
cttcgagccc	tnanaacta	tagnggagtc	cgtnttacgt	aaaatnccag	gacntgataa	720
ggantccatt	ggatganttt	gggacaancc	ncacttgnaa	tgcantggaa	a	771

<210> 2942

<211> 755

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 2942  
 ctnttaantn nctcnttngn ctacccgttc tttttgcagg atccctcgat tcgaattcgg 60  
 cacgaggtac tttgagtgtt tgggggttca nnncacacat gcaattttgc ttaacaaaag 120  
 tattttataa tacagtttca tacagaatta ccttaaaagg gagtcttatg ttttcaacta 180  
 cagatagttg taagggatca tacagaagat attgatgata gttgaaatat tcttagaagg 240  
 ggtgtgtatg tctagctgtg tctacatgt gtatgtattc ttgacaagca gtataaaata 300  
 cctgtgattt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat 360  
 catccctaata gtagcagggg gaagtattta attgcccatg atatgtattt tacttatact 420  
 atgccagaga ggaaactata aagtaattac acatgtaatc ttgggttttt cacatatgta 480  
 ggtattcatt ttgagttagt tgaagaagaa aaaaaatatt taaatgaatt gaattcctga 540  
 tgggatagta tcaataagta tttaaaagcc agtattctaa aaataataaa gggtaggggc 600  
 atttttgagt ttgggttttct ttgctattg gtaattattca aaattaaagt gttcattggg 660  
 acctggtggc cttaatgcat ttattgnaga cagcattgag atgatgaaca aggggttagc 720  
 aatagccaac tctataataa ttttgcttaa atacc 755

<210> 2943  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 2943  
 ttannntnat nttgctattg cntnttgcag gatcccatcg attcgaattc ggcacgaggc 60  
 ctcacccatg gatcaggag gacgccagg gagtaacca gttctgcca gcaagctaca 120  
 cccactaac tctgggccct gtctgtgcta tttaacattt cattnanaca ggagctcctg 180  
 ggaagaagct tggctcagta tncttggnag atcacccctc aaagnctccc tcnnggtatat 240  
 tctaagtgan gacggatccc atatatacct cacttaggct ttactctgct ctgcaagcac 300  
 aggcaagacc agctacatct ttgnacgcca cccctgggtc ttagtaggac aagaacctca 360  
 gaaactgna nggcactaag agctgtattt tagaaactgt gttgaaatta catttattca 420  
 gctttgatct gggngggccc tgtacctggc actgctacaa gtgtttcaag aagggtgcgaa 480  
 ngagatattt ttacaggcaa aatagantat atttcctctn cagnttcatt tgactgcttg 540  
 tttaaaaaaa aatatgaaag atngtacaga gagtncccat atccctcat ctagtctctc 600  
 tntattaaca tctgccatta gtgnggtgta ttgtcacaa ttaataaacc catagtggtn 660  
 aaattattgn tggcaaaaat ccatacttca ttcaaatttc ctctggtnan tcctaattggc 720  
 cttttntgct attctangga tcttatcc 748

<210> 2944  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

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<400> 2944
gtnnnnntng tgtaatcgct tgcagc atccctcgat ggcgaattcg ggcgaggtg 60
ttgctcaang agcagaccgg actccntaag gtcacatctg aatgggcatn atangtttga 120
anactgtcca ananantang ngtcaataca tcaacnctt tanntgcttg atattgnnat 180
tgaanaacac angnctcngn ctagttcgcc tganatgatg tttaagatac tccggaagga 240
gacanantgt tntgantgcg gattaganac cacngaaggn aactnaagg ancancatct 300
ccacctngna actgnattnn cngaccanaa aagngaactg gaccaaatgc tctcaaaggt 360
gctggcagct taanagcgtg ttangactct gcacgaagan gacaggtnt ntgagagcct 420
ggnnannaca ctctcccaa ctaaactgna nctttcaaca nangggancc ccannttggt 480
ggagaaatca ggtganctgt tggcccttcc acaaagangc aaattctntg agggcnagac 540
ttananccttt ttgcngaacc agtncttgac tgactaaatg aaagcttttt aagccaggtg 600
gcccancctt aangaagcna ctttttaatc cancggaacc ngcttgagan aaaaccnttt 660
ttgacccaaa accnggagaa ccagctggcc taccaaaggg aaatgggccc ccatttgaac 720
ttggggttnc ccangaacaa nccttgnccg ggncaaagcc cnttgttgga aaggacctca 780
acct 784

```

```

<210> 2945
<211> 765
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

```

```

<400> 2945
ttcaatgttn ntnaaactct ttggaancag nctcccatcg attcgaattc ggcacgagaa 60
cagatagaga cttggtctta aaaaaaaagg aaaagatttt gaaacaaaaa attagctggg 120
cctagtgggtg tgtgcctgtg ctcccagcta cttgggagggc tgaggtggga ggatggcttg 180
agccctggag gttgaggctg cagtgaagca tgattgtgcc actgcgctcc agcctgggtg 240
agagagcaag actctgtctt taataataat aataataata ataaagtggg caggaagggg 300
ccccaggga ggagcataaa cctctccagt ggctgtgatt tgtcagtaag gacatggggc 360
atctggcgga caaatacccc tacagcgata gcattttccg ggcattttgt ggtctcaagg 420
cgccctgctt gccctcagt gatgctttgt ccagcccga ggcattttat ccagcagaca 480
agcagaagca gcagttttgt cattcgagcc ggcttccctg ccatggtaca ttacgtgagc 540
aggcggtgg ctgtgctgtg ctctgtggag atcacacgtg agattcgaca gcactcgctt 600
ctgcangctt ctctttcctg ggttctttta agatgaagag agaaccgccga anaggcgggg 660
cttgcggaag ggcncctggga aaaagnaatg gaatnatggn ctttaacaat ggtgccccgt 720
gaactggaat ggttctgant ggcttgccag aactcttgag tcaact 765

```

```

<210> 2946
<211> 751
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

```

<400> 2946
ancgtgnctt atnnacnctt tggagacact ccatcgattc gaattcggca cgaggctatt 60
ccgaatagcc ccaggtgatc cnttttacac canttttagc aatggaagtc agcacctctg 120
ctgggccaag gccatgcttc cccagcctgt ggctgcgctt ctgctgtctc tccgggtctc 180
acctgggcgg gaggtcctc tggaggccag gacctgcctt gtgagggtgc ccttgtggga 240
gaggcgcttg cccaaacctg ctgttccccg ggggctcctt ggtggcccc aggactggag 300

```

ctctctgccc	agagtgeccc	t	agagg	ttaggactcc	catgaccctg	t	ctgccc	360
actgtgacct	ggggtttgca	tg	ttectt	ctttcctagt	tgtggtgaaa	t	cacttg	420
tgtgtttcgt	tnttcctggt	ctctgctgat	ttaccgatgt	atttaattgta	aagtaaaaaa			480
aggaaaaaaa	gaaaaangnn	naaaanannn	cnnnnnaann	nanaaaaaaa	aaaaaactcg			540
agcctntana	aactatagng	agtcgaatta	cgtaaatcca	gacatgataa	gatncattga			600
tganttttga	caaaccncaa	ctagaatgca	nngaaaaaaa	nctttattttg	ggaaaatttg			660
ggangcctat	ggcttatttg	gaaccattta	agctgcanaa	aacaagttta	ccacaacaat			720
tggcattcat	ttnaggttca	agttcanggg	g					751

<210> 2947

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2947

ntnctttntg	nnntnaaacn	ctttggtaag	cancatccca	tcgattcgaa	ttccggcacc	60
gaagggcctt	ccagatcgty	ctgtncacc	tacctntncc	gantttngnc	ttncagatcg	120
tgtgttccca	cctacctgna	catntgccac	agttggccct	gggccaaacc	cacgaagggc	180
ctgggcctaa	ccccttggcc	tggccactt	ncagagggac	cctgggccgt	gtgccagctc	240
ccagacacta	cctgggtagc	tcangggagg	aggtgggggt	ccaggagggg	gateccctctc	300
ccttggggct	gcccctgtgg	agggggatcc	cgcctctaga	actatagtga	gtcgtattac	360
gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	tagaatgcac	420
tgaaaaaaat	gctttatttg	tgaaaatttg	gatgctattg	ctntatttgt	aaccattata	480
agctgcaata	aacaagttaa	caacaacaat	tgcattcatt	ttatgtttca	ngttcacggg	540
gaggtgtggg	aggtttttta	attcgnggcc	gcngcgccna	tgcattgggc	ccggtacceca	600
acttttggtc	ccttttagtga	nggttaattg	cncgctggcg	tantcatggn	catagctggt	660
nctgtngaa	aanggtatnc	gntcacaatn	ncacacaaca	tacgaccg	gagcataaat	720
gtaaacctgg	ggtgctnatg	agtgactacc				750

<210> 2948

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2948

ctatagacag	ctacntgctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagagatt	60
tcagtaaagc	tcgttcgttt	tgtttggttt	tctttttacc	tagttgctat	agtgtctaca	120
gtctatactc	aatacctata	aaatgcagta	agcatgtgtt	acagaaagag	gttctgggtg	180
gagagaaagg	tgcgtgtgag	acaggagaat	tgtcttaagc	atataaaaca	tgtatgattc	240
cagaatttta	gtatgttttg	tataaaacta	tttttcatta	cggagactag	aagtgaacag	300
agaattacac	aagtgtgact	atacaaattg	naaaacagat	actataatat	ttccttttat	360
tttagtggtta	tttagcttta	ttacagattt	ctatttttgt	caaaacttca	tggttccttt	420
caagatcttt	tttgccaaaa	cattttgata	ctatagcatt	gncatttgaa	agtaagtgtt	480
ctanactata	aaaccaatga	acttctacat	gagccctaca	gacaggcatg	tgtagaaggc	540
aattttatcaa	acctattgca	ctggcatgaa	aagtgtgtat	aataattttg	ctagccccaa	600
agcaagctag	ttttctttgc	ttgcttcctt	ttctttcntt	ttttccttgc	tnttnaagnn	660
ttgaancctt	tttaaacatg	gttgaggaa	tctctagggn	ggatttcctt	tgggcgtnat	720

<210> 2949  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2949  
 ncgctnctaa cnnntggcgc tatgcttggc gctnganccc tnngtnnngna ntcggcncga 60  
 gggtnaagct tcattcantg tccattcacc cantactggg ttgattctan ggcctangaa 120  
 aataggactg agcaaagccc ttgtccagat ggaacttatg tnttanangg gaaaacacac 180  
 catatncagg tnnacagngt acnatcacga aangntaaat gtctatgaag aacattgtgc 240  
 agacggcgat ngngntanat agggnaaggt tnnnnangac agcatagctt gatgtacnag 300  
 cnagananac anataingaa annctntcc atactaaggg aatgggaaat aangctnnnt 360  
 tttgccttgn tgaccttcaa acatgagaat tgctanagct ctgtgccaa gntnaagagt 420  
 ggaanacaat ntaagcttca gctacatcac ttacggccta taggccacac tgaactgtgc 480  
 nngnaaaact cannttgagc cangetcncn ncttaacata tttaaagggt ctntnctgtg 540  
 cgcngcaaga agacnacagg acaggtncag ctntgtnncc acnnganntt gatnttgact 600  
 tcannngtac atattntggg ctnantntnn gantnaaaat gcgctatcnc ccataagtnt 660  
 ggantcntga ncatantgtg gggcntctgn cacaatgngt attatntcaa 710

<210> 2950  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 2950  
 ggntatgngg cntnaaatat acagctctcg tngctctttt tgcaggatcc catcgattcg 60  
 aattcggcac gaggttaaaa gaataaaaaa ggaataattg aagccttcga gacatatggg 120  
 atactataaa gccaccacat atttgaatca tttgggtccc agaagacaga gaacaaaagg 180  
 attggaaaac tcatctatct ttttgttatt aaataataga tgaaaacttc ccaaatctat 240  
 caaatgattt agatatccag aaacaggagg ctccaagatc cgcaaacata tacaatgcaa 300  
 gaaagtcttc tccttggcac attatagtca aactatctaa agtcaaagac agaattctga 360  
 aaaaggcaag agaaaagtgc ctagtcagtt gtaaagaaaa ccttatcagg ctaatagtga 420  
 atttctcagc agaaacctta caagccagga aagaatgata cattcaaagt actgaatgaa 480  
 aaaaatgcta tccaagggat actatatcta gcaaaaatat tctttgtaac tgaaggagaa 540  
 ataaagtctt cccagaaat tgcttaaggg agtcctaata ctgggagcaa aatgactaca 600  
 ttaccatca tgaaaactta tgaatgtgta aaacctgcta atnaagcaat ccacanagga 660  
 ataagggaaa gtaattaaat ggtcctgtac nggaaaacca ccaaaccaaa attggaanna 720  
 nancttngga aaaaaactcg gcctttaaa 749

<210> 2951  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

```

<400> 2951
gnnngggnnnn nnnnnntttt atanatacag gctacttggt ctttttgcag ggatcccatc      60
gattcgccct gccctgggtc tggccggcgg aagctctgtc caaggtccac acacctccag      120
gtttacgcca acatccttgt gccctcccca ctttctcttc caacgcatta ggtgcattgt      180
ttaattgaaa tccaaccaac aattgtgtgt caaggctggt ttggtgcagt ggctgggcaa      240
attaattttg ggccaggatg ggggtgggtt gcagtgaggg tagggaaaat gtcaggagta      300
ggaaggttcg ggggttaagg gaagggaagg aagaccagaa ctggccatcc tcttttataa      360
tccattagta gcaccatggc tcatttgaaa tgaaaatatt acacttattc cccacccaac      420
cgnagtgaac tttctaggta attgttttga aaacaatttt tgtatctgtg aaagtctttg      480
ctttntcttt ccaccttcta gaaaagtctg ctaccagttt cttactgaa tacagccata      540
ctcagccctt ctgcaccca gcccgtcagg gtcanggtca nggtcangct tcctnaagac      600
tagcaccgca ttgtctgccc tcttttgcgt aggatttttc tctnaacca ngggacattg      660
ccttggaact tctctacaaa tgcccttaga tgttagaaca caaatgattc tgnttgtgga      720
actctggctt tttgcctatt tncctttt      748
  
```

<210> 2952  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

```

<400> 2952
gnnntgggnnn nnnnnntttt atanatacag gctacttggt ctttttgcag gatcccatcg      60
attcggccaa gctcagtttt tcgccttgaa tatgaagatg ctagaaagag ctctgcattt      120
aagcagagcc ttgtgcaatt cccggaccaa atgctgaaac tgcaagagtg ccctttaaaa      180
gaccttctta ggcattgtgac ttgttctcta ccagaacctt tgggcaacat gaaggaagtc      240
aaaggcattt actggcttgc tgggtgctgcc tgcacagcac ctgaccctca accagcgtgt      300
ttgctcctgc ttcagtcaac tttatatgct ttggtcctgt cagataatct cggctcaatg      360
agcatttttc atgctctacc tctctctggt ctacaggaga ttcagattgg ctttgggtgga      420
cagagtgttc gattcctgag ctctgcagag ggtcttctgc tcaactgtatt cagttacaac      480
aaatacctct ctcaacagct gtgtcgtgac ctctgtgtg tcctgatgcc anacctgatg      540
cccgctgcct gcgctaatac tcccttgctc cacaagatct gggttcactt ctcttgattg      600
gaaaacagaa atccctgatt tantttttgc caaatgggag ttcangtgct atccaaattc      660
canactaccc ttgggtgaca tgattacttt ntcatggaa atatggaagt caatgtccct      720
tccctggcaa aagttcannt actggtntn      749
  
```

<210> 2953  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

```

<400> 2953
ttaatanaca gctcttggtc tttttgcagg atcccatcga ttccggagaac tagtcaataa      60
ggaacaggat caacggccac tccacccagt ggcaaatcca catgcagaaa tctccaccaa      120
  
```

gggtccagcc	tccaaagtga	acgcccgt	ggaacagcaa	ggggaggtga	acgaataa	180
aagagaaaga	aaggaagaac	gggaagaa	aaggaaaaga	gaaaagaaag	acaaagtt	240
agaaaaccac	caggaaaact	caaggaatca	gaagcctaag	aagcgcaaaa	agggaacagga	300
ggctgacctt	gaggctggtg	gggaggaagt	ccctgaggcc	aatggctctg	cagggaagag	360
gagcaagaag	aagaagcagc	gcaaggacag	cgccagttag	gaagaggcac	gcgtgggcgc	420
anggaagagg	aagcggaggc	actcggaagt	tgaacagat	tctaagaaga	aaaagatgaa	480
gctcccagag	catcctgagg	gcggaagaacc	agaagacgat	gaggctctgc	aaaaggtaaa	540
ttcaactgga	agggaaactat	taaagcaatt	ctgaaacagg	ccccagacaa	tgaaattacc	600
atcaaaaagc	ttaaggaaaa	aggttttttag	ctcagtactt	ccccagttag	cagattgagc	660
cattaccaga	ttcccgaag	anggaacttc	ctgggtccat	tnttttacca	nggaaaaatt	720
cngccaagga	acccttaacc	ntttaagttt	ntttaaangg	cn		762

<210> 2954  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 2954						
ngnnggnnnn	nnnnnttttna	atntcangct	acttggttctt	tttgcaggat	cccatcgatt	60
ngaattcggc	acgagatcac	cttggagctc	cttgagttag	ttctgatcaa	gccattacac	120
tcttttcatg	tagacctgcc	tgtaagtgtg	gacatgcaca	ctcagctgac	cttactgttc	180
aaaagctgga	gaaaaagaaa	cagctttcat	acagtgcaaa	ctgtctacgt	ctatgtaaaa	240
gaatttgaga	aacatggcag	tagccattgc	taattaatct	gggtatgtgt	aaatagttta	300
acttgatttt	tgactctggt	gtttggatct	attttaagat	cgatggagtt	aattgcttca	360
tgacagttct	tatgaaacat	gcttttttat	atccttgtgc	caatgttttg	tttacagatc	420
tttcaaaatg	aattcactct	gagaaataat	gaaatgacaa	ttgtgtggca	catgttaggc	480
gttagataaa	ttgggagttc	tcttcttttg	taagattagc	tttaaatacca	caattaattt	540
cagttaggag	agaataagca	tccataccct	atctctttta	ccctgattac	aactagatac	600
ccccggacag	aagacaaagc	aaccacccaa	agacttctga	aaaggtagat	agtagccagg	660
cagactgggg	aagaagaaat	tnaaaaccct	gaacaccaat	tttggcantg	aggtttacct	720
gggtttaata	tatttctncc	caaaacttgg	ctcaanaanc	g		761

<210> 2955  
 <211> 854  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(854)  
 <223> n = A,T,C or G

<400> 2955						
ggtgnnggga	aaacnngcctt	ttatacatat	aggctacttg	ttctttttg	aggnatccca	60
tcgattnggc	ctcagagtct	ctgatcaagc	agattccacg	aatcctcggc	ccagggttaa	120
ataaggcagg	aaagtccgt	tccctgtctc	cacacaacga	aaacatgggtg	gccaaagtgg	180
atgaggtgaa	gtccacaatc	aagttccaaa	tgaagaagg	gagtgggtct	ggcgggttgc	240
tatgggtgaa	ggtgttgga	gggtctaaat	cttatccaag	tctctaaata	tgccagtaag	300
agcaccacc	aggattgaaa	cttttggagt	aaccctggtc	ttggcccggg	tccaagtacc	360
tgctcaccag	gccactgggg	gaggaaggac	angccnatct	gctatttgnn	caccaacctg	420
acttgatcct	ctcttccctc	tcccangngt	tatgtcttgg	ntgtaactga	tggncacgcn	480
aagatgacag	acnatnanct	tgtgtttaac	natnnaanacn	tggctggtaa	cttcttgggn	540

ntcattgttt	aantanacna	n	nnnnn	aangttccng	gnntttatnt	t	naantn	600
aaccctnatt	gttccnatac	cs	aanngn	cnntttttat	tannnnngnn	cs	tntnnn	660
attaaaatnn	nntttttatc	nnnattann	nnnanntann	nnnnnaata	nnnctntng			720
naagnnatnn	ttngaacnnn	ttnnnnnnan	ttnnnnnnnn	taannnnnnn	ntaatctcnn			780
nanatttggn	nntnngtann	nncttttgt	nnnnacnttn	nngnntnnnn	annncnnng			840
tannnnnnna	tccc							854

<210> 2956  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

tttnncngac	nctnttnaac	tccctgcagg	atccctcgat	tcgaattcgg	cacgagcaca	60
agaaaatgaa	attaaaaaat	aatcaagct	ttcatatgct	caactncatt	ggaccactgc	120
aatcctgggtg	acatattgcg	ggctgaagaa	acccattggn	tatagtcctc	ctgtcactgg	180
agatatgtgt	ggtgagaaag	agaaatggcc	acnttgcaat	ancagtggga	agcaaatgca	240
gaaagcacc	agnaaagggg	aagatctagg	tgacagaggc	catctactct	tntggattca	300
tntggttctg	gcacacagag	aatggagctt	ttgnggcaat	aatttctcta	ctgatgtgag	360
caagnatact	tctttctana	attagcaaat	tattgctaac	tatttgtaag	ctaaaatnta	420
aaatnagngt	ttaatgtaaa	atttcaaaac	agaagggata	atncatggnt	cctatacatc	480
ccataggtag	taatgcattg	agctaggctg	tggntactcc	ctcagtgtga	tttgtgttca	540
cataagntct	tanttgngt	tgactgnta	ttattaaatn	tcaagtntga	cantaangcc	600
acagcangac	tttagagctc	naagacattn	gtnacacaan	cttnttgga	acttttttca	660
aaacnttgna	cactttatng	ggnnnnaaac	ttccccnttt	tnnnaaacca	gatcnttggg	720
gcntcaanct	ntttgaancc	gnanntgcnn	t			751

<210> 2957  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

ncgaaagncc	aangccggac	nggacgggaa	caccctccca	tcgatngcga	anncggcacg	60
aggaatcttc	cttaaagncc	agagcctccc	ttantntgga	nttttgcct	gcccagcct	120
tctcgcgggg	agggaaactcc	ttctgtctgc	cgcctgnnac	atccctgagg	gagaaggctt	180
gtgagctgag	cccacatcac	tcgntctgct	gcccangtgg	gcttccatct	tcactgagga	240
aaagncattn	ngaactcccc	ggcgactgca	aattaagtaa	tcaaggacag	atgggactgg	300
gtngaccatt	ccaaggagta	cagntactgg	aagaatctgg	aagcaatacc	gagcacatct	360
gntggcatna	atccattgga	gcaataatgc	tggacgtaga	aagnatgtcg	cntttttaaa	420
aaaacatcat	cannnctgag	catacgnagc	aagngaactc	taacttgga	cggangataa	480
attcntctaa	aaaacaagag	aaaaaacct	ncagacaaaa	ttatgcancg	agagcttta	540
aaaatatana	tcccacagca	tnagggaata	cactttgnct	ggcnatgccc	acnngactcc	600
anccttgggc	cgacagaacc	gaggactccc	ggncccaaaa	aaaaaannan	naagaaagac	660
nngcattaaa	gggagaaacc	agncnggncc	ngggcnagaa	aaaacnanaa	nanggcaaag	720
aaggcannnn	ttnaaaanna	ntnnaaagac	caaagcagnc	anagganaaa	acc	773



<210> 2958  
 <211> 639  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

<400> 2958  
 gannttcnac taatngett gntctcgttc tntatgcagg atccctcgat tcgaattcng 60  
 cagcagaagg cctgtgccng aggggttggc cagttgggag ccngngtcnt cctcatcagc 120  
 ntatcccat gtcctctatg cccetaatnt gcttntcat nttggagggn ttggggagaa 180  
 gttggnngtg ccacccccac atccctgngg aggtgttcac ccagtctgag anccggnagc 240  
 actnaggcag ggcctgatac tggacctgtn tgagctnana nctcnntgnt ngnaanganc 300  
 tgagacngcn gancantgct cacttgcatt gagagcccac cananagctg acacctgcgg 360  
 ctngtttncg natcatctnc nacntagaan tctacatatn gctgacttac nncnnnagcc 420  
 caagggaatc agattccanc tatcaaactn ctgattangc cnaancctct attgtnaaca 480  
 ggttntggcg cacntgttca tcacnactna tgcntcgaan agatgtgaaa tgnaaaatgc 540  
 natntctatg tntctttact catttgataa tntttnnnat gtctgcattc naaatgcgtg 600  
 anctttgncc aaagcnnnta gctacctntt ntctgcctt 639

<210> 2959  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 2959  
 nntttncnaa tncnaggcta cttgttcttt ntgcaggatc ccatcgattc gaattcggca 60  
 cgagaaatca gttnttaaac tttatgtata tattntagcc agagcttaat gttttatgaa 120  
 gataaaggac atgaagntta acaatggaca acngntannt cagctaattg tgagggtcaag 180  
 naattgnaag acatacgga aggctttgtt ccacaatatt atatggacca ctgaacaaga 240  
 atgacagccc tttgttatca cttggcatat gaaaagtgtg gtgtgcatag gttgngtnaa 300  
 tttntnatgt gcntaaaaat gngatnttaa nttatatgct ctgaangata atncagggtg 360  
 tagttaaaaa tgtacaatgt gccanntcan nntatntnac cctagccctc aaattattct 420  
 gattaagggtt aaaatgtgct ggcttacngt gcttnancct gaggccttct gatnggntct 480  
 tggnnacaga nttttaaagt aagggtgtgan ttngcaact cntgtgctnt atntataaag 540  
 atatnaanta atnncatgtn ctgatatttg aaaagaattt ncccaaaaat gtgttatttt 600  
 aaaancnatc aaagctagct acangctnaa naggctcagt tcttctaca taatcgggnt 660  
 aanattnta aggnattata anaattgtaa attactgccc aattgggtaa aaaanggggg 720  
 tatacatgca annaataana ctcnagccct ttataacttt n 761

<210> 2960  
 <211> 857  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(857)  
 <223> n = A,T,C or G

<400> 2960

nttcntnact	naagcnccttt	gacttctct	ctttntgcag	gatcccatcg	attcgaattc	60
ggcagcagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatectat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtaccc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcag	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaanng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tgngctgact	nttgnggagc	480
cnccangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	cccntcncaa	tcctgaaagn	gtcntgnaag	gtnnaccnt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gnccccnnnn	cnntantngn	660
ccngnnnncc	aatntectan	nnncntangg	tntnaccccc	cnntnaaana	gattttgnnn	720
aagggnttcc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaaa	attnnccggg	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2961

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 2961

nttcntnact	naagcnccttt	gcaacttct	ctttntgcag	gatcccatcg	attcgaattc	60
ggcagcagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatectat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtaccc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcag	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaanng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tgngctgact	nttgnggagc	480
cnccangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	cccntcncaa	tcctgaaagn	gtcntgnaag	gtnnaccnt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gnccccnnnn	cnntantngn	660
ccngnnnncc	aatntectan	nnncntangg	tntnaccccc	cnntnaaana	gattttgnnn	720
aagggnttcc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaaa	attnnccggg	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2962

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2962

gnnnnnttna	atnnnagctc	ttgttctttn	tgcaggatcc	catcgattcg	aattcggcac	60
gaggccctgt	gttaatccag	gtgagaacag	gtagtaccca	aattagggca	tggtagcagg	120

gatgcagagg	aaagaagagg	a	gaact	atttgggagg	tagtattact	a	tttag	180
ctttgaagg	ttgagagaaa	tg	aagcct	aactacaagc	aaggtttcta	g	cagnaa	240
cttcataatca	tttgaaatac	aaanattanc	aatcaatgta	aaaaacgtcc	tggtgctaagc			300
atagcatgaa	gtctgacttc	agtgtagcat	tgaggagggt	cctggcctca	natactgcac			360
cagntgttng	ntcagctntg	ggcnanaaca	ttagnacagat	cattaggnat	ttttgtccct			420
tnntgcattg	tccttcgtca	tatatatttatt	aaacacctac	tgtatcctag	gcagtatttn			480
ccagggatgc	aaagatnaat	tagatctggt	ngcttttctt	canagtctga	agttaagtgt			540
cangtttgtg	gggaangtta	ttctngcctt	gtgtatttag	tcccaactta	agctntaatt			600
ttngaantng	taaaacctta	tctgattata	aaaaaannaa	cncagtctna	aananaggat			660
ggntgaatgc	ataaatttaa	tcttgaaaat	ttaancgact	ggttcttcaa	aatgncactt			720
ttcatccccg	gttggtctnt	ggctga						746

<210> 2963  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 2963								
gnnnnttcta	atgctaggct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc			60
acgaggaaat	gggtaggaac	aagcattagc	ctggtctggg	ttcctccagc	tcttaggaca			120
agttggaaca	natttgctgt	tctgatgatt	catctttctg	atcacaggga	tagcataact			180
cagctttgaa	gaaaggcatc	tgacagatc	atggcagttc	cattttgctg	tctgagtttg			240
ctccttttagg	taagggaact	agaatgcaga	tacagttaga	atcagtctct	ctctctctgt			300
ttgtctgtct	gtctgtcact	ctctntctcc	ttattgcact	ganggccggg	cgcggtgggt			360
cacacctgta	atcccagcac	tttgggaggc	tgaggcatgt	ggatcacgag	gtcangagat			420
cgagaccatc	ctggccaaca	tggtgaaacc	ccgtttctac	taaaaatata	aaaattagcc			480
ggcgtgggtg	tggacgcctg	tnatcccaac	tactcangaa	gctgangcag	gagaattgct			540
tgaaccgccg	gangcggang	ttgcgggtgan	ccnaaattgc	gccactgctc	tccaacctgg			600
gtnacananc	aagactctgn	cttaaaaaaa	aaanacaana	aactcgagcc	tntaaactat			660
agnagatcgt	attacgnaga	tccaaacatg	ataagatnca	ttggtgagtt	tggacaaacc			720
ncantngaatt	gccanggaaa	aaaatgcttt	ant					753

<210> 2964  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 2964								
tancttnata	gacagctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg			60
aggggaccac	tggtctgcct	gacctcacc	cactaatatt	ttttattttt	tgacagagaca			120
ggatatgggg	aaaagaaatc	agattgttac	tgtgtctatg	tagaaaagga	agccataaga			180
aactccattt	tgatctgtat	taagaaaaat	tggtctgctt	tgagatgctg	ttaatctgta			240
actttagccc	caacctgtg	ctcacagaaa	cgtactgtat	tgaatcaagg	tttaatggat			300
ttagggctgt	gcagcatgtg	ccttgtaaac	aatatgtttg	caggcagtat	gcttggtaaa			360
agtcacgcc	attctccatt	ctctattaac	caggacacac	atgcactgcg	gaaagctgca			420
gggacctctg	cctgagaaa	cctgggtatt	gtccaagggt	tccccactg	agacagcctg			480
agatatggcc	tcatgggaaa	ggaaagacct	tacatcccc	agccggacac	ccttaaaggg			540

tctgtgctga	ngaggaggag	t	agaggg	aggcctcttt	gcagttgaga	t	agtaan	600
gcttctgtct	nctgctcatt	c	gggaatg	gaatgtcatg	gtgtaaagcc	a	attccca	660
ttcgttggat	tctgaaatag	gagaaaactc	cctgtggctn	anaaccgaga	tatgctggca			720
ncaatactgn	tctgntgctc	tttgctnn						748

<210> 2965  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

gnnnttctaa	tagcnagntg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagaaa	ggcttagatc	attgacttca	gattttttgt	cttttctaac	aagtgttcaa	120
gactataata	taaattttccc	tctaagcatt	gtttagccac	atttcacaaa	tttggaaatg	180
tttattcatt	ttcatcttca	ttcagttgaa	aatattttct	aatttccctt	ttaatttctt	240
cttttactca	cttattatct	ggaaatgtgt	tatttcattt	ccaaatattt	ggggattttc	300
aaatatctcc	tgtaacaat	ttctaaatta	gtttagtca	gagaacatat	tctgtgattt	360
caatgctgag	gcttgtctga	agccccagaa	tatggtgcat	tctgtggaat	gtttcatgca	420
catgtaataa	gaatgtggct	gggtgcagtg	gctcctgcct	gtaatctcaa	cactttggga	480
ggctgaggtg	ggtggattac	ttgaggtcag	gagttcgaga	ccagcctggc	caacataagt	540
gaaacctgt	ctctacgaaa	catacaaaaa	ttagctgggt	gtgggtgggtg	gtgectgtaa	600
tctcgattgc	acccctgcac	tttagtctgg	gtgacaaagc	aagactacat	cttcaaaaga	660
aananannnn	nnnnaaaang	ntnnnnnnnn	nnnaannnnn	nnnnnnnnnn	nnnnannnnn	720
ntngnnnnnn	nnnggnntn	nnnnnaannc	ccc			753

<210> 2966  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

ggnnnnnnntt	gaaangnttn	ttgtcttttg	cggatcccat	cgattcgaat	tcggcacgag	60
gttaciaaaca	gtggaaaaca	gacattttca	gatgtttgca	caccatgcac	catgcaaaat	120
acanaccagc	tgaatcataa	naacaaatga	ctagttactg	ggaggggtttt	ctctctttct	180
cattattttt	acttctacca	aagtaatgtg	cacatactgg	tnattttatt	cnattttaat	240
tttcaccaag	ctagctaatt	acctttcttt	gttttttgtg	gaggtgggct	gtcgggtctt	300
tgctgaggct	gatctccaac	tctgtctctc	aagcagtcct	tccacttggg	cctaccagag	360
tgctgggata	acaggcgtga	accactgcnc	ctgacctata	nctataatnn	taagaagnaa	420
aatggngcaa	aaaccnnaca	ngagcaacct	gacntnctac	tntcanaaac	aatcactttt	480
aactctttga	actgnatctc	tgntatttgc	ctacttattt	ctaagtaata	tgcttactct	540
ncatgttatc	taaatggggg	attaaagctt	tttnacaagc	atctcttctn	actatcaaca	600
ttcacattca	ttacaaangg	acttacaata	tcttntntcaa	aaaaaaaaan	nnnnnnnaaa	660
aaaaaaaaagc	ctttanaact	ntannagagtc	gattacgtga	tcccganntg	ataaggancca	720
nttggtgagt	ttggacaacc	ccaac				745

<210> 2967  
 <211> 747

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(747)  
<223> n = A,T,C or G

<400> 2967  
ggntntnaat ttgcagctct tgnngntctt tttgcaggat cccatcgatt cgaattcggc 60  
acgagcgggtg ctggtgcggc gggggactgc gggggcngcc tcaggtagca gcagcagcag 120  
cagcagcagc agcagcagca gcagcagcag cagcaatgtt tcacttcttc agaaagcctc 180  
cggaatctaa aaagccctca gtaccagaga cagaagcaga tggattcgtc cttttagaag 240  
catctcagag gctctccagt gacgtgctgt taaaagtgtt gaccctgggt cagacccttt 300  
gggttggctt cgtggctcca cgacttactc tctacccttg gcagtggcgt gatctcggct 360  
cactgcaacc tccgcctcct gggttcaaac gattctcctg cctcagcctc ctgagtagct 420  
gggactacag gggcctgcca ccacgcccag ctaatTTTTT tttgtatttt cagtagagac 480  
ggggtttcac catgttggcc aggatgggtt tgatctcttg acatcatgat ccgccgctcg 540  
gcctccaaag tcctgggatt acaggcgtga gccaccgtgc ccggcctata tgttntattt 600  
tataaagtta tatgtnttat tatttacttt ttggtatgta attggttatg tcataaaatt 660  
ataatataat aattccttaa ccaaattata ttccataaat tataacntat gaattcaata 720  
tgcntttatt aaataaagat tctagan 747

<210> 2968  
<211> 762  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(762)  
<223> n = A,T,C or G

<400> 2968  
gctatnttna tatancagct gctcttggtc tttttgcagg atcccatcga ttcgaattcg 60  
gcacgagggg ggacacgttg gctgcgtttt cggcgggctt cccgggtaca aaaatggctg 120  
tggctagcga tttctacctg cgctactacg tagggcacaa gggcaagttt gggcacgagt 180  
ttctggagtt cgaatttcgg ccggacgggtg tttacgtgta attgttcacc ataggacgca 240  
tgaagagtac caagcaagag gggagaggaa agcttagata tgccaacaac agcaattaca 300  
aaaatgatgt gatgatcaga aaagaggctt atgtgcacaa gagtgtaatg gaagaactga 360  
agagaattat tgatgacagt gaaattacaa aagaagatga tgctttgtgg cctccccctg 420  
atagggttgg ccgacagaat aaatgatgtt tctcaggctt ctgaagaact ctgaaagcct 480  
aatttcactc tgtaaaaaga aagtttggtt tctgaattgg gtcttttcaa ctcttgga 540  
aattccttca acaaccctg gaaaggaaga aacatttaatt ttcacttttg natatccctg 600  
angaatgtcc tttgnatcac cttctttgaa tagaagaaaa tgtggagaaa tctaacacat 660  
gcttgactc ttgtaggaat nacttaagtc ttctgcttaa agaaaccctt nttagaaaa 720  
accaaaggaa ctttgaaatt gtnaattgga gatgagcncn nt 762

<210> 2969  
<211> 791  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(791)  
<223> n = A,T,C or G

```

<400> 2969
nnnnnnnnnn ttnancagct gtttttgc aggatccctc gattcgaaat attcattg 60
gttatacaac tgctgtgtct tttctgagaa actcagcccc aatgtgtaac accctggatt 120
ccacggggga gcaaattcca cactctgcac ccatgttgtg agcggagatt ttcgggctga 180
ccaaaacttg aggcgaaactg agtctccatc ttaacactca aacacacttc atggcggcct 240
ggaaacaagg caatcattat gaagcttcag cccagttctt ctgaaaccaa cgtattgggc 300
ctgcttcatt gtctctctag gggctaataca caaacatgtg ggaagggaag ctaaggaatg 360
cctgtctaga aaggagggtt gtataatgta gtgggaagaa cctatctgtg gggtaaactt 420
tttttgcac atgtagaaag caaatctggg taattaaatg tttgtgtgtg tgtgtgtgtg 480
tgtgtgtgta tttangtttn nnntanggnn nnnntnncnn tnnncnnngc ccngtntang 540
nnnnnnnnng gcanngnnnn ttcnctccnn nnnncananga nctnnngncn ngtnnctgt 600
cnnncttann nntngaangn tnnnttnga aaacctnnnn tnnnccnttt nnnnantggn 660
nnnnnnncnt nnnnnnnnnn nnnnnnnnnn nnnacntnnn ngnnnnangn ccnnnnnnnn 720
tnnnnnnnnn cnnnnnnnnn naannnnngn nnnnnnnnna ttnnnnnnnn nnnnnntnn 780
nnnnnnnnngc g 791

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<210> 2970

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(788)

<223> n = A,T,C or G

```

<400> 2970
gntgtntnnt tacnactgct gttcttttgn aggtcccatc gattcgaaat cggcacgagt 60
aaacatccag atgtgttttg atagcctggg gtaattaagg ttgaggacaa gtgtaccaga 120
tcaaggagag gaaccgcgtc catgcctgcc gtgtgttcag gtggctagac ttgttgttgc 180
atctgttagt tccactctta gtacatcatt gtgctgtgag gtgtcattag ccgccgttta 240
atttttcttt tgtttttaga gacagtgtct tgctctcacc ccggcttaag tacagtgaca 300
tgatcatagc tgactgcaac ctcaaactcc tgtactcaag tgatcctnct gtcttantgt 360
cccaagaagc taggactgca ggcacacacc accatgcctg gctaattttt aatttttttg 420
taaagatggg gtctcctatg ttgtcancn ggtctcaaac tcctgtcctn aagcagtcct 480
ccaccttttg ccttccaag cactggggat tagnatnctt atnntcnnnn atannectta 540
ntnnncnngt tttntctaat gggatatttna acnttttnca aannttttnn nntnnnttt 600
nanaatncnn tttnttncnn aagggnnttt nccanntntt ntnnnaannn naannnnnnn 660
nnnnnnnnntn nnnnnnnaaa anccctnttt nnaaacnnt tttnnnnnnn nntnttttn 720
nnnnnnnnnn nnnntnnnt nnnnnnnnnn nntnnnnnat ttnnnnnnnn actcnnnnn 780
tttnnnnn

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<210> 2971

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2971

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gatggaagaa agaaagtcaa agctggaaga ggccctcaac ttggcaacag aattccagaa 120
ttccctacaa gaatttatca actggctcac tctagcagag cagagttaa acatcgcttc 180
tccaccaagc ctgattctaa atactgtcct ttccagata gaagagcaca aggtttttgc 240

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taatgaagta aatgctcatc g c cagat cattgagctg gatcaaactg g c ccaatt	300
aaagttcctt agccaaaagc ag cgttgt tctgatcaag aatttggttg tg cgtgca	360
gtctcgatgg gagaagggtg tccagcgatc tattgaaaga gggcgatcac tagatgatgc	420
caggaagcgg gcaaaacaat tccatgaagc ttggaaaaaa ctgattgact ggctagaaga	480
tgcagagagt cacctggact cagaactaga gatatccaat gacccagaca aaattaaact	540
tcagctttct aagcataagg agtttcagaa gactcttggt ggcaagcagc ctgtgtatga	600
taccacaatt agaactggca gaacactgaa agaaaagact ttgctttccg aagatactca	660
gaaacttgac aatttcctag gagaaatcag agacaaatga gatgatggcc gatatgtcca	720
ccagatgacc agtgcctgcc ccggan	746

<210> 2972

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2972

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ccagaatcta caatgaactc aaacaaattt acaagaaaaa aacaaacaac cccatcaaaa	120
agtgggcgaa ggacacgaac agacacttct caaaagaaga catttatgca gccaaaaaac	180
acatgaaaaa atgctcatca tcaactggcca tcagagaaat gcaaatcaaa accacaatga	240
gataccatct cacaccagtt agaatggcaa tcatagagct tttcatttat ctgagtgttt	300
tcctctgctt gtctgggactt gtgctttcac gagctcctgc tctcatatca ggggagtga	360
taattgaatt tggatagttt tttggttttt agttggaaca ctctttttcc tgtggaacgt	420
ctatagaaaa aatgagtcaa acagagaata tgcaggggag gcaactctga atgcttccat	480
ggctacatac atacctgttt tctttgattt gctaaaccct aagttaaaag gaaagtactg	540
tctaaaatag ggagaaattc cctatattta taccatcatt tggagtattt acaatgggag	600
tgttttgnat tataaatgtc aaaaangttg agacaggact cacttaaatt aagangggaa	660
actttttttt aatgatggaa atangggctt aataaactta catctnctta acttcttta	720
taattggnaa taaactatga ctgggtcaaga attggacnnt cc	762

<210> 2973

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 2973

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cacgaggtga tatgaaaagc gaatgcacca tttcttggtg atgattcagg tcagcgttg	120
gacccaggaa tctcctgtta atcagtaccc tgggtgattt gatccaggtc atcaagacca	180
tggcttccat cgtaggcagt cacactcttt ctctcttgga tcatttgctg tggggaagca	240
aactgtcata tgagaggaca ctcaaacagc ctctggagtc tcatttgcta aggaactgag	300
gactccagcc tgagaactca ngcaagtaac tgaggcctgc caacaaccat ggagaaagcc	360
tggaaagtga tcttcctca gccttcagtc gagacaacag ctgcaatgac agccaagcca	420
gcgccacca gcttagccac ccccagagaa ctaactctca gaaacatgt aagataatac	480
atgttngttg tnttaagctg ctaagttttg gggtnattna ttatacaata gatnattaaa	540
acacatagca tataaataaa atcaataaaa ccagtatggg tcagtaaatga gttaattaga	600
taattagaca aattttgcat ttctgnttct atggtnatna ttttcttcag aaaaaattct	660

ctccgggtaa aaaatgttta a tgggttc ccaaccggac attttttaaaa t ttaatc  
agtttnggga aggccaaagc c tgggat tgcttttaan

720  
760

<210> 2974  
<211> 795  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(795)  
<223> n = A,T,C or G

<400> 2974  
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atgacatgaa acaaacaacc ggtccaggaa gctcagagaa tacaattcat gacaaacaac 180  
aaaaatacag caccagacat agcatttcct atatgtagaa taaaagaaaa taaaataaat 240  
caataaatag acaaagagaa aatcttgaca gaatctggaa tgaaaactac attccttgta 300  
gagaaaaaag agcaaggatt tcagcccact tccagtaaga aaccaggcaa gaaagaagag 360  
agttgcggga aatgttaagg aataaatgca ccaacttaga attctacatc tagcaaaatt 420  
atacttcaaa agcagagggg aaatcagaat ttaccagaca ataaaaact aacggaatat 480  
attgccagaa aactttcctg caaatgtgtt aaaagangtt attcatggag gagaagagtg 540  
atatagatca gaacctgtat ttacaataag aaagcaagta tgttgaaaaa ggaaaaaaa 600  
tgttttatatt ttcttattgn aagggtctttt taaactacat ggtttggtta aaggtaatta 660  
ttaagtaaaa tggttttggg gccaanntnc ccaaaaaaaa aannnnnnnn nnnnnnnnnn 720  
nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaaccttng ggncccttta aaaacttttt 780  
nggggngngn nnttt 795

<210> 2975  
<211> 785  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(785)  
<223> n = A,T,C or G

<400> 2975  
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aaatattcaa tgaatgatag ctgcctctac ttctcctttt gttgttttta ttttccattt 120  
atggngtca tttatttatt ttaatgtctt cgaaagtatt gactttaaca agtactttgt 180  
gatgcattta ttatttcatt tgttattatt tatgtatttg atttatttct ttgtgaggta 240  
ggatanaatc tcantcagat ttttgctgtt aggataccac agactggata actacaaaga 300  
agggaagtct gtttaactcn caattctaga ggctggcgca tctaagagca tgacactggc 360  
aactggcnag gatcatctca tggtggaagg tngaaggagac tacatganat anagagaanc 420  
accatgggct ngactccgct ntgtacaacc aaaccttnan ntnactaacc cgntcntgca 480  
ataatnacat taatccccct atgaagggtc caccctcat gactgattna catntaatta 540  
ggccccacnc tcctaanatt attcacttgg gagnetcaaag ntctaaccac gtnaaccttt 600  
tgnngggata ncattccnaa ccnttncnc nattgntggn cnaaaaagna ccnttaccaa 660  
tccctttacc ctnttngnc ntaacncnt ttannagcgt gananntnna ctgtttcttt 720  
taaaatangg ntncctaaan tnncttggan taaattttaa aattgggant atgnncanan 780  
ctttc 785

<210> 2976  
<211> 802



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(802)  
<223> n = A,T,C or G

<400> 2976  
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gcctgcaccc ccggcagctc cccacactt ttgcgctgggt tccacgactg cctgggcttt 180  
tgccacttgc cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg 240  
tttgggcttg ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc 300  
actcttgctt tggtgagtc ccttccgggg gcgacgacac gacaggacca ggtggagcag 360  
ttcttgggcc ggcaacaagg gccaggcctg cagcacgtgg ggctgtatac gcctaactt 420  
gtggaggcca ctgagggggg ggcaactgct ggaggccagt tcctggctcc ccctggggca 480  
tactaccagc agccaggaaa ggagaggcag atccgagctg cagggcacga gcctcatctg 540  
cttgctcgac aggggatcct gctagatggt gataaaggca agtttctgct tcaggtcttc 600  
acaaagtccc tttttaactt gaggaacact ttctttcctg gaagcttgaa ttcaanaagg 660  
caaggggggg ccaactggct ttttgggtca angggccaac aatcaagaan cnttttgtng 720  
gcaantcccg ttaccangga agccaaatnt tggccaaggg aacccccagg aaaaccctn 780  
aagggattgn cccaagggg ct 802

<210> 2977  
<211> 828  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(828)  
<223> n = A,T,C or G

<400> 2977  
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agngatgcga aagaactnaa gatagaaaac caccattaaa actnaaggan tccnaggcct 180  
annacnctca annagggaca ggaggctgac ctttangctn gtgnggagga agtccctnnn 240  
gccantggct ntgcntggaa aancatcatn aagnagnngc agcncaaggc cttctccant 300  
gaggaatagg ctcaacgtgg gcnctcaggt gngagggnanc atgagcnctc cntagtggga 360  
acatatccct aagngtatga tnatgaatnt cccaggagca ttctgcaggc nnttaaccat 420  
angacnatnn ngctgctnct ntgcgnatât tnnntngna nggancnatc nannctatt 480  
ttgaaacagg tcccngncan ttgaaatttc catccnnaat ttcngtannc aagggtttng 540  
ctcatcctac ncnatnnctg ancagnntna nctattcnga naaggactt acangnccan 600  
cnantancat tgtagnattg cgntatnant ccccttcctt tnttaattnc cctaangnac 660  
tnaanttnna anccnnggtn gataatagca acnntttcga tgtggattta antacccttt 720  
gaattccaat ttttgnttgn nnattnctat acctttanca tgttgaatcc ctnnattaac 780  
aattncttta ntttgggaact tcttaacca ccttcaaatt tttngccg 828

<210> 2978  
<211> 753  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2978

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ccaatgactc	cccccttaat	aaaacaaatt	aacctgaagg	ctgttttgtg	cccctccttg	180
attgtgcatt	cacctcccaa	cccctcgctc	cttgggcaac	tgttatcttt	gttattttgtc	240
attgccttaa	cattagattt	ttttattact	gcttttgtaa	ttctaataat	atcaaagtga	300
aaaaatattt	tgaatgcaac	tcctctttta	atttgctcca	attggtatct	gtatttttta	360
gtccatgcct	gtattataag	tattataaat	actatctgtt	tatacttttg	ctaaagtcca	420
gtgtattngt	taaactgatg	atacagcttc	ataagatttt	angtcagcta	atggattgtc	480
aattttttgn	gtagaatact	taccagggtt	taaattacaa	tttgaaacat	agatatccta	540
tagttngaga	atttgaacat	agatatggat	tatgttgaaa	tcgactgcct	ttntcttagc	600
tatgacagta	ataaactata	tnacaacaaa	aaaaaaaaaa	ctatanaaac	tcgagccttt	660
tagaactata	tgagtcngat	tacgcgatcc	agacntgnta	agatacattg	atgaatttgg	720
ccaaaccaca	acttgggaatg	caanngaaaa	aaa			753

<210> 2979

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 2979

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cggcacgaga	gaggaggagg	aagaggagga	aaatggggat	tctgtagtcc	agaataataa	120
cacttcccag	atgtctcata	agaagggtgg	cccaggcaat	cttagaaccg	gacaacaggt	180
ggaaacaaag	tcacagccac	actccctggc	cacagagacc	agaaacccag	gaggacagga	240
aatgaacaga	acggagctga	acaagtccag	ccacgtggat	tctccaaatt	cggaatgcaa	300
gggtgaggac	gcgaccgatg	accagtttga	aagccccaag	aaaaagttta	aattcaaatt	360
ccctaagaag	caattcgccg	ctctcactca	agccattcgc	accggaacta	aaacagggaa	420
gaagactttg	caagtggtag	tctatgaaga	agaggaagag	gatggcaccc	tgaaacagca	480
catagaagcc	aagcgcttcg	aaatcgctag	gtctcaacct	gaagacaccc	cttgaaaaca	540
cagtgaggan	gcaagagcag	cccagcatcg	aagagtacat	cttccgattt	caaggaactg	600
atgaaattag	aaaaaacacc	ttccngaaca	ttgggatagc	cttggaagca	ggaccatta	660
aacaagcttg	gaaaattcca	attcggtgga	aantgagttc	cccaaaagnc	ccttanttgg	720
atacctcatg	gttcntttcc	aacaggagaa	ttctggttgc	caaggttcat	ttcccaccat	780
tagccccaag	ag					792

<210> 2980

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2980

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gcaatctttc	caaagtggca	gagggccc	cactccctgt	cctactcaat	ggnnngg	180
aaaaactgtg	ggatangata	gagncagct	ggggacacac	agaggaacat	tcacaggaa	240
gggtcccgtct	aggggaaaagg	ccacanance	catectnttg	ccgattcagg	gateccttgg	300
tntaagtggga	ttaaaccgana	gggaggaaan	ctntcatttc	antggctctc	aatcaagtt	360
gaaatattac	tgngaggtat	cccacttnag	cctgaaccag	cagacntacg	anagggtcac	420
tctagagtca	cnaaggaaaag	cangtccenc	ngaagtcaac	acattgatcg	gaagtgnacg	480
ncncagacna	agaatggccn	acttgataat	tacttangac	ntntatttna	ccggangaac	540
atnnaaatac	ttttgtaaat	attcatattg	ntgaaccttt	cataatcagg	aatttactat	600
gtactatact	gtnagtnata	attcgccctat	aatttactta	atctatctcc	ttntangaca	660
tatacnnaaa	tgggntnctn	tggaagttgc	ctngtgcgaa	aatgttttta	aaagtttttc	720
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<210> 2981

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2981

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gcaagctgta	atagcttttt	tgaggggagg	taggtgcttg	ataaagaaca	gtaggtgctg	180
cttatcaaca	gatgaaagga	gggttctttt	tcaggcaacc	atctcatttg	tgagtgaatg	240
gactttctct	ttaaagtgtc	gggattgnta	gtgccatttn	tattgtaaat	atcagaattg	300
ttattcnttg	tcttctacct	aagaattctg	tctcttaggc	tttctcttcc	cagatttccc	360
aaagttggga	aaagctgggt	tgagagggca	aaaggaaana	naaagaattc	tgtctctgac	420
ataattagat	agggaaccan	ttgggaagct	gtaagaataa	tgacaggtgca	aggtgggtggt	480
ggttnagagc	cggttgatag	ctgtggatgt	agaaagaatc	tgaatatatt	gtgtcatagg	540
gntgacctga	tttgctaata	gagtagttaa	ggatgtggna	aagtgggaatc	aagcatggct	600
tcaangtctg	ggcctgaaaa	accgggagaa	tgagtcacat	naactaagac	gggaaagaca	660
atggtagggg	cctgtttagg	gaanactnng	nagaagatta	ncnccctatt	nctaattgatg	720
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<210> 2982

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2982

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ggagaatggc	gtgaaaccag	gaggaggagc	ttgcagttag	ccgagatcgt	gccactgcac	180
tccagcctgg	gtgacagagc	gagactccgt	ctcaaaaaaa	aaaaatctaa	ttatcaaattg	240
catcccattg	tgatagtcct	acattatgtg	acattaacct	atattcctgg	gtccttttta	300
ttcccaacta	ctgctcttag	aggtcttagc	cttttatgtt	aatttttata	aattcaatta	360
aataaatatt	attcccaaatt	cttagtgttt	gcagattagt	tataaatcct	atccaaggta	420
ggttaaaggc	caccgtttta	cagataaata	gtacttttta	tatttttatc	tgaaatagtg	480
catttggttg	gaataaaaaga	aggtatgttt	aaaaatagaa	tcttttgggc	ctggtggtac	540

gcccttgtag	tcctagctac	tccagct	gangtggagg	atctncttga	gaggagt	600
tccagactgc	actggcgctca	cttacttca	gcctgggcca	cagaatgaga	cttgcctntt	660
aaaaaaatat	naaatngact	attttatagt	tgaatgttag	ttagcaagtt	atcatctgag	720
ccttaagtca	aaattaaatc	tttaa				745

<210> 2983  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 2983		
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tgccanaag	cggagggagg	gggtttgggtg gaaattcttt gctatgatgt ctntgtggaa 180
agcggtctgt	catacattca	attgctatta aaaaaaaaaa aaaaaaanca caaaagataa 240
nnctaataa	anaaatnctc	ataaganacn angacctttn aacntnttcn nactggtatt 300
nngtaaatcc	atccttnanc	ananncatnn tnnagttcng accaacaann nntngatnnc 360
cntgnaaaa	ntgnttnatn	agggaaattc agcgatctat tgnttnatng cgancccttt 420
ntgannccaa	taancagggn	aaccacttcc atgggnnttcg tnaaatnctn aaggngctgg 480
nggaannatt	cngagngtct	ncaataactcn gncntagagn tattccatgn cccccagnac 540
ctaaatcttt	ggccctttaa	gcatagggaa tttccccacc ncncttaat gctagccatt 600
ntctgtttca	tncncaa	at tgnacttcc cataaccact tccaaganaa ananttttnc 660
ncggcggaac	tntacttgga	aaaccctnnc gagttcccta angaagaagn ncctaaccctc 720
ccattnaaaa	ttgacgtnc	gattttgntc canccgtttt gancaannng gnaacccttc 780
cggac		785

<210> 2984  
 <211> 798  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(798)  
 <223> n = A,T,C or G

<400> 2984		
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ttatttggtt	tcttattagg	ccgagatgcg ccgcgtgcgg ctgctggaga tggcggaagc 180
gatggatatg	ttctgccaag	ggttggtttg cgcattcaca gttctccgca agaattgatt 240
ggctccaatt	cttggagtgg	tgaagaaaga aaaaagtga actagatttg gtctgatgca 300
nttacagatt	tacaaactgt	gccccaccc tccctgcagac accttccact cctcattctt 360
gagggattag	ggatggaggt	catgcttctg tatcgacttc atgctgacca ggggtcactga 420
gtcccctaaa	gtgagaggaa	tgaactctt gggcttctga gttcaaatga gttctgggg 480
cacctggagt	agcttgaaag	gctgggtattg gtgtaataca ngctgaangt ggaagtgttg 540
gaacctgaag	gacaaacagc	tnaccatcca tttaaataaa taagggccca aaagttacca 600
naaccagtgg	ccacnaagg	gccccagcag aaggaaanaa accnnggtga aggtgccgg 660
ataatnggac	ctcgantgcc	tttttaaaat ctcaannngg tttggccccg ggttccaaat 720
gggttttaac	gnccttgga	atttccagcc nnaagaaaa aacccccnaa ggccaagggt 780
ggaatccntt	aangggcc	798

<210> 2985  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

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<400> 2985
gcaatgcttg gnnanatnnn aggctcttga tcncatcgnt tgatcnaccc catcgnttcg      60
aattcggcac gaggttacct gtgtatgact gaagtacata ttcgttatct gcgtgagaca      120
gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg      180
caaaaaagag aataaaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc      240
agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa      300
tcatgttaca tatgtttaaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc      360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaaactat anaacttagg      420
agagaatctt tgtgatcttg gattaaaca agatttggtta gataagatac agaaagtatg      480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa      540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt      600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc      660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna      720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac              773
```

<210> 2986  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

```
<400> 2986
gcaatgcttg gnnanatnnn aggctcttga tcncatcgnt tgatcnaccc catcgnttcg      60
aattcggcac gaggttacct gtgtatgact gaagtacata ttcgttatct gcgtgagaca      120
gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg      180
caaaaaagag aataaaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc      240
agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa      300
tcatgttaca tatgtttaaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc      360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaaactat anaacttagg      420
agagaatctt tgtgatcttg gattaaaca agatttggtta gataagatac agaaagtatg      480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa      540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt      600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc      660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna      720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac              773
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<210> 2987  
 <211> 851  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(851)  
 <223> n = A,T,C or G

<400> 2987

tcaatnnnta	gggncngggn	tncctntttt	ntgggccagg	gcantacccc	cnattccgcg	60
ttattccgga	aaattttccg	ngacctaccg	tagggntttc	acacctgggn	ggttgatgga	120
accttgga	gcttgcna	atacctgcat	tatcctcgca	gtnggtagta	cangacacca	180
tgatatgtgc	cgacatgagt	cattttacag	cccacttcat	tatatgctat	tgtccagcgt	240
gctggcaaag	actagacata	aaacttgact	cgatctnagt	ncctactgct	ncacttggtg	300
catantcatg	ncggctctgc	natcaagnta	atgcatgagn	accntcact	ccatatnntc	360
nnatancaac	ntggtgcact	gcttcanagg	ctntntatgg	gctaagcaca	aacatgctng	420
aagggaatct	gacgaatgac	tgtttanaat	gggatcgag	tatntaagta	ttagggactg	480
aacctnttag	tgggagtaat	ctttgtgatg	catggatgta	aacagcnaat	ctgggtaata	540
ganacanaag	agtgtgaacc	gcattgtata	aantgtntat	aggttaaact	ttnttatatt	600
cagttttgct	tttcaaaata	tacctttaag	gaaatggctt	gggtaangtg	gctcacacct	660
gtaatcccac	actttnaana	ngcttnangt	gggaangttg	gctttgaggc	taggagttca	720
ngaccagcct	gggcaacctt	nncaagantg	ggcttttaca	caacacnntc	ccacacacac	780
ncnnactnca	nanacacacg	cngnccagg	tancattanc	nanganttgn	nttttttacc	840
ccnncnncn	c					851

<210> 2988  
 <211> 851  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(851)  
 <223> n = A,T,C or G

<400> 2988

tcaatnnnta	gggncngggn	tncctntttt	ntgggccagg	gcantacccc	cnattccgcg	60
ttattccgga	aaattttccg	ngacctaccg	tagggntttc	acacctgggn	ggttgatgga	120
accttgga	gcttgcna	atacctgcat	tatcctcgca	gtnggtagta	cangacacca	180
tgatatgtgc	cgacatgagt	cattttacag	cccacttcat	tatatgctat	tgtccagcgt	240
gctggcaaag	actagacata	aaacttgact	cgatctnagt	ncctactgct	ncacttggtg	300
catantcatg	ncggctctgc	natcaagnta	atgcatgagn	accntcact	ccatatnntc	360
nnatancaac	ntggtgcact	gcttcanagg	ctntntatgg	gctaagcaca	aacatgctng	420
aagggaatct	gacgaatgac	tgtttanaat	gggatcgag	tatntaagta	ttagggactg	480
aacctnttag	tgggagtaat	ctttgtgatg	catggatgta	aacagcnaat	ctgggtaata	540
ganacanaag	agtgtgaacc	gcattgtata	aantgtntat	aggttaaact	ttnttatatt	600
cagttttgct	tttcaaaata	tacctttaag	gaaatggctt	gggtaangtg	gctcacacct	660
gtaatcccac	actttnaana	ngcttnangt	gggaangttg	gctttgaggc	taggagttca	720
ngaccagcct	gggcaacctt	nncaagantg	ggcttttaca	caacacnntc	ccacacacac	780
ncnnactnca	nanacacacg	cngnccagg	tancattanc	nanganttgn	nttttttacc	840
ccnncnncn	c					851

<210> 2989  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

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<400> 2989
gaancttttga tcccttttctn gttttttt caggatccca tgcattcgaa ttggcacga      60
gggcaggcac tggagagcca ggggtggttca gnngcagctc ctctgagcag ggagtcaaac      120
agggctgaaa cagacaccag ctctccagga ccagctgctc caggaatcaa cctctaccct      180
gaaccaggtc cctgaggacc accacgtggc tgcaacacag caggagttca cagtccagag      240
gagaagcccc atgctgaaca gagaatcaca tccgtgagca acacaaaagg tctcaatcaa      300
aaacctctga aagccactgg cctagagtta gaggaagagt tagccatgag aaatgggtgt      360
gacacagggt ccaaaagaag aaacaatagg tatcaggctc agagatgaaa gggctagaag      420
gaggacacac cangttcaag gtctggcctt tctcgagggc agtggggagc catgggagga      480
gcctggacct gtggccttcc tgcttcacct gggcctnaac ccgtnacgac cacctggcct      540
ttgagggtga tctcgtttct catcataaga gctctttcgc tctgtngaa ctgggaantg      600
gccgtcattg gctgcgcata cctaaacttg gtcagggcag aatgattgct agtnaccacg      660
tgaagcagga aaccccgga ttaacttgca gaatgagttg gtgangcttg aaataaatgg      720
tggaacatn gtggcaatct tttta                                           744

```

<210> 2990

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

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<400> 2990
gannnttnn annaatgctn ggctactngt tctntntgca ggatcccatc gattcgaatt      60
cggcacgaga acacttacag cctatatgtt aacttctctc ctgggatata gaaagtatca      120
gcctaacatt gatgtgcaag agtctatcca ttttttggag tctgaattca gtagaggaat      180
ttcagacaat tatactctag cccttataac ttatgcattg tcatcagtgg ggagtcctaa      240
agcgaaggaa gctttgaata tgctgacttg gagagcagaa caagaagggtg gcatgcaatt      300
ctgggtgtca tcagagtcca aactttctga ctccctggcag ccacgctccc tggatattga      360
agttgcagcc tatgcactgc tctcacactt cttacaattt cagacttctg agggaaatccc      420
aattatgagg tggctaagca ggcaaagaaa tagcttgggt ggttttgcatt ctactcagga      480
taccactgtg gctttaaagg ctctgtctga atttgcagcc ctaatgaatc agaaaggaca      540
aatatccaag tgaccgtgac ggggcctagc tcaccaagtc ctgtaaagtt tctgattgac      600
acacacaacc gcttaacttct tcagacagca aaacttgctg tggtagacca atggcagtta      660
atatttncgc aaatgggttt ggatttgcta tttggcactc aatgggtggat ataatgggaa      720
ngcttttggg ncttttaaaa nacaaaa                                           747

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<210> 2991

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

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<400> 2991
ttntttccna atatcangct acttgttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggcatc ctgtccttgg gaacccttct tcattctcca agcctggtca gctgcctgca      120
caggcagagg tgccctcagc ccaggttagc aacactcata gttttgcaa ttaccagtag      180
acactagtgg aaccatctaa ctggaacttc ctctctcctt ccacttattt cctcaaactt      240
gttgctttac actagacaca tgcaaagtga tgttttaaac acacaaaac agatcatgcc      300
aatgagttg cctgtcaaag gctggagggc aggaggaggg cctgggtttg ggttctttcc      360

```

tcccagcctt	tggatggtgc	ggcccc	ttagccccag	cgccagggcc	agctga	420
ggccacagga	aagcactttt	tgatgta	ctaaaagcca	cagtatgtgg	ctgtgcaa	480
aggatcagga	atttanggtg	tgatctcgt	cacgtgtccc	ggcgctgag	gggaaaggaa	540
gcgggcatga	ttgtagacaa	tgagggggtt	ctcttgatgt	aatgaaatgc	aattttatgg	600
tttggtgcaa	aaactctatt	ttccagtaaa	ttaactttat	ttctnaagca	tattttggat	660
ttgccatcaa	gaagcaataa	agcattaaat	ctttaaaaaa	aaaaannnnn	nnnnnnnnnn	720
nnnnnnnnaa	aaaaaacttn	gagccttttt	naactt			756

<210> 2992  
 <211> 824  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(824)  
 <223> n = A,T,C or G

<400> 2992						
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cgnttcgaat	tcggcacgag	gagactccag	gctgagctgg	ctgaccgacc	caatccccct	120
acccgccctc	tgcccgctga	cccgggtggt	agaancccga	aggtaacngt	gggggggagag	180
caaaaaacac	atgaaaaaat	gctcatcatc	actggccatc	agagaaatgc	aaatcaaaac	240
cacaatgaga	taccatctca	caccagttag	aatggcaatc	atagagcttt	tcatttatct	300
gagtgttttc	ctctgcttgt	cgggacttgt	gctttcacga	gctcctgctc	tcatatcagg	360
ggagtgaata	attgaatttg	gatagttttt	tggtttttag	ttggaacact	ccttttcctg	420
tggaacgtct	atagaaaaaa	tgagtcaaac	aganaatatn	caggggaggg	aactctgaat	480
gcttccatgg	ctacatacat	acctgtttct	ttgatttgct	aaaccctaen	ttaaaaggaa	540
agtactgtct	aaaatanggg	agaaaattcc	ctatatattt	acccatcatt	ttgagtnntt	600
tacaattggg	antggtttnn	gtattattaa	attggtcaaa	aaaaggtttn	aaaacaanga	660
cttncnttaa	aatttaagaa	aggggnaaaa	cttttttttt	ttaantggat	tgggaaaata	720
gggggcttta	aataaaaact	ttnaattntc	cttntaactn	cctttttaan	atttttgtna	780
attanaactt	ttgaactgnt	tcaanaant	ttgntncatn	tnct		824

<210> 2993  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2993						
ngnttnnnnn	nnctntgaa	acttnctggc	acttccngta	ngaanccttc	gattcgaatt	60
cggcacgaga	agaattgtac	gactcttatt	gatgagtgc	anttttttct	atagatttga	120
aagtcactac	taatcatgac	tagctgatta	taataattga	gagtaaactt	ttaaaattat	180
taaatatcct	gtgaaagttg	gagcacagta	accattaacc	ctaaatttga	tactatgtcc	240
atatgaattc	agatcataat	agtgtcttat	catgtgaaac	tactaaagga	tgtatagagt	300
taaatattac	gtatccactt	taatgaagaa	taggtattac	acagtaatgg	ttgtttaaaa	360
aaattttttt	tatataatat	cagagtttac	ctgatgtgct	tgggcatgca	tagntgtcaa	420
caatgatttg	ctagttgtac	agttttgtat	gctgatcaga	attatcanaa	gtttgtaaag	480
catcttntct	tttgattcat	acatgaaaca	aaaacaattc	tgtgtattct	cagtgttctg	540
gataaaaaaa	ttttaagtgc	atatactttn	taggaaatat	gacagatgct	tgtcataata	600
caaaaatatn	ttactttttt	attatgctca	ttncatggg	gagaggaaac	ntancccgga	660
aggaaggaag	aatanggatt	ggaaaacatt	tggctactta	cctgcaactc	atccntggac	720



aacangccat gtgcacattt a ccatgc cccatatacc ncatg

765

<210> 2994

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 2994

ctnctntgac	taatgnactg	aacngcaa	at	tccntanna	anccnngcgg	tgcggggnc	tn	60
cagactgtag	aagcagaagg	nnccatnccc		gatgnttngn	ttttggtgcn	aaggaccgnc		120
cnnnntagn	c	nctgtccctg	atatgacgcc	gcaatgccng	angaancnca	cccaanacga		180
cangcttg	tc	nagataagcn	cgcacagga	gcangcagna	ctgctgcagn	tgccgcagcc		240
gcanccaccc		tacaggganc	tgcaacaaaa	tggacaaacc	acancanatg	cngaggagaa		300
tggagcccat		acnataccaa	ataaccatac	ngatatgagg	gaagtggatg	gggatgttga		360
aatcccnct		aatanagcag	ccgtgtannn	gggccatgaa	tctgaaactc	tatcaagngc		420
ctgcancccn		ggtagcganc	tcctagcgnc	atggngctgg	gactcaacan	cangnatatg		480
gaancttaag		cgagaacanc	ancagnggct	ctacanagcc	gtactnagan	atngtatncc		540
acanggangg		cancangtnc	caagcnacaa	ngangtnana	ncngtanacg	ggaannaana		600
anggacactt		ntggccaccn	gggccctatg	angggaaancc	ccngaatacg	gactaaagaa		660
ggnaaacctc		ctaaccanct	tangggcaca	ttaaagccct	ttattcncat	taaaaaggna		720
atnccaaagg		aaatttncaa	cccaagcncc	cggccgngng	naaaat			766

<210> 2995

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2995

cnttttgatt	tcnctttggc	naccncctct	ttntgcagga	tcccatcgat	tcgaattcgg		60
cacgaggaga	atactttata	cttctcagct	ttttttgtat	ttgactgtga	cctggttata		120
ccatttgcca	ctgtgaggct	tagctgtgca	tctgtgaatg	ggagattggt	cttagagatt		180
ggtcatagtt	gtccacctgc	ctcggaact	gcaggtaaa	atgcagcagc	aaagtattta		240
cattcttact	tcagggtgta	tctcctat	ctatcagtc	ttttgaaggc	anagaatggt		300
aatttggaac	aacctgcata	tttattcaaa	ttccagaga	gatgaaactt	tcagaatgct		360
gtgctgcagc	gccccctagt	gccngctgt	actgatagtc	cccagcgtct	cctgaagccg		420
aaagtgggtg	ttcccgag	tccggcgga	gagctgtagc	cagcaggttg	tgcaagtga		480
cattagacat	cttttctcct	tctgccttc	cttgggctga	gatggaggaa	tgtgtcttta		540
ttgctgaagg	caaggtcttt	gttttctct	tagcaggaa	actggttttc	ccacttcgnt		600
aacctttgcc	caaggtttct	caactcaagc	cccctgaggc	cgtagtggcc	ttcacacacc		660
tccagaaggt	aaactgacca	gcttanccaa	caggctatgc	tttaaggang	aaggggtcttt		720
tggttcccat	cctgctgggg	gggggg					746

<210> 2996

<211> 739

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 2996  
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 cccaggctgg tcttgaactc ctcagctttt acttttagctt cccagtgtgt tgggattaca 120  
 ggcattgagcc acaataacct gccaaagtcct tttttttaat caaatgactt attaatcac 180  
 agtttctttt ccagcttttt ttttcatttg ctatcaaaaa ttttgcttag tagtgctttg 240  
 atctgagtta tcaataacag gtaaagtcca ttatggataa taattcaaaa agaagcttat 300  
 taattattag gcctatctga gagtgaagta aagtttagcat tttctttttg tttattttac 360  
 ttattgttta tttgtttaga gacaggtgtc cgctgtgttg cccaagttgg agtgcagtgg 420  
 tgctgtcata actcattgca gtctcaggct ggagtgatcc tcccatctca cctcctgag 480  
 taggtgggat tagcatatgc caccatgcct ggctaattct tttatttttt aatttttttg 540  
 tggagatggg gtcttgccgt gttcangttg gtttcaaact cctggnetca acggcttggc 600  
 ctccaaggtg ctaggattac aggtgtgagc taccatgcc agctgagcat ttttaaaaaa 660  
 tactgggctt tgacatgagt cgttactatt ggatctaacc ttatgactga tatccctaaa 720  
 aatattataa aatttaagg 739

<210> 2997  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 2997  
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 gagcaaccct agcaatagac tgactctact acaaaacaat ttggttattt ctcttactat 120  
 ttctctatta tatctgttga gggaaatgta tcatgagcac aggtattagt cctatgcttt 180  
 taatcggttt agtggtttct ttgtgtctca ttttattcat ttgtaatttt tttaaagact 240  
 ataaaacttc cacagtttct ttagatcatt aagttatatg actctttttc atgggggtca 300  
 gttaacaata cataagaaaa catttgttct aggataatat atgacctaac agtcttttgt 360  
 tagacttaga gatatcaata tgctttctat gtttcaggca tattttatat tcctggaaat 420  
 taaacaatat attttaggac cccataccat gtgctctcag taggacgatc acaaatcagt 480  
 gatcatattc tagtgttctt ttataggaaa tgtaaaccta tgtcattaca ttgttagtac 540  
 aactgacagt gaaatattta aaaaatctnt gtcagccaac aataatcata cttcaaataa 600  
 gccttatgat atgtgatatc acattggtga gtgaattttg gtcaaggcag tanaatggag 660  
 tctaagag gacagtngga caagctgtct gagtttcaat cccagctntg gtactcacta 720  
 ntggngacat ctttgggcca atttactt 748

<210> 2998  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 2998  
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acgagacat	ggtgccagt	gtctagt	ctgttttaac	aagttgttg	gtaatga	120
tatatgtgtg	gtgttaattt	gtttcct	aagtttaa	gaggtagag	tttatgac	180
atgcctgttc	tagtctttt	cttattttt	taattgcct	ttctttttt	taataattt	240
agttcttcat	atgttcagca	tactagtcct	ttgtcaattt	acatgtattg	aatatatata	300
ctctccatt	ctgcggctta	ttgttcatt	cttcatgaac	atttgtaatt	ttaatgtcct	360
atthagacct	ttcctctgtc	tattgtttta	tattttgtat	taaaggagtc	attcattact	420
ccaagatcat	gaagattttt	ttgtatgtaa	tcatgtaatc	ttcttaaaag	ctttatggct	480
tttgcttttt	ttttttttt	ttaagagtct	tggtgtgtct	ccaaagctgg	agtgcantgg	540
cacaatcaca	gctcactgca	gcctcagcct	ccctggccca	agtgaccttc	cacctnacct	600
tctgagctgg	gactatagcc	atgcaccacc	atgccagca	aatttttatt	ttttgaagag	660
cccgattcac	tggggttgcc	cangctgggt	tcnaatgcc	tgggctcaag	tgatcatcct	720
ggcntgggcc	tccaaaggct	nggga				745

<210> 2999

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2999

gtgtntggnt	nactctttgt	cnnttggena	ctctgctctt	tctgcaggta	gcccattgca	60
ttcgaattcg	gcacgagtct	cgatctcctg	acctcgat	ccgccnccct	cgccctcccg	120
gggtgctggg	attacaggcg	tgagccaccg	cgctgggcct	ggatcaaact	tttatccatg	180
cacattggaa	cacaggatta	ctgggtngaa	atcatnctag	ttttgtcatt	tagatacttg	240
tagatgaatc	tattttagca	canggtataa	ataactcggg	aggatcatct	tatcttnttt	300
ncttttgtgc	atntggctat	accacgttta	ggtactaaaa	cagctttgct	tatgttggcc	360
angggaaaac	atggnattct	gtgcgcaaag	ctaattgaten	ncagccctgc	cttgccctct	420
cccttgntta	tggatcattg	aagatgccc	catgttaagg	ctnannctgt	cactgggctg	480
ggtgtaatac	ccgatnnatt	cctgcngcna	ncctctnacc	cgaacatga	anggcactgg	540
gctctattga	gatctcgata	ngatcatcat	tntnaactng	tnttcnactg	agggangtaa	600
acatgatata	tgggtgctgg	tggattgaga	cctcaagcat	caattcaaaa	gtgctggcaa	660
naatatgcac	ttatntnttt	ntgcactctg	gctaagtgt	ngctctgatg	ccantttata	720
agttggnaca	ttctggggaa	aatggttnc	ttttnaa			757

<210> 3000

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 3000

ngctnctnnt	cnngntggct	tncgtgctcc	tgcangagcc	natcgattcn	aattcgacag	60
aggccnacac	tcgnattccc	cgcccttng	cagcnttga	gctctagccg	gggccggagn	120
gggagcggcg	gggcccttgg	agagacgggg	ggcgcaaccc	ggacgacnct	ctgngaccgg	180
ntacggggac	tgcccggtgg	gcgcccggn	ccaggacgag	ctaacagctt	tgettgcct	240
gacgggtggc	accggtgggc	nagaagccng	ancccgcggn	gaaccctngg	ggattgagcc	300
gtcgggtctg	cangagccac	caggnccttt	cgttccggag	gccgaccggg	cccggatgcg	360
ggagccagag	gccagggagg	actacttcgg	aatcatgctc	acatgggtccc	ctntgcacgg	420
agccctctgc	caagccagat	ccttttcttc	atncttggaa	gtctgcagtg	gagagaaatc	480

attctataac	tgaacagctc	gactga	tgggaaaact	gaagtccan	aatntc	540
tgggcctacc	tggttttctc	taaaagta	ttttcaagtc	tggttgcttg	aacacctgt	600
gggacntggg	gatttttttg	aancggnnca	attcettaca	acacntggna	accnnganna	660
accnnttacc	cctttggccc	ctggtnggtn	aannnnnttt	tttcttnccc	ccaaaccnng	720
gnaaaaacct	tnaagggcnn	ttcctggnaa	ttggcccaag	ggggganccc	aattaanctt	780
tttcnnaact	tttttttttc	cccaanggtt	ttcccccttt	taaggggnaa	anngggggnt	840
ngnccttgan	nggttttana					860

<210> 3001

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 3001

ngctnctnnt	cnngntggct	tncgtgctcc	tgcangagcc	natcgattcn	aattcgcacg	60
agggcncacac	tcgnattccc	cggcccttng	cagcmttgga	gctctagccg	gggccggagn	120
gggagcggcg	gggcccttgg	agagacgggg	ggcgcaaccc	ggacgacnct	ctgngaccgg	180
ntacggggac	tgcgcctg	gcgcccggnn	ccaggacgag	ctaacagctt	tgcttcgcct	240
gacggtgggc	accggtgggc	nagaagccng	ancccgcggn	gaaccctnng	ggattgagcc	300
gtcgggtctg	cangagccac	caggnccttt	cgttcgggag	gccgaccggg	cccggatgcg	360
ggagccagag	gccagggagg	actacttcgg	aatcatgctc	acatgggtccc	ctntgcacgg	420
agccctctgc	caagccagat	ccttttcttc	atncttgga	gtctgcagt	gagagaaatc	480
attctataac	tgaacagctc	gtttgactga	tgggaaaact	gaagtccan	agacgatntc	540
tgggcctacc	tggttttctc	tagaaaagta	ttttcaagtc	tggttgcttg	aaccacctgt	600
gggacntggg	gatttttttg	aancggnnca	attcettaca	acacntggna	accnnganna	660
accnnttacc	cctttggccc	ctggtnggtn	aannnnnttt	tttcttnccc	ccaaaccnng	720
gnaaaaacct	tnaagggcnn	ttcctggnaa	ttggcccaag	ggggganccc	aattaanctt	780
tttcnnaact	tttttttttc	cccaanggtt	ttcccccttt	taaggggnaa	anngggggnt	840
ngnccttgan	nggttttana					860

<210> 3002

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3002

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	nccntcgatn	cgaattcggc	60
acgagggcgc	cactcgtatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggctacggg	gactgcgccg	tgggcgcccc	gtaccaggac	gagctaacag	ccttgcttcg	240
cctgacggtg	ggcaccggtg	ggcgagaagc	cggagcccg	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgttcg	gaggccgccc	gggcccggat	360
gcgggagcca	gaggccagg	aggactactt	cggaatcatg	ctcacatggn	cccctctgca	420
cggagccctc	tgccaagcca	gacccctttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgcttcc	tctagaaagn	attttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcatccta	cacactgnaa	caagagatca	taccttggct	660

gnggtagcct tttnttccca a aacta aancatntga atgcccggga c atcttt  
 gaattttttc aaggttccct a aagngg gngcctgggg tnaa

720  
 764

<210> 3003  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 3003  
 agctnccaca nanagctgna ttccganctt nctgcaggag nccntcgatn cgaattcggc 60  
 acgaggccgc cactcgtatc ccccggccct ttncagnntt ggagctctag ccggggccgg 120  
 agtgggagcg gcggggccct tggagagacg gggggcgcaa cccggacgac actctgtgac 180  
 cggctacggg gactgcgccc tgggcgccc gtaccaggac gagctaacag ctttgcttcg 240  
 cctgacgggtg ggcaccgggtg ggcgagaagc cggagcccgc ggagaaccct nggggattga 300  
 gccgncgggt ctgcaggagc caccaggtcc tttcgttccg gaggcgcgcc gggcccgat 360  
 gcgggagcca gaggccaggg aggactactt cggaatcatg ctcacatggn cccctctgca 420  
 cggagccctc tgccaagcca gatccttttc tccatccttg gaagtctgca atggagagaa 480  
 atcattctat aactgaacag ctcgtttgac tgatgggaaa ctgaagtcct agagacgatt 540  
 tctgggccta ncctgctttc tctagaaagn attttcaaag tctgcttgtt gagcaccttg 600  
 tggactggca atntttgacc ggtcatccta cacactgnaa caagagatca taccttggct 660  
 gnggtagcct tttnttccca acagaaacta aancatntga atgcccggga ccatactttt 720  
 gaattttttc aaggttccct aaggaagngg gngcctgggg tnaa 764

<210> 3004  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 3004  
 nntnctnac tnnnttggt acccgttctt tntgcaggat cccatcgatt cgcagataca 60  
 gcctagtgtc cctcagttac acaatagtgt ntncctntt ggtaggacag tctactactg 120  
 agtctctctg gcatgagtcg agctgagatt aggatagggt aatgaccctt cagttttggg 180  
 gaagggacca gagctcgccc agtgagaagc ttccagctcc gtctggccat atccaggctg 240  
 ctgagggtcc tgggctctgt ccttaaacct catcactgac atgaccagc aaacctctc 300  
 aagagggaaa agtccccttg ggtcaaaccac agcttgtgca gttctcgggg acctcctct 360  
 gccatcctgg ggatgctgtg gagaatggag atgcacaggg ggctttgtcc tctcctctgc 420  
 cttttggaga aaatatttca ctcaaggcaa acgcagcctg agggcagcac aggggacccc 480  
 aaggtcact gcgcatttct agtcgcccc aaacgcgttg gttttcctcc tgggtctctc 540  
 gtgggtgect ttgtcattc tcatcctct gttctcatnc agtctgccc gtctgaccgg 600  
 cttccancag catccggcca aaagtctctn ccatgacagc aggaaccacc tnagacaata 660  
 catgatggac angcctgctg ngttccaata gaaccccgan ttaattaanc ccgaccttcc 720  
 ttttanctgg atactggtaa tgacaggggt c 751

<210> 3005  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

<400> 3005  
 gnnnnnnnnnt ntatanatac angctacttg ttcttttttgc aggatcccat cgattcgaat 60  
 tcggcagcag cctcatcagc aagccagtga gaggggtgcct atccgaggat gatattccat 120  
 cacctntgtc agattctgct tactagtcag nccccaggcc caggccactc gcaaggggag 180  
 gacattacag gaggcgtgag tataggtggt gtgatctgtg gggaccgtcg cagaggctgn 240  
 ccancacaag ggggttaaaac ctataaaaact tcgaagttag atttaataat tntcaattac 300  
 taggaaatag ataaaaacaa attttctgtc cttcacanaa cactaaagta tgtattggat 360  
 tttntatccc ccctgaattt tgctgtgtgn gtgcttccca gttgaagcag taattcaggt 420  
 tcattaatgt ttacttcaaa gccgaattgg agncttgact nacacagttc aacgctcttt 480  
 tcagtaacan tntcaaattc ctttacgggt atttnttgcc acataacaca ctatcctaaa 540  
 atgctggggc ttaaagcagn caccactgtg tttgcttacc atgctgnga tcagcattta 600  
 nggctgngct cgngntgggc cgnttttcat gtgaattagc ttcttgggcn ttaacttcgt 660  
 gtgggggtctn gcccntnggt cttgntgggc naacttggga caattcccag ggggaccctt 720  
 tgggaatggn ccttgngaaa ttncgggaaa ccgtggggnt ttncccaan ccaaantttg 780  
 nnaaccagg gg 792

<210> 3006  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 3006  
 cncntnaact cnaaaacttt ccgcccncnn ngcangaccc atcgatncga attcggnacg 60  
 agcctgnntc caggagatat gngcgttttn tcagcagtga tnaaaatcnt gggcaggtgt 120  
 tatngcncctg ttngcntgaa ncacacncac ctacncngcn ggaaacaagc aggntgntgc 180  
 ttacttgctt tccccaggca gaagtggcca gagncggggc ngaaaggatc caccaacanc 240  
 cncnnaatna tgatngcann tgnncnntnn tggnaangnc ancaaaagcn cacttgctgg 300  
 tgaaggtgcg ngangnnggn nncaaacnct ttacncgca nnagaaccna atnctttaac 360  
 gggnacaaat ggggctgctc acgctctgga ccnntccccg gaagactctg aanagnnggc 420  
 tccntttcgg gttgtgact ggtgcttgna gctgccaaac ccnacaaaac tgaaaataca 480  
 gaatggnttc acgtatanag ncacannnca caantgccgg actacagccc ntgancaat 540  
 gnaancactt gcncatatta cntgaacnctg gannacaaac tntgaaaant actctctgnc 600  
 ctgggnggcc atnaattctg ccacctgnag atnccccatt attncttaat aacngaaaac 660  
 agngcttgcc tccgatagtt aangcgggtg ccnctaagcn ttaacgnttc gcaanattnn 720  
 tcagatta 728

<210> 3007  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 3007

gangtgctnt	ntctttttga	gccccatc	gattcgaatt	cggcacgagg	agggagg	60
cgagcatgag	cccccgagcc	gctgtgg	cctcctggat	gaggatggga	gagggccct	120
ccctggggcc	agaggggagg	tccctggagg	cagegctcac	tatggggggc	cctcccctga	180
gaagaaggca	aaaagttcct	ctggggggcag	ctcccttgcc	aagggccggg	ctagcaagaa	240
acagcagctc	ctagccacag	cggcccacaa	ggattctcag	agcatcgccc	gcttcttctg	300
ccgaagggtg	gaaagcccag	ctctgctggc	atcagcccca	gaggcagaag	gtgcctgccc	360
ctcctgtgag	gggggttcagg	gacccccgat	ggccccagag	aagtacacag	gggaggaaga	420
tggagccggg	ggacattcgc	ctgccccctc	ccagactgag	gagtgcctca	gggagaggcc	480
aagcacctgc	ccgcccagag	accagggcac	ccctgaagtc	acccaccct	gcaaaggaca	540
catggaangg	caagcnggct	cgatcccagc	aggagaaccc	agagagccag	cctnaagaag	600
aggcacgccc	cttaaccaa	cccttcgtcg	tancttgagg	tcaaaggcaa	cgtnttcggn	660
cancegaaac	anggcacctt	gnattccaac	ggnttnaaga	accnttnca	ctttccggt	720
tcttggcgtg	ttccttgaag	gaaggttcaa	an			752

<210> 3008

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 3008

gnntcttcga	tcagctcttg	ttctttttgc	aggatcccat	cgattcgtgt	attcagaaga	60
aagcaaggat	agaatgagta	taactcttta	aaatttgagg	gcaaaaattg	ctgtgagttg	120
ccatggagat	aggagcaatg	gatgtccaag	gtctgaggaa	atagaaactg	ttcgaaataa	180
ttgcagagaa	agcttgccaa	cggtgataag	taggtttgtc	tagcagcact	gatgcgtcgt	240
ggaagttgat	ggtcatgaac	atacagtgtg	ataacctatc	tgccctcttg	accttttcta	300
gtagtgctat	gtcatttttg	tactaaggta	ggtgaatttt	ccaagtgttc	ttggaaataa	360
ggaaacatca	agaataatgt	aaaagcctca	tatacaataa	tgaataataa	agaataatgt	420
gaaggcttca	ttcaagggtg	gggtttgcca	gatacattgc	aacaaaatga	cagagcagcc	480
aaggtattta	ggatagtggc	caaagtattg	taatgatggc	ttatggagtg	tcagctggat	540
aaagagtga	aatgaataaa	aactaatgga	ttgttcagtc	gaatagcaga	tggtacaatg	600
gtacatggcc	agtagaatag	gggccaata	aattgaagac	catcagagtg	gagtgataat	660
ccacaagtgg	atgcagggat	cnagccaagt	cgatgacatg	catgttgcta	tgtggacaga	720

<210> 3009

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3009

gnnnttnna	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
aaggaagaaa	atttgggact	ttgttttaaa	agtgggaatac	tatcttctta	aacaacttgt	120
gtttaaaaca	agccccaatc	cacacttgat	cttcttaagc	taggaaaagt	gagctcacac	180
tgagtgtctg	caggatgctc	catgtgcac	attattttgt	ttaattctca	caataactct	240
ctaaatccct	tttgaggata	aggagactgg	ggctgggaga	agttatttca	aggagtaa	300
aaaaaattca	gaccacttg	ggttttatgc	caaaggctct	gtttttacaa	atacacaata	360
ttgttgccca	gttgatga	aacataattt	atgaatttca	ctgaggggaat	ttcgaaaag	420
gaaagaattt	acttttccct	ctaaagcaga	ggcttttcat	atgcaactgt	taaaagacac	480

acgagcttgt	gggtctgatg	ggtctga	gctgttgctg	ttgggagagc	tgggaca	540
ctagcaggaa	gacgtagttt	gttcantg	gccaaggatg	gcgccccgt	aaagcaacca	600
gatccggact	acgcagtgtt	ttccaggctg	gaggtgccct	nctcaactgt	cttacaaagt	660
tcccaaagca	gccacccaaa	tctggctgct	ccttatgcc	aaatggattt	ggcaggaaaa	720
aaggccaatt	gggcaancag	angcccaa				748

<210> 3010  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 3010						
gnttctaattg	ctnggctctc	gttctttntg	caggatccca	tcgattcgct	taggggaagg	60
aaatgaaggt	cagctttggg	tatactagt	taaggtgcc	atgagacatt	cagataaaaa	120
ccagccacca	ggcatatgga	gataacaggg	ctgaacttag	gagaaaagcc	tgggttgaaa	180
cagagattcg	gatatacctca	gtatgaaggt	gatagttgaa	actggggact	ggatgaccga	240
aagagatcac	ccagaacacc	agtacagaga	ggagagagct	gaggatggaa	ttttgggaca	300
taggtgcttc	tacagcacat	ggcaccaacc	tctaataatc	acaccacttg	ctattacatt	360
tgatttttga	aagagtagcc	tgcgcagtaa	tgggaggaaa	ctagattgta	tatgttgatg	420
agcaactaga	aacaaagaag	tgcagggccc	tagttgtaga	ctaattgttt	gaaacatttg	480
gctgtgggct	gggcatggtg	gctcatgcct	atagtcccag	cacttgggga	ggccaaagta	540
gaggatcact	tgaggccaan	agttcaagac	ccctgggcaa	catagcaaag	cccctgtgtc	600
tatttaaata	aattaaatta	aaatanaaat	cagnaaaacc	cacaaggctc	attattcctt	660
ttccaaaaaa	aaggaaaaaa	aaaagttggc	ttgttgaaaa	agnaaagggg	aaaccnaatn	720
gggccaatng	gctttggaag	aatctttngn	aaatggnttg	naaanacttt	ttgttngggg	780

<210> 3011  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 3011						
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gattgtcttg	tggtatggtg	cttcagcatt	ggattcagca	gccagcttcc	tagtacgaag	120
gcaacgatta	cctccacagg	gtcccttcca	ttgtcctcct	gcatcatttt	cctccaactt	180
gaataaatgt	tctaccacc	tttctccttt	attttctcta	ccccctgtac	cccgtccct	240
ctcacaatta	actctacagc	agaatgtgaa	ttctctgatt	ttagaataac	tattttatgg	300
taacttcaaa	tatatcctag	ttgtatccac	attcagcttg	ggtaggtacc	ttcatagtag	360
ctcatggatt	aattgtccac	tgcacccaat	catagtcatt	tttggtttgg	gttgtcatat	420
gctccccaat	agatgaagaa	gagaataact	cttagccgac	ttcatcagca	ggtagggaga	480
gagtctctga	tggagttata	tttcattatt	cctcacaatt	gcatagtgcc	ctcttacctc	540
aaaaaaaaacc	tttcagggtg	ttttcaaagg	aattatttta	ttcctncaca	acaagcctgt	600
gggantcgga	gcaaaaaggca	aaagtgatta	cctgagacat	tagataactc	gcaatatcac	660
cctggttaac	aactgagggg	cccttgggct	ttgancttct	gntttccgaa	tnanggcttt	720
ttcctgncat	cntggcataa	tncaanccat	ggcn			754

<210> 3012



<211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 3012

gnntncnaat	agcnaggcta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggagaaa	gtaaagtccc	tttataatgg	catgtgaacc	agacaattta	gtagccaggg	120
ttgtaaggca	actcttaact	gacaatatag	ttagtatatt	ctgggccttc	atcttcaaaa	180
ttagtaggta	gtattttattg	agtgcataatc	atgtgccagg	cctgggtgctg	agtgccttaca	240
atgatcattt	tatatatggg	aaaattgagg	ctcagcaggg	tcaagtgcct	tgtaagaggt	300
agcactagta	agtaacagtg	ctcaaattca	actaggtctt	tcagcttttt	atacaatact	360
gcctgttatc	agaaagtata	gtcttaaaat	ctgctatcaa	gcacttatca	gaagcctgat	420
gagaaatatt	cagatgatct	aacgcagttc	ccaaacctgc	attgtgggccc	gttttcatta	480
caattaccta	aggtgcttta	aaaattttct	tggggccctac	tcgtttgtggt	tcagcagctg	540
tgtaatggag	caaaaaggaa	tagtcactaa	acagcgaagg	aaagtgggtg	aattattgaa	600
agacctagca	cttacctgct	gggatgagtc	tcttacccca	cagaattgat	ttcaaacaca	660
ggacttattc	aagataagga	taataaccac	tatcttcttg	ggtnggaaaa	aagtacatta	720
gactgngttt	ttaaaaaatt	tggtatgaat	ttc			753

<210> 3013  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3013

gnnnnnnnan	ttntcaagct	acttggtctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagatgac	ttcctagctt	taccgggggt	tttttctgca	ggtggagaag	ggtggagtcc	120
tcccagatgg	ttctttcttt	gtccccctaa	cagcctttta	gatgtggcta	cttgtttttc	180
ccaccgttta	acaccctcca	acttcatttg	gagcacgggt	tcctcaaggg	atcctgagag	240
ctgggtgctg	ggtgctgggt	tggagaggca	ggatgatgct	tctcccggt	ggggagagca	300
gagcaggaag	gctgggtggc	gccatgagga	aagagccacg	aggtttttagc	tcccgaaccg	360
actcgtcagt	agccccctct	ccatgttggt	tttacatttt	tccctcctgg	tctggactac	420
tttagcgcaa	ggagcccagc	cagacacggc	agcaggccgc	attgaccctg	ctccatcgga	480
ccccagcccc	tatctccaag	agacagagga	ggggtcanga	ggcactgctc	atctgtacat	540
actgnttcct	atgacattac	tggatttaag	aaaacaccat	ggagatgaaa	tgcctttgat	600
tttttttttc	tttttgtact	ttggaaccac	aaaatgaanc	agaacttgac	cctgagctta	660
aataacaaaa	ctgngccaac	tactactggg	gatgccta	atgaatccac	gtgtaaccag	720
ttntaatcct	ttatttttaa	aaaaaaaa				748

<210> 3014  
 <211> 835  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(835)

<223> n = A,T,C or G

<400> 3014

tntntctnct	gnactntcgg	gaacttcctc	tttgtgcagg	atcccatcga	ttcgaattcg	60
gcacgagggga	agtacaaatt	aagatcacag	tgantttnc	ttatccactt	gtcacaatgg	120
ctaaaataaa	caatagtggc	aataccaagt	cctgtgaagg	atgtggagaa	atggatcact	180
tatacactgc	tggtgggcat	gtaaaatggt	acaaccagtc	tgaaaagcan	tttggcagtt	240
tnttataaaa	gnnaacatgt	aattatatgc	tgaggtctga	atgtcctcca	aaaattcata	300
tgntgacacc	caaaccctca	aggtganggt	tttaggaggg	taggcccttt	gggagattag	360
cttctgagga	tggagcccca	tgaatgggat	tcatgccctt	ataaaaaaga	anccccagga	420
aacgaccttg	cccttcacca	tgtnatcaag	aatgtgcggn	ctatttacga	naganncctt	480
gcncaaacac	tgaatctgac	gggtgccttg	nctcggggct	ttctgggcct	ctnntaacca	540
tgaggaaana	aatctcannt	gntntataac	caacctancc	naaggatanc	cnggtattaa	600
caggcccccac	antgngctaa	anatggncat	attgaacccc	accagttanc	cacctctttg	660
ggccaattttt	atttntccaag	gggaaaatgg	tnaaaattgg	gggnttnatt	acccaaaaaa	720
acccttgtnn	ccnnnnnaaa	angggttcca	ntanccantn	atnnnaaaan	cccntnnggt	780
tnancccccc	aanaaacttt	tggggaaaac	aaannttnnn	aaaaanggtt	tttnt	835

<210> 3015

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3015

gnatgtgnnn	ancagctctt	gaggatccat	cgattcgaat	tnggcacgag	gggcggccttt	60
ggcctcacgc	ttcggggaga	ctcgcctgtc	ctcatcgctg	ccgtcattcc	agggagccag	120
gccgcggcgg	ctggcctgaa	ggagggcgac	tacattgtgt	cagtgaatgg	gcagccatgc	180
aggtggtgga	gacacgcgga	ggtggtgacg	gagctgaagg	ctgcnggaga	ggcgggcgcc	240
agcctgcagg	tggtgtcgct	gctgccccagc	tctagactgc	ccagcttggg	ggaccgcggg	300
cccgtcctgc	tgggccccag	ggggcttcta	aggagccaga	gggagcatgg	ttgcaagacc	360
ccggcatcca	cgtggggccag	tccccggccc	ctcctnaact	ggagccgaaa	ggcccancag	420
ggcaagactg	gaggctgccc	ccagccctgt	gccccagtga	agccagctcc	gcctcatcct	480
tgaagcacc	aggttgccg	tgagggccag	gatccctgca	cgcctcacc	tggctccaac	540
tggcancaag	caccgagcat	gcccttccca	cccaaaggac	cttcnggcaa	tgccttgtnc	600
cgccttatgc	ttggaagctt	gcctnnggca	ccttgccctg	nccatttaaa	gactggtcan	660
aacctgaaaa	aaaaaaaaan	aaaaacttcg	agaaaaggcc	cnaacattgg	agaatcaaga	720
attntatctt	ggnacttgca	tttgancctc	tttcttaaaa	ttnn		764

<210> 3016

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3016

gttattcttt	cnaaaangnt	gggntactcg	ttctttctnc	aggtagccnn	tcgattcggt	60
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tttgcaaaga	ttaatctanc	agcnacagat	tggaagcaac	accaccattc	ctggtatcag	180

tccacgtana	atatattaca	gn	tact	ggagcaannn	cagtaatatt	an	gagaa	240
ataaaannna	anaatattgc	acaggcagaa	tggggagggtc	ccacngatgg	agc	gatcctt		300
ggcnattgan	gcatgggtgg	cattnatcat	gtnaaacaca	ggatgaggaa	ctgggttngg			360
agtnatggan	nagttcantt	tacgtaattg	caaatacacn	ctattccctg	actagctncn			420
annacttnat	cttnccctatc	ttcttaganc	ttcattatga	agagggtgatg	atagctctta			480
ngntgagagc	tcttacttac	cattgactaa	tacatgttct	cntgatgnaa	ntttgntatt			540
ncaacatcca	tgctaaangg	ggttattnaa	acangnnaac	tctngggccn	gatgaaggnn			600
nancctncat	taactnntca	tgntgnnact	nnatcnaagg	ggccaanttg	tnnccttaaa			660
tttttgtaaa	aatttngcca	atgccnaaaa	catatnaatn	ttcncttgca	natgaaaaan			720
tcncgaancc	cnatttnntn	aaacagaang	gttnntggnn	ggaccttttt	an			772

<210> 3017

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3017

gaangnctct	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	gcgccatgtt	60
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ggaccagggg	ctgaggcagg	cccccccctc	cctcccgcct	cagtggatca	tgcccagggc	180
ggcagcgggc	gcgggttgcg	gggggaagt	actgggcggg	gccggcgccg	gagacgatgc	240
cgtttccagt	tacaacacag	ggatcacaac	aaacacaacc	gncacagaag	cactatggca	300
ttacttctcc	tatcagctta	gcagccccc	aggagactga	ctgcgtactt	acacagaaac	360
taattgagac	attgaaaccc	tttgggggtt	ttgaagagga	agaggaactg	cagcgcagga	420
ttttaatttt	gggaaaacta	aataacctgg	taaaagagt	gatacgagaa	atcagtga	480
gcaagaatct	tccacaatct	gtaattgaaa	atgttggagg	aaaaattttt	acatttggat	540
cttacagatt	aggagtgc	acaaaagggt	ctgatattga	tgccctgtgt	gttgaccaa	600
gacatgttga	tcgaaatgac	cttttcacct	cattctatga	taaagttgaa	atttcnggga	660
agaagttaaa	ggatttaaga	gcttggtgna	agangcattt	cgtaccnagt	tatttaaacc	720
tctggtttga	tggggattag	aagattggat	attttgt			757

<210> 3018

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3018

nctatnactg	antnccnttc	nngctgcagg	atccctcgat	tcgaattcng	cacgagggga	60
cactggattc	tcattctact	caaactccca	ctaggactgt	tggcttggtc	gcttctcaag	120
tgtttgattt	tttctgagtt	aataattttt	ggtgtaattt	acatgtagga	aaatgtacac	180
atttttagtg	tacagttcac	caagcttttg	caagcatgta	tagcctggta	accacaaagc	240
caatggagac	ctagaacatt	cccgtgacc	cagatgctgg	gttctgtgtg	ccttcccagg	300
gcttggtgct	gggcacatca	ggcatggcgg	gtaccatgcc	tgacagctct	gaaccagttg	360
ggcgacctgg	gtctgggagg	tgctgaggga	cccagcacc	tgaggcggtt	tccttttgtc	420
tcatgtagca	gtgcagatgt	ttggaaagtc	acacgtaa	attgaaaaac	tggaaacagg	480
ccangcgtgg	tggtcatgt	ctgtaatccc	agcactttgg	gaggccaagg	tangaggact	540
gcttgaggcc	aggagtttga	gaccagcctt	tggcagcata	gaaagacctt	gnctctacag	600

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aaaatttttaa aactagccag gt gggg gttgcatgcc tgtagtccca gc ttgga
aggctnaagt tggaaggatt gcttgagcct aggaatccaa ggctncaatg agcccatgat
caccaattga ctgc

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660
720
734

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<210> 3019
<211> 795
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(795)
<223> n = A,T,C or G

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<400> 3019
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gcaagatccc tccacctgtc attatgggtgc aaaatgtgag cttcaagtat acaaaagatg      120
ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctcttg      180
tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac      240
ccacagatgg catgatccga aaacactctc atgtcaagat agggcggttac catcagcatt      300
tacaagagca gctggactta gatctctcac ctttgaggta catgatgaag tgctaccag      360
agatcaagga gaaggaagaa atgaggaaga tcattgggcg atacggtctc actgggaggc      420
cactgtagga ggatcaattg agcctagaag ttcaagacca gcctgggcaa agtagggaga      480
ccccttctct acaaatagta ataaaatgaa cgggggcata gtagcatgtg cctgcggtcc      540
ccagctgctc tgataagaag angctcactt tgaccccgagg aagggttgang ctgcagttag      600
ccataaccgt gcccggttac cacttccaag cccttgattg accaggaacc gaanaccact      660
tggncctcna aaaaaaaatt naaaaaaaan ttcannaatt ggcttggaaa aaaaanaaat      720
nnntnnnnnn anaaaaaact ttggggccct tttttnaaac ctntttgggg gaggtccgat      780
tttacntaa nantc

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<210> 3020
<211> 764
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

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<400> 3020
aanccctttg aaaatcccct ttttgcagga tcccatcgat tcgaattcgg cacgagggan      60
ntnaggccan ganacaaagc agcntttgcc agnangagac actcattggn aggnctaatz      120
tcnccctgtg ctgatacaag catgaactnt ntggaatntt ctgctantct gaaattacan      180
cnantngnct ggggtnnngn ngacgcntgg caatggttgt nttnacacac nganttacnc      240
tgaaccncaa cntggacngc acatnacaca catcanactt tcacngngca tctcgaactc      300
ngggttcacc cgatncngaa accntatgct accaagaagt gcgtgncctc taggcacacc      360
tcactattgc cgggcaaatt nntgtgantt cggagctttt gcagaancnn gannnctgca      420
tgaacncaa gctggactca tannaccnga nntcatctga tccgcctgen ngagctccca      480
aagggtgng atnatatggn naagccacnc tgcttatcca aggtcaatnt gaaantnnga      540
ccaacncngg ntngatngcc cnnaaaggct naacgggnac atgccnntaa tgccaaaaac      600
ggtaaanctc tctcancccg ggaacccgga actggnaaac ttgngccgct ttacccaata      660
atgnntccga ataacgttnn ancccaaaaa nngggcccca gccntagggn gaancntgga      720
caagcccaca anttggnaat ggcctnnna aaaaaaatgn tttnn

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<210> 3021
<211> 810

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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(810)  
<223> n = A,T,C or G

<400> 3021  
ngtctntnac ttcgtggctc ctttngaaaa tccccttttg cnggatccca tcgattcgaa 60  
ttacaggcctt gagccactgc accaggccct aagagctctt tnctttctta tcacacagtg 120  
aattaaaata ttttggatct taactatccc atattaagcg atcctttcct caaatgaaag 180  
aaaatactta attagaacat atatgtttta actgatacag taagttgttt gtaagcctct 240  
agaactatag tgagtcgtat tacgtagatc cagacatgat aagatacatt gatgagtttg 300  
gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt tgtgatgcta 360  
ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac aattgcattc 420  
atthttatgtt tcagggttcag ggggaggtgt gggaggtttt ttaattcgcg gccgcggcgc 480  
caatgcattg ggcccgggtac ccagcttttg ntccctttan tgagggttaa ttgcgcgctt 540  
ggcgtaatca tggncatagc tggttcctgn gtgaaaatgn tatcccggtc acaattncac 600  
acaaacatta ccgagccggg gagcnttaaa agtggttaaaa gccctggggg tggccttaaa 660  
ggaggtggag cttaacctca ccaattaaat tggcggttg ngccttcaaa ttggccccgc 720  
ttttccaant ccgggggnaaa accctgnncn tggccaaant tggaatttaa aggnaaatng 780  
ggcccaaang cccccggggg gaanaaggct 810

<210> 3022  
<211> 765  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(765)  
<223> n = A,T,C or G

<400> 3022  
gntnnttcta atgcttgggt acttgttgtt ctttctgcag gatcccatcg attcgctgaa 60  
atgtcaaaca cggccacctt ggcagcattt acaagcaaga gttcactgct tttttgatgt 120  
atatnttaag cgccccagt gaatgaacag catataactc cacataaaaa tcattaaatg 180  
taattgactt ccanagcang cagttctgnt gtatgcctct ggagaaggct ggctgaattg 240  
naattggtct gtaccttctg tctatcatgt acatgagggt tttgggcaaa gagaactttc 300  
cacaaaataa gtccaaaaat tatacgaatc tcagacaacc aatancatat tgatganata 360  
tctccaagat ctanaatnnt nctgngtgtc aaggaantct ttgnggtttt taaaaatatt 420  
gataatgcac tttntataaa atgcactttt tataaaaatg catgctcagt tnagacaact 480  
tggnacacc ctgaaaagg ncnngcgtn tgngtnacgc ctgnaatccn agcnctctgn 540  
gaggccgaga cgggtggatc acnatgtcag gaaaatnga ccatnctggn taacatggng 600  
aaaacnccgt ctctncttaa aatncggana attngcagga tntggtgccg gccncctatn 660  
gtncatttta ctcanaaagg cttgagtnag gaaaatggtg tgaanccctt gaaanangan 720  
nttttcaatn accgggggatn ccnaccnttg aatttnatct gggga 765

<210> 3023  
<211> 757  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(757)

<223> n = A,T,C or G

<400> 3023

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cgagcagatg	gtttttaacg	cctaccaggc	tggggtagga	gcactcaaac	tctccatgaa	120
ggatgtcaca	gtggagaagg	cagagagcct	cgtggatcag	atccaagagc	tctgtgacac	180
ccaggatgaa	gtttctcaga	ctctggctgg	tggggtaaca	aatggcttag	attttgacag	240
tgaagaactg	gagaaggaat	tggacatcct	ccttcaggat	accaccaaag	aacctttgga	300
tctgcctgac	aacccccgca	ataggcattt	taccaacagc	gtgcctaacc	ctaggatctc	360
agatgctgaa	cttgaagctg	aacttgagaa	actgtcctta	tcagagggag	gtttgggtccc	420
aagcagtaaa	tctccaaaaa	ggcaattgga	accgactcta	aagccattgt	aggaccctca	480
agtgaaggac	cctcatgtaa	aagagagacc	aggcctgctg	ggtgtgtaca	tagntattta	540
aacaagaaac	tctcagaatg	tgtttggaag	angagaaagg	agaaccactg	attttatctg	600
gatgctacta	cttactacag	gacagatnga	atctcttgga	accgatgctt	caaangcttg	660
gttccactg	natcatggac	ctgccttntn	atctttatag	gggccnccaa	tttatacagt	720
cctgtggctg	acctgncatt	tcatanctg	cagttct			757

<210> 3024

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3024

ntaatccaan	aaccttggtg	aagcctttgn	annnccnate	ggcaggaccc	atcgattcga	60
attcggcacg	aggacccagg	tagaccagct	caagagttca	tggtctttgt	catcctcctg	120
tgagctctct	gtaagtctct	ttcttgccca	tcaccacatc	cctagtactg	ggtatcagtc	180
tggccacttg	gctttctggt	ttgccccaat	gtggtctatt	cttgatgcag	ctaccaaagt	240
aatgttttaa	aaccattata	ccaagttact	atccttgctc	aaacccccag	taactgccaa	300
tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	ataaactggc	cactgcctat	360
gcagcaacct	catctttacc	gtttcctgcc	ttgctcactc	ccttccagcg	ccgttattct	420
tctgatgcc	cctagtacac	aacaactnct	tcctgctcca	agagtaggaa	aattactgnt	480
ctctctgcca	gtgagattcc	tcttctggta	ttacctttgc	ttcattgctg	aatcttctcc	540
aatatcatct	tctaaaaaga	gcctttttaa	atcacctttt	ctattatgcc	ctactcaatt	600
tccagtcctt	gaatgcccat	tccccacttc	atagcactta	ttgctatctg	aaattcacta	660
aatgncacct	tcatganggt	aggcaattta	atgncttggc	actggtatgt	ctanagacaa	720
gcactggcta	tagtaggcac	tcaacaaata	tt			752

<210> 3025

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3025

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agcgattga	cttcaccctt	tccgagcgca	ttaccagtct	tgctgtctcc	agcaatcagc	180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaatgagc	240

ccaaccacgt	ggagctggga	cg	gatg	acgcaaaagt	tcacaagatg	tt	gacc	300
atactggctc	tcacctgctg	attgcctga	gcagcacgga	ggctctctac	gtgaaccac			360
ttgagaaggc	tgctctctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac			420
gttgacggga	gtagagtagc	gctgttgcc	aggaggtgtc	agggtgtgagt	gtattctgcc			480
agcttttcat	gctgttcttc	agagctgcag	ttatgccaga	ccatcagcct	gcctcccagt			540
agaggccctt	cacctggaga	aagtcagaaa	tctgacccaa	ttcaccctct	gcctctagca			600
cctcttctgt	cctgtcattc	ccacacacgt	tcctgttcac	ctcgagagag	agagagagag			660
agcacctttc	tttctgtctg	tcacttttgc	gggctntgga	atnccagctc	ttctctntca			720
gaagaagcct	tctcttcttc	tgcttctgag	gtgtncctaa	agt				763

<210> 3026  
 <211> 933  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(933)  
 <223> n = A,T,C or G

<400> 3026								
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taggccgaaa	aaccgggtgg	ggaggggtgg	ggagccggag	ctctgtggcg	gggctggagg			180
gctgggggtg	acttttagttt	ggggcgggac	gggagccgcc	gttgtgactg	gcgtgggtctg			240
gctgctgctc	ccgaacggag	gggtcagnnt	tggtctgctg	ggccctcaga	gcccagtggg			300
tggtcttgac	tcggctccct	actccctgca	cccagctggg	cgcaccttgg	ggcctgcgggt			360
ctgaatgtat	ccctccctn	agttttaacc	tgagctgccg	aacgcacagt	gggcncgggg			420
gcnaagctgt	gnggaaaccg	gggcccaatt	acggatcccn	ggaagttaca	ggtgccnacg			480
tgatgtcnct	ttntcttggg	gcccaactta	ccttacttgg	tcttgaanac	ttagcttctt			540
nggggggtag	gcccgnnggc	ccnccaaaa	aanncttggg	nnncccggt	ttccaaccn			600
ttggccccgg	tgcccttgnt	ttganttatt	gangccctg	gnnttggnc	aaataaancc			660
ccccttgggt	tntggggggg	aaaggnaatt	tttngggccc	caaccnccn	tttgaaaaa			720
aancccccg	gaangggnaa	aaaaccgggg	nccnntttnt	tgcccccttgg	gggttttttt			780
nccngggaaa	aaaaaccccc	nnttttaatt	ggggnttttt	gggggtccccg	tttccaanaa			840
aacacccttt	gggtttttaa	agggggggga	attgngccn	ttnaaacccg	ggcccaaanc			900
cnntaagnaa	tttccnnaac	ccgcttttaa	nnn					933

<210> 3027  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 3027								
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tcatectect	gtgagctctc	tgtaagtctc	tntcttgccc	atcaccacat	ccctagtact			180
gggtatcagt	ctggccactt	ggctttctgg	tttgcccaaa	tgtggtctat	tcttgatgca			240
gctaccaaag	taatgttnta	aaaccattat	accaagttac	tatecttgtc	aaaaccccc			300
gtaactgcca	atctcaacta	gaataaaaatc	cggactcctg	tgaagcacag	nataaactgg			360
cactgcctat	gcagcaacct	catctttacc	gtttctgcct	tgetcactcc	cttcagcgcc			420
ggatattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa			480

tnactgtctc	tctgccagtg	agctct	tctggtatta	cctntgcttc	atgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	accttttcta	ttatgcccta	600
ctcantttcc	agtccttgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatgggc	accttcacga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3028

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3028

nttnagcnta	nnagccgttg	tantgaagcc	cntttgctac	ttgctctttt	tgcaggatcc	60
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tcatectect	gtgagctctc	tgtaagtctc	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggctttctgg	tttgccccaa	tgtggtctat	tcttgatgca	240
gctaccaaag	taatgttnta	aaaccattat	accaagtta	tatccttgct	aaaacccccca	300
gtaactgcca	atctcactta	gaataaaaatc	cggactcctg	tgaagcacag	nataaaactgg	360
cactgcctat	gcagcaacct	catctttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
ggtattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	accttttcta	ttatgcccta	600
ctcantttcc	agtccttgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatgggc	accttcacga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3029

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3029

nttnagcnta	nnagccgttg	tantgaagcc	cntttgctac	ttgctctttt	tgcaggatcc	60
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tcatectect	gtgagctctc	tgtaagtctc	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggctttctgg	tttgccccaa	tgtggtctat	tcttgatgca	240
gctaccaaag	taatgttnta	aaaccattat	accaagtta	tatccttgct	aaaacccccca	300
gtaactgcca	atctcactta	gaataaaaatc	cggactcctg	tgaagcacag	nataaaactgg	360
cactgcctat	gcagcaacct	catctttacc	gtttctgcct	tgctcactcc	cttcagcgcc	420
ggtattcttc	ctgatgcccc	tagtacacaa	caactccttc	ctgctccaag	agtaggaaaa	480
tnactgtctc	tctgccagtg	agattcctct	tctggtatta	cctntgcttc	attgctgaat	540
cttctgcaat	atcatcttct	aaaaagagcc	tttnaaaatc	accttttcta	ttatgcccta	600
ctcantttcc	agtccttgaa	tggccattcc	ccactttcat	agccacttaa	ttgctatctg	660
aaattacact	taaaatgggc	accttcacga	tgggaaggca	attaattgcc	tttgtcactg	720
gtatgtctag	agaacaagca	gnttggctca	tagtaggcac	tcaacaaaaa	ttt	773

<210> 3030



<211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

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caaaaattgt ttacagggct ggacagcata ttgctattga aaaatagcta ttaggagacc      180
ttgcacaatt tgtgaaacat tgttaggctc attgtactgt gtaaaatcag gaaagaatTT      240
gggaacatac tgatacaaca aaaagatagg ttgtcaaacc ctcaacttnac cagaaaagcta      300
aattaaccag ataagtcttt ctgaaagttt tagtgtctta gtttgttcct gcgctgtaac      360
agaatacctt agactgggta acctataaat aataggaatt tatttctcac agttttggag      420
gctggcaaat gcaagatcca ggtgctggta cgttcagtggt ctggcaaggg cggctttctg      480
gtccaagatg gtgccttttt ttctgcatct tccataggga atgaacactc cttatggtag      540
aagggatgga aggaccaggc tttttttttt ttttggatac agcaggatct tgctctgtcg      600
cccagcctgg aatgcaatgg ctgattaagg tcaactgnagc ctcaatctcc cacttttcag      660
cgatcatcca ccttancttc ttggatagct gggaccgcag cacantaca tgccctgntta      720
attattttgt aaaaccgggt ttncgtgtgc n                                         751
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<210> 3031  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

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<400> 3031
ntaatccaan aaccttggtg aagcctttgn annnccnate ggcaggaccc atcgattcga      60
attcggcacg aggaccagg tagaccagct caagagttca tgttctttgt catcctcctg      120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc      180
tggccacttg gctttctggt ttgccccaat gtggtctatt cttgatgcag ctaccaaagt      240
aatgttttaa aaccattata ccaagttact atccttgtca aaacccccag taactgccaa      300
tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat      360
gcagcaacct catctttacc gtttctgccc ttgctcactc ccttcacagc cgttattct      420
tcctgatgcc cctagtacac aacaactnct tcctgctcca agagtaggaa aattactgnt      480
ctctctgcca gtgagattcc tcttctggta ttacctttgc ttcatgctg aatcttctcc      540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt      600
tccagtcctt gaatgcccac tccccacttc atagcactta ttgctatctg aaattcacta      660
aatgncacct tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa      720
gcactggcta tagtaggcac tcaacaaata tt                                         752
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<210> 3032  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)

<223> n = A,T,C or G

<400> 3032

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ttgcccttgt	ccagacctat	tttctgcttg	cgtttttgaa	acaggagggtg	cacgtaccac	180
ccaattatct	atggcagcat	gcatgtatag	gccgaactat	tatcagctct	gatgtttcag	240
agagaagacc	tcagaaaccg	aaagaaaacc	accaccctcc	tattgtgtct	gaagtttcac	300
gtgtgtttat	gaaatctaata	gggaaatgga	tcacacgatt	tctttaaggg	aattaaaaaa	360
aataaaagaa	ttacggcttt	tacagcaaca	atacgattat	cttataggaa	aaaaaaaaatc	420
attgtaaagt	atcaagacaa	tacgagtaaa	tgaaaaggct	gttaaagtag	atgacatcat	480
gtgttagcct	gttcctaata	ccctagaatt	gtaatgtgtg	ggatataaat	tagtttttat	540
tattctctta	aaaatcaaag	atgatctcta	tcactttgcc	acctgtttga	tgtgcantgg	600
aaactgggta	agccagttgt	tcactttcgt	ttccaaatnt	aaaggatagc	tggtaggat	660
attttggtca	tatttgtaaa	tttttgaaat	gcttagtaat	gtgttttcac	cacaagtatt	720
tggtgcaaac	ttaatgncat	ttccttaana	agggtacagc	tatgtaat		768

<210> 3033

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3033

cacngaatcg	atntnacctt	tggtcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atncggcacg	aggacnnagg	nagaccanct	caaggagttc	ntgttctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttntctg	attgccccaa	tgtgggtctat	ncttgatgca	240
gctgccaaag	taatgtnta	aaaccattat	accaagtnnc	tatnctngtc	anaaccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttctctgat	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccnttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtntc	gnncttan	gaaccaagn	780
aacttnggct	tnanaagtaa	ggcnccntca	acccaaatnt	tct		823

<210> 3034

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3034

cacngaatcg	atntnacctt	tggtcangcc	ttttngaagg	accccatcga	tacgagccca	60
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tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180

gggtatcagt	ctggccactt	ggctctgg	attgccccaa	tgtggtctat	nccttgca	240
gctgccaaag	taatgtnta	aaaccattat	accaagtnnc	tatnctngtc	anaaccccca	300
gtaactgcc	atctcacttn	naatnaaate	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttcctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccnttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcacccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtnct	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncntca	accaaatant	tct		823

<210> 3035

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3035

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tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttntctg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgtnta	aaaccattat	accaagtnnc	tatnctngtc	anaaccccca	300
gtaactgcc	atctcacttn	naatnaaate	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gccnttgatt	cttcctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccnttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcacccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtnct	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncntca	accaaatant	tct		823

<210> 3036

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3036

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tcagttgtct	gtcagggttg	aattaagaag	ctactgggtt	attcccaatt	gttgatgcct	180
ttaggatatg	tggaaatctt	ttttttgcct	aggagggggc	agttgaaaat	ctgtgactca	240
agaggcagtg	aacagaatac	tgttttctgg	ggaaaaattg	gttggtact	tgatgttaat	300
tatggcacag	taacaggaaa	aggttggtgc	tgtgttttta	agtttttctt	tattctgctt	360
ttttgctgct	ataagagttt	tctgaaat	ataattttaa	cttttcatgc	actttactgt	420
ttctagtctc	aaaatgtgat	atttttaata	aacaagaaat	ttccattat	gtgaatgaaa	480

ttttaaaaga	caatagccta	ta	tgtc	tcactaatat	ataaagtata	gg	at	ttt	540
aaattattta	attagtttta	aataacacaa	tttgtctcct	ctttcaaacc	tgacatcttc				600
gggctgtttt	attagtctaa	atgatgcatt	tacttttgtc	at	tttatgct	aattctttca			660
tagtaaataa	tcaggctata	taaggtaata	tttccccana	nggtaatttt	aatgggacna				720
nggttggtgg	gatgatgtca	tatcatacat	ggggattgcc						760

<210> 3037  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

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ccgcactcgg	ccaggagcta	gttttatcag	catcctgtct	cactgccttc	ctctagtgtca			180
gcctggaaga	catggcagcg	ggtagctcct	ggggctgagc	cagaagcatc	actgcagtga			240
aagtctctgc	ttacctgtct	ggctcagctt	gggcaagggc	tgggccatat	gtgctcaggg			300
acgtgcttct	cttgtaaggc	aggaggatag	aagaggacca	agaagggagg	gagctgccct			360
gtggtgcaca	caggcctgcc	atggggcggt	ggagcccatc	ccgctgcctg	accggagctg			420
gctgctgtgg	tggactcagg	aaccactttt	aatactgcaa	ctgctccctt	ttgcccagtc			480
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agaagtgttct	ctgcttcagc	tgtgcttgaa	gtggcatgcc	tnctctgctg	canggctccc			600
ccaacccccca	cacggnctta	aagatgttaa	tttctttata	gactggatta	aagtcagcca			660
ttcttttttcc	tcaaaaaaaaa	aaaaaaaaaaa	cttgagcctn	tanaactata	tgagtctgtat			720
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<210> 3038  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 3038								
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ctgcagtang	aaaggccaaa	ctgacgacaa	aaaaaaaaatt	ctttataaag	atgatatggg			180
aacatgtatc	tttgccctgg	gtctgggtgg	gtccagtcag	tctcagattt	acaagcattt			240
aggagcctag	gtaaaagctg	ctagtattct	tttaaaagtt	atatttatga	cttgcaatga			300
tagaaaactc	cttccaatta	aatggcattt	tataatatta	tgtgtgtact	tcacagtgtt			360
aaaaataccc	tcatacggtta	ttgcatttga	tcttcacaga	aagtgcattt	taaccagtac			420
tctgggtgca	ataaataata	tgtagaaatt	taagtcctcc	aattccagca	tatccagtga			480
gttttgacag	tgtgtttatg	tggaaatgtt	aaggatatac	aattgtactt	tatataaatt			540
ggttcttggt	cttcttaaat	gtgacatgaa	ataattgnrc	tgctacatta	tactggaaat			600
taacagggga	aaagggaaga	gcttcttggc	tcccttgagg	tctgctantg	gggtgttaggg			660
agtggttaca	actgaacttt	tantaacctat	ttaaccgtat	gtaaacttgg	tttctaatta			720
aaaaaaaaattc	ctttttccaa	aaaaaaaaana	nntnaccn	ntttttantc	nnnnnnanct			780
nanannt								787

<210> 3039  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 3039	
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attcggcacg aggacccagg tagaccagct caagagttca tgttctttgt catcctcctg	120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc	180
tggccacttg gctttctggt ttgcccacat gtggtctatt cttgatgcag ctaccaaagt	240
aatgttttaa aaccattata ccaagttact atccttgcga aaacccccag taactgccaa	300
tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat	360
gcagcaacct catctttacc gtttcctgcc ttgctcactc ccttcacagc cgttattct	420
tctgatgcc cctagtacac aacaactnct tctgctcca agagtaggaa aattactgnt	480
ctctctgcca gtgagattcc tcttctggta ttacctttgc ttcattgctg aatcttctcc	540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt	600
tccagtccct gaatgcccat tccccacttc atagcactta ttgctatctg aaattcacta	660
aatgncacct tcatganggt aggcgaattta atgncttggc actgggatgt ctanagacaa	720
gcactggcta tagtaggcac tcaacaaata tt	752

<210> 3040  
 <211> 811  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(811)  
 <223> n = A,T,C or G

<400> 3040	
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atcggtggagc ctgagatcct cctgatggg gaccatgact tgaagcgctg ncagtatgtg	180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna	240
aggcaccttg ctgaagccca acatggtnac cccaggccat gcttgcactc anaagttttc	300
tcatgangag attgccatgg cgaccgtcac ancgtctgnc cgcacagngc cccccgctgt	360
cactgggatc accttcctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa	420
tgccattaac aagtgcccn tgctgaancc ntgnnccctg accttcttct actgncgagc	480
nctgcangcc tctgcnctga acgcctgngg cggnaataag gagaacctga agctgctcac	540
gaagaatntg tcaagcgaac cctgncnaac agcentgcct ggcaaggaaa gtncacttnc	600
gagccggtta ggctagggct tgctgcaacc gaagtcccct ctttggtntt ctaaccatcg	660
ccttttttaa nncggaaggg tgtttcccca aggattgccc cccaanaact ttnaagnctt	720
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aaaccttggg cttaganccc nggctttttt t	811

<210> 3041  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 3041  
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 cgctaacaag cgattctaaa ccacctatga gtattttcttt tagggctcac ttaaatacat 120  
 gtttgtatat actgtattct agccagaata atttttagatc tgatcaggta gtagctaaaa 180  
 ttagaaaaaa acaaaataga tgcttaaaga atttgcattc atttttgagt ctaaatcttt 240  
 taaaatatac tgagatccac atctagtga atgtcagtggt caaaatatta tagattatag 300  
 ctaaaatcca gattaatact catttggggt tttttatagt ggaacttcat agtaatacaa 360  
 aaagcagatt gtcttctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc 420  
 agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt 480  
 caacacattg attgaacact ctggcaaaga tgctgtggtg gatgangttg gagttcgaaa 540  
 agaagaagca agcgctggcc tgccctgaaa gaacccgaaa gtctttccca ttcacttctc 600  
 tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt 660  
 ctgntctcnt agaacttaga aatgggttcta agagaacaga agttatngag aacagttcnt 720  
 gtggaattca acatcttggg tgggacncat tggcttt 757

<210> 3042  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

<400> 3042  
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 gccccactcg ggggtatgtga atgcccnttt tgantaagga agtgcccatc ttcacaaagn 120  
 agcgcatgtga cttcaccctt tccgagcgca ttaccagtct tgncgtctcc agcaatcagc 180  
 tgtgcatgag cctgggcaag gatacactgc tccgcatgtga cttgggcaag gcaaagtgc 240  
 ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300  
 atactggctc tcacctgctg attgccctga gcagcacgga ngtcctctac gggaaccac 360  
 ttgagaaggc tgccctcctag gctctgctca gtcattctgc aattgccaca ctgtgaccac 420  
 gntgacggga gtagagtagc gctgtnggcc angagggtgc aagtgtgagt gaattctgcc 480  
 agcttctcat gctgnnttca nantgcagt tatgccagac catcagcctg cctncagnag 540  
 aggcccttca cctggagaag tcagaaatct gacccaattt ccacccctg gnetcnagca 600  
 cctcttctgn ccctggcatt cccccacna cgnnctggt tnaccctcga gaagagaaga 660  
 nanaagagaa gcaccctnnc tttccgactg gtaaanntct ggcgggcctt ttggaaancc 720  
 canctcctnt tntctcagaa ggaagccnt nttcttccct cctggnetga aaggtgtnc 780  
 aaaaaanc 788

<210> 3043  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

<400> 3043  
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gccccactcg	gggtatgtga	at	nttt	tgantaagga	agtgcccatc	tt	aagn	120
agcgcattga	cttcacccct	tccgagcgca	ttaccagtct	tgncgtctcc	agcaatcagc			180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaatgagc			240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc			300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ngtcctctac	gggaacccac			360
ttgagaaggc	tgcctcctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac			420
gntgacggga	gtagagtagc	gctgtnggcc	angagggtgc	aagtgtgagt	gaattctgcc			480
agcttctcat	gctgnnttca	nanctgcagt	tatgccagac	catcagcctg	cctncagnag			540
aggcccttca	cctgggagaag	tcagaaatct	gacccaattt	ccacccctg	gnctcnagca			600
cctcttctgn	ccctggcatt	ccccacnca	cgnnccctgt	tnaccctcga	gaagagaaga			660
nanaagagaa	gcaccctnnc	tttccgactg	gtaaanntct	ggcgggcctt	ttggaaancc			720
canctcctnt	tntctcagaa	ggaagccnnt	nttcttccct	cctggnctga	aagggtgncc			780
aaaaaanc								788

<210> 3044

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 3044

gngacctann	gntngaaacg	cncctctctgc	aggatcccat	cgattcgaat	tcggcacgag	60
gtttcattta	agaagaatga	gctagataaa	tgtgctcttc	tggttacccc	accctgacng	120
agtgcatttt	tacacggnta	gcaggggttg	agactgcagc	ctggcctgcc	agccattgga	180
ggtgtttaag	gaagggcaga	taatgtgact	ctttgcgggg	tgccatctgc	ttacccatta	240
ncgagcagag	ggggtntntg	cggggtgacc	cnagcatatn	tctaggttac	ttatgggcag	300
atttgtaagt	gacaatactc	cagctgatgc	tgggaatggg	gagagggccc	ttgagggact	360
ttgtgntncn	gtgcttctg	tttcctggcc	aacccccagg	gtcaacttng	tcttgatgc	420
ccaancttgg	gcactaatgt	ctgncacctg	actatgtnaa	antgtntaaa	tgattcctct	480
antttnggna	tgagatcttc	caatccanag	gaancccnnc	tttggacttg	ccttgggtta	540
aatcttgcat	ancntaaagt	ggttngatga	agttcatctg	aagaaattta	nggcccaacn	600
tnnaanccct	tnccccattc	ntgcttccct	tttgaaactt	ggcttctggg	gaaactcnng	660
ccagaagtnc	ttngggacac	cannccnttt	tngggggntc	tcaaggncgt	tcccnttngg	720
nctgtnnccc	aaagncnnaa	nngantcnng	tngcntnnat	tnggaaggaa	ttnctggntn	780
cctangttgn	ntnnattncn	aaac				804

<210> 3045

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3045

cngtctaaac	cnttggctac	ttgctctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaggag	aatcacttga	accctgnagg	tggcggttgc	agtgagcnca	gatcatgcca	120
ctgcactcca	gcctgggcaa	caaaacgaga	cttcgtctca	aaaaaaaaaa	acntagaatt	180
tggatecttt	ggtcgggttc	tcccaaattc	ttttgagggtg	tccatgggtca	actgcttcag	240
ctttgttttg	gcaacccctt	gcccgaagtc	gcataataggc	tgttcttcac	cttgtttcca	300
aggctgagga	acagaaagta	gcctctgttt	tgaggagggtg	gaagttaagt	atacatttat	360

tttttactgt	gacttgtcag	ga	at	tacaaaatgc	cttgtttcct	tc	nttc	420
tggaagagg	aagttctatt	aata	ttgntt	tactttgaat	atagaatagt	ttt	ctaatt	480
agggcttatt	ttgaaaaatc	tgag	tttaat	tcaa	atgttt	gcca	atacct	540
ggtaatat	agagacag	gtt	gtgaaca	agat	ggctta	aaaga	aattc	600
cacattcnaa	agattcctta	tta	atgaatg	tctttgcctt	aaa	atcta	ac	660
cacattttatc	ctttgggcat	tttt	cattat	atagnggtaa	caag	ctttag	ntgccaacca	720
aattaaaatc	cttaagcttt	ttaaaa	aaaaa	aaaaa	aaaaa	actc	nggcc	774

<210> 3046  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 3046								
cttnnntt	gt	nctntnt	ctt	tcaa	atcgct	nggctact	tg	60
cgattc	ggga	agaggat	gac	tggg	tatgct	gtgccacc	cct	120
tgtggag	ctt	ggccttt	gac	ccgag	tggc	agcg	cctggc	180
ctgtgc	gtat	ctggc	gtcag	tatct	accag	gcaat	gaaca	240
ctgacccc	ag	ttgga	aatgt	atct	gtactt	tgtcc	ggctt	300
acattg	cttg	gtgtc	agctg	acag	gggctc	tggcc	acagc	360
gcgtg	tttca	ggaggat	ccc	aact	cggatc	cacag	cagcc	420
acttgc	atca	ggccc	attcc	cagg	atgtca	actgt	gtggc	480
ggctact	ggc	ctcct	gcagt	gat	gatggg	aggt	ggcctt	540
aaggc	ctctt	gagct	acctc	gact	ttggac	agag	taatga	600
aagaan	ttta	cca	cccc	ctg	aang	accaag	aagg	660
ttggg	ctcac	ttttt	cttta	aaact	ttggg	taga	aatgc	720
ccttccc	gnc	ttttg	acatg	aagg	ccttaa	gtaaa	agaac	779

<210> 3047  
 <211> 767  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

<400> 3047								
tncttt	gatg	ccatt	gctct	tg	ttcttnt	gcaggat	ccc	60
cacacg	gaat	cgct	gtgcat	ccg	acagagg	ctgatt	ggca	120
agctca	aaaca	ccgtc	agcag	cg	ttgccctt	ggaa	atggga	180
gtctgt	ctctt	gattt	acaga	gtag	ctacat	tcctag	gaaa	240
accatg	ttac	ccagg	ctggt	ctcaa	actcc	aggc	ctcaag	300
cacagac	ggc	ttctg	caggt	ttgg	taatct	acagt	acact	360
gagtc	atcat	ggact	tattt	gacc	actttt	tatg	catgct	420
ttaag	agatt	catct	gctag	ttatta	agta	aagaa	atatc	480
gctcac	acct	gtaat	cccag	catt	ttggga	ggcca	agggtg	540
ngagt	tcgag	accag	cctac	caac	atgggtg	aa	ccccg	600
attag	cccgg	tgtag	tgggt	ccac	gctgt	agt	cccag	660
taaga	aattgc	tttga	accca	gga	agttgga	ngtt	ggangt	720
acttca	ncct	gga	acagant	gag	acacttg	tn	cncaaaa	767



<210> 3048  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

```

<400> 3048
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cgaattcggc acgaggcagg gagttgcttg ggtggccgct aacnccaggc tactcttatt      120
ttagcttgct aagttgagat cagctagacc tgctttcttt tctcctcagt cttgcatttc      180
cctcaataca agctgtagcc tctttcctcg tttctagtct cagaaggaag gagagggaag      240
ccattctcct ctaggggactc ttcagtctca ttttagatgat agtccctttt tttctacctc      300
catattagag atggagctcc ttccttttcc tgtttcttaa tttttgtctt ctcattcctg      360
cttccctctc accctattgc cagttccacc aactagagtg aaagacttcc tagccatttc      420
attaaatcta ttctgtatcc accaggtggc agcatcttgt catacgtgtc aggacttagg      480
actgcggggg ttaggttana tgtcacggaa aaagctagtt ctgtggtcag gcggcaccaa      540
tgagaaagga atgcagaccc ttcagatgta tccttgggaa aagcagtaaa ccaactaata      600
tttattgaag gacctacttt gtccctacat agggnanctt ctgtcagga atcntgggtt      660
cttnccaaga aacactgatt ttctttcang gagacttcat ggggtcattt atttccccac      720
agcagaattt aagaaattat tatatggaat attggatatc tataaagagc      770
  
```

<210> 3049  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

```

<400> 3049
gcngnctacn gaaacccttg gctactngnt ctttntgcag gatcccatcg attcgaattc      60
ggcacgaggg aaccatgaga accgaagcta gaattgctat tgaattactt tttttctctt      120
tcccttattg ggtagagata catcattact ggcctcaggg gtttacccaa agaaagggta      180
tttttgagca aataatgtga tttcctggct attttggttg gggcttaaga tttttttttt      240
tcaaatgcat ttttagtcac taaaaattaa ctgtcgtacc atctagaact atactgtcca      300
gtaccatagc ctctagccgt atgtagctat ttgtattaag attaattgaa attttaaadc      360
cagttcctca gtcacactag ccactttcta agtgctcagt agctctgtgt gaccagcggc      420
tactgtattg gatattatag aagggtcctt cattcaagat catcattctt gacagaccca      480
taaataattt ctataaagac tgtagaagtg tgttctggaa gggtttgctc tccaaaaaga      540
attgtaatat agagtagaat tgggatagag tattgaagac actgggttta gacattggat      600
attttaatga ttngngtttc taattcatgt gctgccactg agttatctag tgatatgacc      660
tactgcttg accaaaagcc cggaatagaa ggcaggattc ctggaatcta tcttaaaaat      720
ttgcaatgga anaacctttt ccctaaatta tcccattatg gtaan      765
  
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<210> 3050  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(815)  
 <223> n = A,T,C or G

<400> 3050  
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 cggcacgagg ctagactcaa gctgtctgga gagtgtgaaa caaaagtgtg tgaagagttg 120  
 taactgtgtg actgagcttg atggccaagt tgaaaatctt catttggatc tgtgctgcct 180  
 tgctggtaac caggaagacc ttagtaagga ctctctaggt cctaccaa at caagcaaaat 240  
 tgaaggagct ggtaccagta tctcagagcc tccgntcct atcagtccgt atgcttcaga 300  
 aagctgtgga acgctacctc ttncctttgag accttgtgga gaagggctctg aaatggtagg 360  
 caaagagaat agttccccag agaataaaaa ctggttgttg gccatggcag ccaaacngaa 420  
 ngctgagaat ccatctccac gaagtcctgc atcccagaca cccaattcca ggagacagag 480  
 cggaaagaca ttgncaagcc cggcaccatc acgcccagct tcatgaggaa aatctgcaca 540  
 tacttccata naaagtccca ggangacttt ctgtgggtcct gaacactcaa ccagaattat 600  
 angattctaa tctgagttga gttactgagc ttttgggtccc acttaaaaca aagcttgaag 660  
 cttntggtn cacttaaaaa ccanggaatg aaaananttc ccaagaagtn ggacttcttn 720  
 ttaactnctt gggncntttt tangaaaang cttgcccntt tttcaaattt tttangccaa 780  
 aaantcnttt tttcaaacc ctttgaaaat ngccc 815

<210> 3051  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 3051  
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 cctggcaaga atccanagt gaaaaacnac aattctagac agagagcagt cactggatca 120  
 ggcagtcact tgtgtgattt gaagctagaa ggtccaccgg aggcaa atgc agatcctctt 180  
 ggtgttttga taaacagtga ttctgagctt gataaggagg agaaaacaca acattctgtg 240  
 ataccaagg aagtgcacc agccctatgc tctaataatga gtagctatgg cngtctttca 300  
 gggtcagaga gtgagccaga agaaactccc atcaagactg aagcagacgt tttggcngaa 360  
 aaccangttc ttgatagcag tgctcctaan agtccaagtc aagatgttaa agcaactgtt 420  
 agaaattttt cagaagccaa gagtgagaac cgaaagaaaa gctttgaaaa acaaacccta 480  
 ngaggaaana agatttcaca actatcaaac gttattcgaa ccangaacac accatccata 540  
 tctcttgga atgcttctag cttccggaca ttcgacatga aaagaaatgt gatttgcant 600  
 gtggccggtt cctcatcaaa aaagactttt tggctggatc tattctgcga aagtaagatg 660  
 ttagctctgg ggtaacttct actgaanntg tgaacattct cctntttgtn gagga 716

<210> 3052  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 3052  
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 ttgntctttt tgcaggatcc catcgattcg gccgccgggg cgcaatgcga gcggtggng 120  
 taggcttggg ggactgtcac tgccacctct ccgccccgga ctttgaccgc gatttggatg 180

atgtgttggg	gaaagccaag	aa	aatg	ttgtggccct	tgtggcagtt	gc	catt	240
caggagaatt	tgaaaagatt	atg	actttt	cagaaaggta	taatgggttt	gtc	gccat	300
gcttgggtgt	tcattccagtt	caaggacttc	caccagaaga	ccaaagaagt	gtcacactaa			360
aggatttggg	tgtagctttg	cccattattg	agaattataa	ggatcggttg	ttggcaattg			420
gagagggttg	actagatttc	tccccagat	ttgctggcac	tggatgaacag	aaggaagagc			480
aaagacaagt	cctaatacaga	catatccagt	tagccaaaag	actaaatttg	cctgtaaatg			540
tgcactcacg	ctctgctgga	agacctacca	tcaacctttt	acaagagcaa	ggtgctgana			600
aggtagctgt	gcatgcattt	gatggtccgg	ncatctgtag	ccatggaagg	agtnagaanc			660
tgggtacttc	ttctcaattt	ccccttctat	cataagaaat	ggacagcang	aaacttgtga			720
aacaattgnc	tttacttcta	tatgcttaga	aacagatcac	ctgactagga	cnanaaaaca			780
ggtcc								785

<210> 3053

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3053

gtnnnnnncan	tnattcccn	nanaaaacct	ttggctactt	gctctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggtttcacat	ttgctgccat	gagcaaagan	gaggtcgaca	120
ggtacaattt	tgtgatgctg	gccctgtcct	cctcattcct	ggtgttatcc	tatctcttga	180
cccgttgggtg	tggcagcgtg	ggcttcatct	tggccaactg	ctttaacatg	ggcattcgga	240
tcacgcagag	cctttgcttc	atccaccgct	actaccgaag	gagccccac	aggccccctgg	300
ctggcctgca	cctatcgcca	gtcctgctcg	ggacatttgc	cctcagtggg	ggggttactg	360
ctgtttcgga	ggtattcctc	tgtgtgagc	agggctggcc	agccagactg	gcacacattg	420
ctgtggggggc	cttctgtctg	ggagcaactc	tcgggacagc	attcctcaca	gagaccaagc	480
tgatccattt	ctcaggactc	agttagggtg	gccagacgc	actgacaaaa	tgacatgact	540
tcaggggaagc	ctggacaccc	gangcacctg	gaccaactat	gggtaagttc	ttgtgggtgg	600
aacancattc	tgtgtaagaa	cccacttgan	ggcnttttgc	aaaccggaat	tgacaggnaa	660
ccccagaana	ttaaggcacc	acaaaagtgc	ccccttgcac	gaaaacacct	tgtgaaccat	720
ttcnaantct	tgaaatgccc	ggggggggaa	gtttcaattt	tttaaggga	agaaccaaaa	780
gcccccttnt						790

<210> 3054

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3054

gnntgntttt	nnntctttga	tcccttcttt	caaatcnttt	ggctacttgt	tctttttgca	60
ggatcccatc	gattcgaatt	cggcacgagg	ggtgttggag	cagattntag	ttgatccaca	120
gcaaagagca	tcaccaaagc	cattccagga	ggaactagat	ccaccacttc	ctctgctggg	180
catgctccaa	aaatggttgt	ggcttccaga	gaggactcca	aaagaaagca	caaaaactag	240
acagtgggag	ggcataccca	aaagccctga	gtttctgaaa	aaatattgaa	agtttctatg	300
gtgaaatagg	aagttaatgt	gcttaggaag	aaaaaagtgg	taatgattca	aggaaacata	360
atcacacacg	gttttagttt	taatggacat	gggaggagcc	ataaaagtag	tctatctatc	420
atcagttaca	tatctaata	actgtctatc	tgggataccc	tatcctgttt	taatctgagt	480

gactctctct	cagctgagag	agacag	actccatttt	agcctcttca	ctgtcc	540
ccttatcccc	cttccttaag	ggataacta	gtgcaagctg	actccaagca	catcaggaa	600
tgcacttact	gataaagata	ttgangcaag	ttgtaccagc	agctcctggg	gacgtgctca	660
ntggatggtg	ccaagccct	gcatttatct	ctttgngata	gtntaaaccc	ctgcacctgg	720
aactgtgatt	tttctgtact	atctctgtac	cctnaatttt	ttttactttt		770

<210> 3055

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3055

tncttgaanc	cctttgctac	ttgtttcttt	tgcaggatcc	catcgattcg	cgtctgtaat	60
cccagctgct	tgggaggctg	aggcaggaga	ntcacttgaa	ccctggagggt	ggcggttgca	120
gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	ttcgtctcaa	180
aaaaaaaaac	cntagaattt	ggatcctttg	gtcgggttct	cccaaattct	tttgagggtgt	240
ccatgggtcaa	ctgcttcagc	tttgttttgg	caacccctcg	cccgaagtcg	catataggct	300
gttcttccacc	ttgtttccaa	ggctgaggaa	cagaaagtag	cctctgtttt	gaggagggtg	360
aagttaagta	tacattttatt	ttttactgtg	acttgttcag	gaccacattt	tacaaaatgc	420
cttgttttct	tcattgnttc	tggaaaggaa	agttctatta	atattgtttt	actttgaata	480
tagaatagtt	tttttaatta	gggcttattt	tgaaaaattc	tgagtttaat	tcaaattgtat	540
gccaatacct	tccaaagtaa	ggnaatatcc	agagacagtt	gttgtgatca	gaatggctta	600
gagaaatttc	tggaaatttc	acattcgaag	attccctatt	aatgaaatgn	ctttgacctt	660
aaaattttacc	caaaaacttg	caaccattaa	ttcntttgga	ccatttttca	ttatatagng	720
gttaaacaag	ctttagtgtc	caaaccaaat	taaaattcct	taaagctaaa	aaaaaaaaaa	780
aant						784

<210> 3056

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3056

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taacacacat	cacagtatgc	tctcagaaat	ttctttattt	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
ccttttttct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tggaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gagggttgct	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttggngaaat	ttggggatg	779

<210> 3057  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 3057  
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 gattacagct gtgagccacc gtgcctggct gagatgactt ttaaaaaaag acttctctaa 180  
 agtagaagga aggggtggaat tgtatgcaca agaagaaaaa aacctggaag aaaaacatac 240  
 taaagaggct ggagtgcaat ggcgcgatct tggctaccgc aacctccgcc tcccgggttc 300  
 aagtgattct cctgcctnag cctcccaggt agctgggatt acaagcatgg gccaccacgc 360  
 ctggctaatt tgtattttta gtagagacgg agtttctcca tgttggtcag gctggctctcg 420  
 aactaccgac ctccaggtgat ccaccacct cggcctccac agtgctggga ttacaagcat 480  
 gaaccaccgn gcccggnctc ctgttccagt tttctataat ctggtcatat tatattctgg 540  
 gtatatgtgg gtgggtgat tatccatgtg gtcttatttt cacattcttt gcattaacta 600  
 taatgactta atgttttaag ataagtttca tttcttcaaa agatgtatgt ncaatacctg 660  
 ggtatcaggt aacaatctta aaaaaactta ttcattttaa aattaacctt taaaattagc 720  
 cattccaatt naacattaag ganggttngn agga 754

<210> 3058  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 3058  
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 gatgggattt cccacggttg ccaggtctgg tctcctgagc tcaaagcaat ccagattgct 120  
 gggattacag ctgtgagcca ccgtgcctgg ctgagatgac ttttaaaaaa agacttctct 180  
 aaagtagaag gaagggtgga attgtatgca caagaagaaa aaaacctgga agaaaaacat 240  
 actaaagagg ctggagtgc atggcgcgat cttggctcac cgcaacctcc gcctcccggg 300  
 ttcaagtgat tctcctgcct cagcctccca ggtagctggg attacaagca tgggccacca 360  
 cgcctggcta attttgtatt tttagtagag acggagtctc tccatgttgg tcaggctggg 420  
 ctgcgaactac cgacctcagg tgatccaccc acctcggcct cccacagtgc tgggattaca 480  
 agcatgagcc accgcgcccg gcctcctggt ccagtcttct ataactctgt catattatat 540  
 tctgggtata tgtgggtggg gtgattatcc atgtggtctt attttcacat tctttgcatt 600  
 aactataatg acttaatggt taagataagt ttcattctac aaagatgtat gtacaatacc 660  
 tggatcagg taacaatctt aaaaaaact aattcattta aaaataaaca ttaaaattag 720  
 ccaatccaat taaccntaaa gacagtttgt ganga 755

<210> 3059  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)... (755)

<223> n = A,T,C or G

<400> 3059

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gatgggattt	ccccacgttg	cccaggctgg	tctcctgagc	tcaaagcaat	ccagattgct	120
gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaaggggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgca	atggcgcgat	cttggtcac	cgcaacctcc	gcctcccg	300
ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tgggccacca	360
cgcttggtta	atthttgtatt	tttagtagag	acggagtttc	tccatgttgg	tcaggctggt	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgccc	gcctcctggt	ccagttttct	ataatctgtt	catattatat	540
tctgggtata	tgtgggtggt	gtgattatcc	atgtggtctt	atthttcacat	tctttgcatt	600
aactataatg	acttaatggt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taaccntaaa	gacagtttgt	ganga			755

<210> 3060

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (744)

<223> n = A,T,C or G

<400> 3060

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aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aaccctatac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180
aataaaaagg	atcttaccac	ctttatcatg	aggggtggctt	tgctctctcc	attccaagtt	240
gttctctggt	ctagaaagca	gatgtagtag	acatctactg	tttttgccct	aacagaatcc	300
ctttttcctt	tttttggtta	aagtactcat	ccctaataat	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattattt	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctctt	ctttggtggt	ggcatatgga	480
ccctgagaga	aagaacttta	atthtttctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gagggttgcc	acaatcggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaan	nnnnnnaaaa	aaactcgagc	ctntagaact	atgtgatcga	660
ttcgtagatc	cagaatgata	gatcattgtg	agtttgga	accacactng	atgcagtga	720
aaaatcttat	tgngaattgn	gatn				744

<210> 3061

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (744)

<223> n = A,T,C or G

<400> 3061

ctttnaatcc	cttgcaactcg	tcttntgnag	gaccttatcg	attcgaattc	ggcacgagat	60
aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aaccctatac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180

aataaaaagg	atcttaccac	ct	catg	aggggtggctt	tgctctctcc	at	agtt	240
gttctctgtt	ctagaaagca	gatg	tagtag	acatctactg	tttttgcta	aac	aatcc	300
ctttttcctt	tttttgtaa	aagtactcat	ccctaataatt	acattgttct	ggaaggactg			360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattattt	cattcctcag			420
caaacggaga	tccatccgaa	aagtggaaat	atgagctctt	ctttgggtgtt	ggcatatgga			480
ccctgagaga	aagaacttta	at	ttttttctc	ttggactgca	ataaagtata	gctgcctaaa		540
ataccgtttc	ctgacacttg	gaggtttgcc	acaatcgggtg	aaataaaggc	aagacgtaac			600
actggatgaa	aaaaaaaaan	nnnnnnnaaaa	aaactcgagc	ctntagaact	atgtgatcga			660
ttcgtagatc	cagaatgata	gatcattgtg	agtttgagaca	accacactng	atgcagtga			720
aaaatcttat	tgngaattgn	gatn						744

<210> 3062

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 3062

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caccccaggc	tggggcccag	attgtgaggt	ctgtgtgcat	gtgtgtgtgt	atgtgtgtgt	180
gcatgcgtgt	gtgtgttgtg	gggatctggc	ctggcccttg	gggatggggc	tgctggggac	240
tgccccctt	cccgccgtgg	ccaggcgctc	tgtgtgctgt	gtgtgcccc	ggctctgttg	300
accccgctca	ggaactaact	taccagctt	ggctctctct	gagtcctcca	ccctggcctg	360
ggattggcca	gggagcaggg	cgggcatttg	gaccagtgtg	gagcctgagg	gtgcctgccc	420
tgctctggag	ggagggccag	gagctgccac	acccccaa	cctctcagg	cccaccctcc	480
tttttcagcc	tctgcataag	gcccctgggt	acactgcaga	agccccatcc	ttcccgcttc	540
gggcataagg	cccctgacca	cacttcagaa	gccccatccc	ccctgcaccg	ggcgatccct	600
gctgtnagcc	gaactntctg	cccgtgcc	tgtgtcgtgt	ttgggtgnaga	cctgatgtct	660
gtntgtgtcc	aaacgggctc	aagagcctca	caatctgggt	agctgaccca	gtacgtgt	718

<210> 3063

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3063

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ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tgctctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaata	tacattgttc	tgggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttgactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcgg	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaact	cgagcctttt	aaaactatta	660

gtgagtcgna ttaccgtana t	acat ggatangatn cattgatgaa gt	acca	720
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<210> 3064  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 3064		
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tatgggtggg cgacaggttg atacagtctt agaaaaagca ggtaatatca aagtattgga		180
aagctagcat gcatgccctc ttacctgggt atcttcccc ttttttcctt ttaaactctt		240
gagcctcta taacgaagga ttatgtgttt caaacctttt ttttttactg tttcattaag		300
tgtgcttggt cccaaaatat ttacttgtat aatatctgta cttgcttaaa tacttcagca		360
aagtacgcat atttactcat tcaacaaata tttgagccag gcattatttt agacacagca		420
gtgaacaaaa caaaaaggca ttcttgcctt catggagctt acattcttat tggattttaa		480
atctaaatgt tataaaacaa gaatttatat tctaggggtg atcagctagt atttaaatcaa		540
aaangccaca ctcccatagc agctctctaa gctgtagtag ctaataaaaa atattaatgg		600
tggccgggca cagtgcctnac gcctattaat cccagcactt tgggangcca aggtggtaga		660
tcacttgagg tcaaaagtgt gacccagcct ggccaacctg gtgaacccta tctctttaaa		720
aatccaaaaa aatccaaaaa aattacttgg gctg		754

<210> 3065  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 3065		
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ttgatcaatg accatttttg ctcagcatgg agaaacagtg ccctgcatga agggtagtga		180
gaataaaaag gatcttacca cctttatcat gaggggtggct ttgctctctc cattccaagt		240
tgttctctgt tctagaaagc agatgtagta gacatctact gtttttgcct aaacagaatc		300
cctttttcct ttttttgta aaagtactca tccctaatat tacattgttc tggaaggact		360
gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt tcattcctca		420
gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttgggtg ttgcatatgg		480
accctgagag aaagaacttt aattttttct cttggactgc aataaagtat agctgcctaa		540
aatacgtttc ctgacacttg gaggtttgtc cacaatcggg gaaataaagg caagacgtaa		600
caactggatg aaaaaaaaaa nnnnnnnnaa aaaaaaaact cgagcctttt aaaactatta		660
gtgagtcgna ttaccgtana tcccggacat ggatangatn cattgatgaa gtttggacca		720
aaccccccaac ttggaatgcn ntgnaaaaaa atgctttaat ttgnggaaat ttggggatg		779

<210> 3066  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3066  
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 gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg 180  
 agaataaaaa ggatcttacc acctttatca tgaggggtggc tttgctctct ccattccaag 240  
 ttgttctctg ttctagaaaag cagatgtagt agacatctac tgtttttgcc taaacagaat 300  
 ccctttttcc tttttttgtt aaaagtactc atccctaata ttacattggt ctggaaggac 360  
 tgaaaataac agaactcagc accatgatcg gaccgggaca atcagattat ttcattcctc 420  
 agcaaacgga gatcgatccg aaaagtggaa atatgagctc ttcttttggt ttggcatatg 480  
 gaccctgaga gaaagaactt taattttttc tcttggactg caataaagta tagctgccta 540  
 aaatacgttt cctgacactt ggaggtttgt ccacaatcgg tgaaataaag gcaagacgta 600  
 accctggatg aaaaaaaaaa nnnnnnaana aaaaaactcg agcctntaaa ctatagttag 660  
 tcgattcgta gatccagaca tgatagatcc ttgatgagtt tggacaacca cactngatgc 720  
 atgnaaaaat cttattgnga attgggag 748

<210> 3067  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

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 gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg 180  
 agaataaaaa ggatcttacc acctttatca tgaggggtggc tttgctctct ccattccaag 240  
 ttgttctctg ttctagaaaag cagatgtagt agacatctac tgtttttgcc taaacagaat 300  
 ccctttttcc tttttttgtt aaaagtactc atccctaata ttacattggt ctggaaggac 360  
 tgaaaataac agaactcagc accatgatcg gaccgggaca atcagattat ttcattcctc 420  
 agcaaacgga gatcgatccg aaaagtggaa atatgagctc ttcttttggt ttggcatatg 480  
 gaccctgaga gaaagaactt taattttttc tcttggactg caataaagta tagctgccta 540  
 aaatacgttt cctgacactt ggaggtttgt ccacaatcgg tgaaataaag gcaagacgta 600  
 accctggatg aaaaaaaaaa nnnnnnaana aaaaaactcg agcctntaaa ctatagttag 660  
 tcgattcgta gatccagaca tgatagatcc ttgatgagtt tggacaacca cactngatgc 720  
 atgnaaaaat cttattgnga attgggag 748

<210> 3068  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3068  
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gttgatcaat	gaccattttt	gcttagcatg	gagaaacagt	gccttgcag	aaggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	300
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttgggt	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggactg	caataaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggtttg	ccacaatcgg	tgaaataaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggaacaacca	cactngatgc	720
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<210> 3069

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3069

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aatacgtgta	cacttgactg	tgaagtggct	gtgagagtgg	gtggagagtt	cttctttgac	180
cctcagcctg	cggatgcctc	tagaaacctc	gtgttgattg	caggaggagt	cggaattaac	240
cctctgcttt	ccatcctgcg	gcacgcagca	gatctcctca	gagagcaggc	aaacaaaaga	300
aatggatatg	agataggaac	aataaaacta	ttctacagtg	caaaaaatac	cagcgaactc	360
ctgtttaaga	aaaatatcct	tgatttagta	aatgaatttc	ctgagaagat	tgcatgcagt	420
ttgcatgtta	caaacagac	tacacaaatc	aatgcggaac	tcaagccata	catnacggaa	480
ggaagaataa	cggagaagga	gataagagat	catatttcaa	aagagacttt	gttctatatt	540
tgtggccacc	ttcaatgaca	gactttttct	ccaagcaact	ggaaaacaac	catgtcccaa	600
agaacacatt	tgctttgaga	agtggtggtg	ggaggcagac	aaaggcagaa	aaaattaaga	660
ggtgagatct	actcaggaga	gctcaaaann	aaaaaaaaaa	aaactnggac	ctntagaact	720
atagttagtc	gtnttccgta	gatccagaca	tgataa			756

<210> 3070

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3070

gnnttnnaan	ttaacagctc	tcgtnccttt	tgcnatccc	atnnattcga	attcggcacg	60
agtgatgcct	tagtcacttg	gccacacagt	tttggtgtt	acgagtcag	ggaattgctt	120
gtcttactct	gactgctaaa	gttctgtcct	attgtctttt	catgtaatag	caacatgact	180
ctgatgacaa	agcccaacta	attacacaac	ttaatttaat	agtttaaagc	gcaaagggca	240
ttccctgagc	agtaaaatct	tttgtttgga	aattttaaaa	caaattatat	tttactttat	300
gttttatatt	taccntaata	agtatttaca	agaacacaat	tttctcaaga	tttaaactgc	360
tcattgttcc	ataaatagga	cacacattta	gaaagaggat	ttttttttaa	aggaatattt	420
tagtgattac	ttctggctaa	aaacatgaaa	ctcttttagt	gcttgatgtt	actggaaact	480

tgctctagat	tatTTTTtga	atgctg	ngagggtaaa	aatagaaatg	tttcccc	540
aattattgct	ttgaattaaa	atttctgtgc	tgggtgaaat	ttcctctggc	ttatcgcatg	600
accaggctgg	tagaaaatgt	ttcacctaaa	tcctcttatt	tttggtaaaa	cattcataat	660
nccaaacctt	aatagtttgg	naaggcatgt	gataattggg	aatcccnctn	ctgtcctcan	720
tttataaatt	cccctgacaa	cagccctgct	taanaatatc	acctacttct	ggttggattt	780
cttnccgn						788

<210> 3071  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 3071						
ctttnaatcc	cttgcaactcg	tcttntgnag	gaccttatcg	attcgaattc	ggcacgagat	60
aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aacctatac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagtgag	180
aataaaaagg	atcttaccac	ctttatcatg	aggggtggctt	tgctctctcc	attccaagtt	240
gttctctgtt	ctagaaagca	gatgtagtag	acatctactg	tttttgccct	aacagaatcc	300
ctttttcctt	tttttgtaa	aagtactcat	ccctaataat	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattatct	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctctt	ctttggtggt	ggcatatgga	480
ccctgagaga	aagaacttta	atTTTTtctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gaggtttgcc	acaatcgggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaan	nnnnnnnaaa	aaactcgagc	ctntagaact	atgtgatcga	660
ttcgtagatc	cagaatgata	gatcattgtg	agtttggaca	accacactng	atgcagtgaa	720
aaaatcttat	tgngaattgn	gatn				744

<210> 3072  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 3072						
cactganctn	ctatccttct	tcnttgcagg	atccnatcga	ttcgaattcg	gcacgagatc	60
ctgtcgggtat	tccttggtat	ctgantnaaa	taccaaatag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcac	acactaatta	caaaatacaa	gttctggaaa	180
aaatattttt	cttcatttta	aaactttttt	aactaataat	ggctttgaaa	gaagaggctt	240
aattttggggg	tggtactaa	aatcaaaaaga	aatgattgac	ttgagggtct	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctggt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatngtgcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccg	actagatctt	gngaacatgg	atcttagagt	480
cactttggaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggtaaa	540
ggacncgtat	gtaggggccc	tacctactgn	cagttggggt	cangnaaatg	ggattgactt	600
tggncttaag	ntccttggtc	ataatttttt	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgnccctt	ggaatgtaga	720
atttggnnnt	nggnttnctt	aattctgctt	ggtnaaaggg	gncagttn		768

<210> 3073  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

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<400> 3073
tcnctcctna aatcggttggc gctctcttgc aggatccctc gattcgaatt cggcacgagc      60
tctcaaataag aaatggggaga taagaaatat atctgtgcaa tattaaattg aaaaaaaaaa      120
cccataaaaa gtgtcaaagg caaataattt gctctagatc acaaaactag ttagcacaag      180
gctaggatta taaccagggg ctaggaaaaa atcctgaagg tgatttaact gagtgttagg      240
ccctgtcaag ccacctgcta aggctcatgg tctttcagac tagcttcaac attccaaatc      300
aggcaatagc tacaacggaa agataattgg acggggaatc ctgagatcag agtcctagtt      360
tggctttgtc tcttgttagc ggatttttta aatcaggggc agctctcttc tcccatccca      420
gccatgaatc tttcaacctt agtggtcacc aacttgactc cattccttat atcaagcctt      480
gtcctgtcaa ttctccctta aatgttagtt gcatccattt ctaaataatat ccatggccat      540
caccctagta aaaagactat tacctcacac cccgcacttg atcttcccc aactttaagt      600
gactcagttc cttatatcac tgccacaaga attaacaccc atgtccatct tttcattttc      660
tgctgaaaga ttttcagtggt tcccacttg aatnccaaat aaagttcgaa tcccttanaa      720
tggcattcac agccttntac ttctggnecc acttttatnt      760
```

<210> 3074  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

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<400> 3074
ntttataant ntnatncctt nctcttgntc tttttgcagg atccctcgat tcgaattcgg      60
cacgaggaac aagcacagcc caagccagat gtacagcaca cacagcatcc catggtggcc      120
aaagacaggg agcttcctac cttaatggca cagccccgcg aaactgtagt acaggtgctt      180
gcagtgaaaa ccacgcagca gctccctaaa ctgcagcagg ctccgaacca accaaaaatc      240
tacgtgcaac cccaaacccc ccagagccaa atgtcgctcc cagcttcttc agagaaacag      300
acggcaagcc aggtggagca gcccaattata acccaaggat cctctgttac aaagataact      360
tttgaggggg gccagcctcc cacagttaca aagataactg gtggcagttc tgtgcctaag      420
ctgacatcac cagttacaag catatctccc attcaggcct ctgagaagac agcagtgctt      480
gacattttga aaatgtcttt gatggaagct cagattgata caaatgtaga acatatgata      540
gtggatcccc caaagaaggc tcttgccact agcatgctca ctggtgaagc aggatcatta      600
cccttccacc cacatggtgg tgcagggatg gcgaattcca cttcccagca acagaaatgt      660
agagagtcct gttcgagttc attcaccgnt ggctcttctt taacgacaag gaaaatttga      720
tccaccanca gtgccttgcg acanggccan ttnatgcgta tttcanaatg t      771
```

<210> 3075  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(751)  
 <223> n = A,T,C or G

<400> 3075  
 atnngaagga aacaatnntc cttegtgctc tncntgcagg atcccatcga ttcggggccgg 60  
 ttattctctc ttacagata gctatagaca tcatttttagg aagtgttgca gtctggcatt 120  
 tgtgctattg ttcattctct gtgaaggctg ttcatagttg ctatagcctg tgttttagttt 180  
 tgtgatttca tcaatcccat ctttctgtgt gagtaatgca ttctaaacat cctaccccac 240  
 tttagaaacg gacgtgggga acgcttggtc atttaagcca acaataaatt taggtgaatg 300  
 tccctaagtg tttactgntt ttatccagtc aaggatttgc ttttccttga acatttgttt 360  
 taaattctgg ggccaaaatg caaaggagaa gttctattca aaggcagtag ttgaaatcta 420  
 ttatttttagt tagcctactt ggcattttact acatcgggtc cttctccagg ctgccctaaa 480  
 ttaggttgat ggagtggagac atgccaaaca tccacctttg ggaccatagc atagnataaaa 540  
 ttaaattgtag ttggaatagc tagcattgca gctacagtag ggaactgtag tctanttccc 600  
 taccgaaaac ccaaggagta agggacagga ttttgcctag gcaaaaatct aagactcgtg 660  
 cccttctggt acatggggnt taagactgaa tgtgtaatag gagactgctt tgccaatcaa 720  
 atgatgacag gtactgaaat ngcaatccat t 751

<210> 3076  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 3076  
 ntnnnnngtc taataattcn nnttctttgc nctctccatg caggatccca tcgattcgaa 60  
 ttcggcacga ggagagggtc acagccacca agaaagaagt ttgctggaag ttctccagga 120  
 ctatggaaac cttacaggat actgacttag aacctctgtt ggaatgtggc tgagtcaaag 180  
 cctcctgttg ttgttagggg tatctacagt aaggagatga tacttcagga gattatattt 240  
 cactcaatga tcttttctca tttcagggct cttctcaaatt aagctaaaag aaaaaggatc 300  
 aggagacagg aaaagtcttc cgttttgagt catgagtagg gcaatagaca aggttctctt 360  
 caaaaccatc attagtttgg ctttaagaaa ccagtagcta gctgctattt atatggtgag 420  
 ggggtgctgc ctggtaacag aatagctcca caccacagct tgagattttg tttagtttca 480  
 ctgtgtgagc tttcataaag tctgttgcca ttccatctct gtgttaacac ttcataattt 540  
 tatgaaattc agataatttg tgagaggctg gcatggatct aaggatttat tatttttatt 600  
 ctagtccatc aagttcaatc gcagttttat actaggacct tttaggatgg tncataaaat 660  
 gtgtggactg tttgnccttg anttaaaagt gccacttttg gccctggggc atggnnngct 720  
 tcatgcctat taatcccagc acttttggga aggnccaagg ccggttggtc tcactttgan 780  
 gctaaggaaa ttc 793

<210> 3077  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 3077  
 nctcnantan ctatngcttg gttntcgtnt ctntctgcag gatcccatcg attcgttcga 60  
 gtgcaagctc cccatctttc gaaagtttcc atggcaatac agctaactga agaactaaaa 120

gccagtgatg	tacttgccag	gtcgcagc	caagaaagtg	gggttgccca	gaatccaag	180
aaaggagaag	tttttttgta	tgaattgga	ggaaatattg	gggaacgctg	cctgatgat	240
gacacttaca	tgaaggattt	atatcagctt	aacccaaatg	ctgagtgggt	tataaagtca	300
aagccattgt	agaagactta	acaagctgca	gataaccatg	tggacttctg	tcataattct	360
tgctgagtca	agagtgtaaa	taaaagaaat	ggcaggactc	atattattca	gttgtacca	420
agtatttaaa	aatgactctc	ttaagcctta	aaaagtcata	gatttgtgct	gctgccagaa	480
ttatattaat	tattattaat	gttattatta	gaaaaaaaaa	ttctggagtg	agagtaaaga	540
ggcttaatta	gtttgtgggc	agttttcata	tgctctgtga	aatgtgtcca	gatgtgacat	600
agtttttttt	taatatgtgg	aaagtcttct	cttcccattc	ttttctccta	aaatcatata	660
tactgnaata	tatgctctct	nactctatta	ccttcttaca	tctacccttt	ccanttangt	720
ttgctttttg	cccaaaagat	accaattcca	ngtttggaag	ttg		763

<210> 3078

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3078

ntnnnnngtt	tgncannaa	gnctttgctc	ttgntctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagagagact	agtctcgagt	tnntttnttt	tttttttcac	aaataaacca	120
actttaatag	atnttatttn	gtatttatat	agtgccttct	tcaagaacct	taaatgcttt	180
acagacatta	tctctaatta	atccccacaa	caacctgtg	aggtaggat	tactccatt	240
ttacaagaca	ggganactga	agcacagaga	ggttaagtga	cttgcccaag	gtcacacagt	300
taaattcact	gaagagccag	gacatgagcg	ctttagcctc	ccanntccca	gccnaatacc	360
tcatgataga	atctttaata	aaaagtgttt	ntaaagaaag	tatcacgagt	agttatgtta	420
tgaaaatgag	gtctttntac	tgccatcaag	gaaagaaaaa	accctatact	gatggttaga	480
ggccccaaga	cccacataat	acaacatttn	cctctttccc	tgttccnaag	cntcctgggt	540
cctgtcttaa	ataatctttt	aaaggtnaaa	ttccaagac	agaagccatg	tgacttaaga	600
agtgggactt	aatttttagaa	tatttacttt	agttacataa	atttatagga	aatttttatt	660
cccatttnca	aaatatggga	cagccattcc	aacatcatgt	catagttaca	cggnaatcaa	720
gtccccantt	acaacttaca	ccanccccgn	attttaatca	cagtcaacca	acnt	774

<210> 3079

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3079

ttancctata	ancgtctatg	aagcctttgc	tattngncaa	tggatgcagg	aaaactgaga	60
tgggatttcc	ccacgttgcc	caggctgggc	tcctgagctn	aaagcaatcc	agattgctgg	120
gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	aggggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgcaat	ggcgcgatct	tggctaccgc	aacctccgcc	tcccgggttc	300
aagtgattct	cctgcctnag	cctcccaggt	agctgggatt	acaagcatgg	gccaccacgc	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tgttggtcag	gctggctctg	420
aactaccgac	ctcaggtgat	ccaccacact	cggcctccac	agtgtgggga	ttacaagcat	480
gaaccaccgn	gcccggntct	ctgttccagt	tttctataat	ctggtcatat	tatattctgg	540

gtatatgtgg	gtgggtgat	ta	gtgtg	gtcttatttt	cacattcttt	gc	acta	600
taatgactta	atgttttaag	ata	gtttca	tttcttcaaa	agatgtatgt	nca	acctg	660
ggtatcaggt	aacaatctta	aaaaa	actta	ttcattttaa	aattaacctt	taaa	attagc	720
cattccaatt	naacattaag	ganggtt	gng	agga				754

<210> 3080  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 3080								
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aggtgaatgc	tgtgcctgtg	gccccacctg	tgtgtgatgt	cgccagaacc	cagccgactc			120
cttcagagaa	agctgcagga	gtcctggagg	gggccccttg	gccacatgtt	gtcactaacc			180
tttatctcta	tccaatcaaa	tcctgtgctg	cattttgaggt	gaccaggtgg	cctgtaggaa			240
accaagggct	gctatatgac	cggagctgga	tggttgtgaa	tcacaatggt	gtttgcctga			300
gtcagaagca	ggaacccccg	ctctgcctga	tccanccctt	catcgacttg	cggcaaagga			360
tcattggtcat	caaagccaaa	gggatggagc	ctatagaggt	gcctcttgag	gaaaatagtg			420
aacggactca	nattcgccaa	agcacggtct	gtgctgacag	agtaagtact	tatgattgtg			480
gagaaaaaat	ttcaagctgg	ttgtcaacat	tttttgcccg	tccttgtcat	ttgatcaaac			540
aaagtcca	ctctnaaagg	aatgcaaaga	agaaacatgg	gaaagatcaa	ctttccttgg			600
tacaatgggc	cacccttttc	tctgtgaatg	aangccncng	tatctgnttg	atcaacacat			660
tccagtattt	ttggaacttc	accgggnaac	ttnaaacacc	cattgatgan	aatgggaaan			720
ganggaatta	tttttacttg	aaaggatctt	naccttgcg	tttcgtgccc	aatattttatt			780
ancan								785

<210> 3081  
 <211> 812  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = A,T,C or G

<400> 3081								
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gctgactgcc	actgaaagaa	tnagcagttt	taggggacta	gtccttatgg	gagataaagg			120
tcagaaatcg	tagtatctga	tgaagatatt	ttgatgagca	ggtgagaaga	aagataaaca			180
tggccagatg	gccaaaggact	gggataagta	gccgtttcac	attcaattag	aattctgtgg			240
ctggaataag	atcaggggaga	gcagtaggaa	gatatagtat	tctataattc	atagcttggt			300
gtgttagaga	ttaattagga	ttctgtgtgt	gaatcttagt	acaaaaaaat	ctaataattta			360
ttaggaatta	aggggaagatg	gtacttctgt	tatgttgctt	aagcagacag	gaagctacaa			420
gaacaccagt	ctgaagcagt	gcctcaggat	ctcagatgat	ttaggaagtg	tgctgtaatg			480
tcaaaaaaaa	aaaagtattg	tcttttagtat	atctatgtat	agtctcgtgg	gaaaagcatt			540
ggttgtggta	tcaacagata	ttctgggttc	cagatgtcct	gnaagttaac	ctgcctccca			600
tttccctttc	tgtaaagcca	aaataattgg	ttttaccacc	ctaaatctgg	cctctcaagg			660
gattnccatt	ntttaantna	aaaaattatg	gtcctantna	aagtgccaaa	aaaaaaaann			720
nnnnnaaaaa	aaccttngga	gnccctnttt	anaacctttt	tngtggaggt	ccgnattttac			780
ccttnnnaat	ncccggaacn	ttggattaag	gt					812

<210> 3082  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

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<400> 3082
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ctgtcgggat tccttgggat ctgantnaaa taccaaatag taccatacat gagttatttc      120
taagtttgaa aagtaaaaag aaattgcatc acactaatta caaaatacaa gttctggaaa      180
aaatattttt cttcatttta aaactttttt aactaataat ggctttgaaa gaagaggctt      240
aatttggggg tggttaactaa aatcaaaaaga aatgattgac ttgagggtct ctgtttggta      300
agaatacatc attagcttaa nntnncngac aanngcntnt gtaatgntgt aactgctgtt      360
aatattnant gctntngtnt gagcnacctn antntgaaca gatngtgcag cctgcatgct      420
ggacatgcct canaaccatg aatagcccg actagatctt gngaacatgg atcttagagt      480
cactttggaa taagtncctta tntnaatacc cncagccttt tgagaacggg gcttgttaaa      540
ggacnccgtat gtagggcccg tacctactgn cagttgggtt cangnaaatg ggattgactt      600
tggncttaag ntccttggtc ataatttttt aaaatatggg antnggaaaa ccccaaaga      660
atggaatgga ctcttnaaaa cantgaaaag acccttatcg gttgncctt ggaatgtaga      720
atttggnttt nggnttntct aattctgctt ggtnaaaggg gncagttt      768
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<210> 3083  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

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<400> 3083
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aaggagtttt ccaccgctct ctcatggta cagcgctagt cattcatttt tgagaagttg      120
cttcttttac atcagaaaac cagtcaatca tatggagact tcttttgtga tgaaaaaggg      180
ctttagaagt taaatacatg catgcacatg aaaacatgca caaccacagc ctcaatcttg      240
tatttagttt ggggaaagag aagagaattt cctgtggatt attttttctt caagtgcacc      300
tctctggtta acccaaactc tgcaagaaag cactgtgact aaaacatata taacgcctgc      360
ataaatattc catggtttca gttaaatttc agtttttagc ctttacacat gaggtcaaag      420
gagtgacgaa aatacaaagc aaggaaaaaa tgaaatatct ggtttttgct gaatgcttaa      480
tttatttttt actgtgccac tccaatattt atcaaatcca aatagcatga atgcttctct      540
gtagtaatac taattttgtg ccttttgtct gctttcttaa gaccagttgt tcacactttg      600
taggatatta gacaaatata tttcgattga attccacaac taaanaaaaa aaaaactttn      660
agcctnttag aacttttagg gaggtcgnat tacggtagat ncanaccatg gataaggata      720
cattggatga attttggaac aaccccaacn ttggaatgcc ntggnaaaaa aatgcttttt      780
t                                                                                          781
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<210> 3084  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 3084  
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 aacgtttctca ggttgaccag ctgctgtnta tttctttaag ggaggaagaa cttagtaagt 120  
 cattgcagtg catggataac aatcttctgc aagcccgctgc agcccttcag acagcttatg 180  
 tggaagttca gaggctactt atgctcaagc agcagataac tatggagatg agtgactga 240  
 ggacccatag aatacagatt ctacagggat tacaagaaac atatgaacct tctgagcacc 300  
 caggtttggc atagaaatgg tacccttctgt tcaaaatgaa caagaagcct tagatttggg 360  
 tggggaacct gatctgtcca gtctanaagg attccantgg gaaggtgttt ccatttcctc 420  
 gtcccctggc ttggcaagaa agcgaagcct ttctgagagc agcgtgatca tggacagagc 480  
 tccttctgtg tatagcttct tcagtggagg aggtacaggc aaanaaaatg agccccagca 540  
 gatgggttcac ctagtaactc attgagggct tggacagagc cagaaagcaa cccattgcac 600  
 ctttaaaaca agaagtgaca cctnggggct tgccctncct tcccgaacan gtggaaaagg 660  
 ggcttgaaaa tgggtgcttc ccaaanggcg acntagtnca ccaattatcc tctgancata 720  
 ttaatacctt tgatngcatt ttggccaaaa agacttgacc agncaaggaa nagggctatt 780  
 cccccc 787

<210> 3085  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3085  
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 tattagccaa cctcttcagg tattagcctg aagataaatt ttaacaaaac atatacactt 120  
 gggatccgt cattgctcaa actctatagt gtattgctgg agccaatagg cagggtatat 180  
 tttattagct aaatttgata ttgtcttct gccttctgta tcacctcaa gctataggaa 240  
 atcaggattt tgttggcttt aagaaaacac atgggtatgtt cactgtatat taaatatacc 300  
 tgtatttaaat gttttctctt aggacagaaa agtagacaca cacacacaca cacacacaca 360  
 tgttgtgttc agctttctgt tttatattat ttgccattga gattagaata gaacaggctc 420  
 tattcatgca aactatatga aatgaaaaac ttttaagact cttcattaat tggagcttct 480  
 gggcaacatc gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtatacag acattttttt 540  
 tttaacttgn tgattcanat gtcttggctc ctgaatagtc ctagattact tattttgaga 600  
 attcattggt aaaattacag ggaattaaaa taattgcctt ttttttgan ggtaaganat 660  
 gggtagaaga ntatgcctnt gnaaatttat tagntattct tgtggagaat nccagaaaat 720  
 gggattttgc ccatgctaaa tatganatan 750

<210> 3086  
 <211> 954  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(954)  
 <223> n = A,T,C or G

<400> 3086  
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ctnccccag	ccccacagct	gggtctggct	gggcactgac	caggaggaac	tgagcgcca	180
gctggaccgg	cagtcacctg	gccccccaa	gggggagggg	agctgccct	gtgagagtgg	240
gggangaggg	gagggcccta	ccctggcccc	tgccctcct	gggggcacca	ccagctnctc	300
aagcacnctg	gccccaaagg	aggctnntng	ggcggtcnaa	gcgagtanag	tttgtgacat	360
ttgcnccagc	cccttcagcc	caggnacctg	aggagcctgt	aggggcccct	tgctgtgcag	420
taccatnctt	gtggcaggcg	acgaggacat	ccgntgngtg	tgtnaaggac	atggngcttg	480
aaggaccctg	angaagcttc	nnaaactaca	tngagaggat	ccnngggcaa	ctttcttgac	540
nctgcaanan	acaaccttgg	tcaagccac	ncaacttgg	gcaaacgann	nggtgngaag	600
ggtttcccaa	cttgagccc	ttttccgctc	cttgcccctc	ggnccanttt	cgtttttngg	660
tagccttggt	ttggaattcc	caagntcccc	cttgcccttn	gngtnnctc	ncnnaaaaa	720
nggggacntt	taccnattn	cnaagggcnc	ncccnntntt	tgggcccctt	ggcccccnnt	780
ttggggccat	tggggaaacc	aaatgggggt	cnnntnnaaa	ngngnaaaag	gggcctttca	840
attggccncc	ccntttaaaa	attnnaaatg	gggggaaaac	ncccttttta	tcntattntt	900
cttaaaccn	gnaanattta	aaaaccnntn	atnnaaagg	gaaaaaaaac	ccc	954

<210> 3087

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3087

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tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120
agaaatcaat	tgtctttcat	tgaatcaaac	ggaaaacctg	ctggcttctg	ctgacgactc	180
tggggcaatc	aaaatcctag	acttggaaaa	caagaaagtt	atcagatcct	tgaagagaca	240
ttccaatata	tgctcctcag	tggtttttcg	gcctcagagg	cctcagagcc	tggtgtcatg	300
tggactggat	atgcaggtga	tgctgtggag	tcttcaaaaa	gcccgaccac	tctggattac	360
aaattttacag	gaggatgaaa	canaagaaat	ggaaggccca	cagtcacctg	gtcagctctt	420
aaaccctgcc	ctagcccatt	ctatctctgt	ggcttcgtgt	ggtaatat	ttagttgtgg	480
tgcagaagat	ggtaagggtc	gaatctttcg	ggtgatggga	gttaagtgtg	aacaggaact	540
gggatttaag	ggccacactt	caagggtatc	ccaggtctgc	tttctcccag	aatcctattt	600
gctgctttac	tgganggaat	gatggggaag	atcacggttt	gtgggggatgc	caaacagtgg	660
aagtttgaag	aaaaaaccag	aagaagtccc	cacaaaaccg	taccacaggg	gaagaaaccc	720
taaaggangg	acnttgcacc	aaagcaggg	gggaaaatcc	tnacgcctta	agtnaccgga	780
tgaggggaa						789

<210> 3088

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 3088

tgnttnnngt	tnntntnag	ccttgctctt	tgcttctgca	ggatccctcg	attcgaattc	60
ggcacgaggg	ccaaagaggt	gctacatgca	ttgaaagaaa	aggttacttc	actacctgac	120
aaccataaaa	atgcccttgc	tgctaacata	gatgaaattg	tatttacatc	aacaggagac	180
atctccattt	actatgatga	gaaaggaagg	aagtttgta	acatcctgat	tgcttttgg	240

tatctaacca	gtgccaacat	cccttgaa	actttaagag	gagccagtgt	atgagggt	300
aagttgggga	atcagaatgt	ggaaactaaa	caacttccta	gtgcaagcta	tgagtttcag	360
agggagttca	cacaaggagt	aaagcctgac	tggaccattg	cacggattga	acactcaaaa	420
ttattagaat	aattttcttg	gaaaaatcag	cttatggact	ttagcagttg	ctgtgaaaaa	480
ctaaggaaga	aaaatttttg	ggtcatttga	tcttcactta	atctaagtct	gtgaattact	540
tttatattat	tttgaaatac	tccttgacgt	atattggcat	gatacagtaa	aagcattttc	600
cacaganttg	gtatcacctt	cttaaaagaa	gncaaaaatt	taaaaaattc	caatagcccc	660
gttggttggt	gtcatattca	ataacatttn	caatgctaca	tataatttta	tagacttata	720
aagaaggtnt	tgaaaaaaa	aaaannnnnn	nnnnnnnnnn	nngnnnn		767

<210> 3089  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 3089						
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caaagggctg	cagtttctcat	tcaggctact	ttcaggatgc	acagaacata	tattacattt	120
cagacttgga	aacatgcttc	aattctaatt	cagcaacatt	atcgaacata	tagagctgca	180
aaattgcaaa	gagaaaatta	tatcagacaa	tggcattctg	ctgtggttat	tcaggctgca	240
tataaaggaa	tgaaagcaag	acaactttta	agggaaaaac	acaaagcttc	tattgtaata	300
caaggcacct	acagaatgta	taggcagtat	tgtttctacc	aaaagcttca	gtgggctaca	360
aaaatcatat	aagaaaaata	tagagcaaat	aaaaagaaac	agaaagtatt	tcaacacaat	420
gaacttaaga	aagagacttg	tgttcaggca	ggtttttcagg	acatgaacat	aaaaaaacag	480
attcaggaac	agcaccaggc	tgccattatt	attcagaagc	attgtaaagc	ctttaaaata	540
aggaagcatt	atctccacat	tagagcacag	tagtttctat	tcaaagaaga	tacagaaaac	600
taactgcagt	gcgtcccaag	cagttatttg	tatcagtcct	attacagagc	tttaagtcca	660
aagatatcaa	atatgcacgg	gctgcacact	aatcagtcct	ctatca		706

<210> 3090  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 3090						
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agccccactc	ggggtatgtg	aatgcccagc	tggagaagga	agtgcccatc	ttcacaagc	120
agcgcattga	cttcaccctt	tccgagcgca	ttaccagtct	tgtcgtctcc	agcaatcagc	180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcatgga	cttgggcaag	gcaaattgagc	240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc	300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ggctcctctac	gtgaaccac	360
ttgagaaggc	tgctccttag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac	420
gttgacggga	gtagagtagc	gctgttggcc	aggaggtgtc	aggtgtgagt	gtattctgcc	480
agctttttcat	gctgttcttc	agagctgcag	ttatgccaga	ccatcagcct	gcctcccagt	540
agaggccctt	cacctggaga	aagtcagaaa	tctgacccaa	ttcaccctct	gcctctagca	600
cctcttctgt	cctgtcattc	ccacacacgt	tcctgttcac	ctcgagagag	agagagagag	660
agcacctttc	tttcgtctgn	tcacttttgc	gggctntgga	atnccagctc	ttctctntca	720

gaagaagcct tctcttctc tg gtag gtgtnccaaa agt

763

<210> 3091  
<211> 774  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(774)  
<223> n = A,T,C or G

<400> 3091  
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tcgattcgaa ttcggcacga ggaggatctg ccttctgagg aagtggatca agagctgatt 120  
gaagacagtc agtgggaaga aatactgaag caaccatgcc catcgagta cagtgtatt 180  
aaagaagaag atctcgtggt ctgggttgat cctctggatg gaaccaagga atataccgaa 240  
ggtcttcttg acaatgtaac agttcttatt ggaattgctt atgaaggaaa agccatagca 300  
ggagttatta accagccata ttacaactat gaggcaggac cagatgctgt gttggggagg 360  
acaatctggg gagttttagg tttaggcgcc tttgggtttc agctgaaaga agtccctgct 420  
gggaaacaca ttatcacaac tactcgatcc catagcaaca agttggttac tgactgtgtt 480  
gctgctatga accccgatgc tgtgctgcga gtangaagaa caangaaata agattattca 540  
gctgattgaa gcaaaagcct ctgcttattg tatttgccaa gtcctggttt gtagaantgg 600  
ggatacttgg tgctccagaa gttantttta catgcttntg ggaaggcaag tttaccgat 660  
ttncatgggg aatngttctt tcaantncca ccaaaggatt gttgaaagcc ttattgaact 720  
tttgcaaggg anttccttgg ccacaaattt ganggaatta ttgaccttc tttg 774

<210> 3092  
<211> 759  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(759)  
<223> n = A,T,C or G

<400> 3092  
gnnnnnntt nnntttcctt ttcaaatnct tggctacttg nnttttctgc agggatccca 60  
tcgattcgaa ttcggcacga ggccatgtga ggacataggg agaaagcagc caccattggc 120  
aagccaagag agagccctca ccaggaacga ttggaccagc accttgatct tggattttct 180  
agcctccaga acttacagta cgggtggctg gcaagatggc cgaataggaa gagctccagt 240  
ctacagctcc cgcagagatc aacgcagaag gaacagcagt ctcagcgggt agcagcacia 300  
gagatgattt acacaatgaa gaaagtacat gcactttggg cttctgtatg cctgctgctt 360  
aatcttgccc ctgcccctct taatgctgat tctgaggaag atgaagaaca cacaattatc 420  
acagatacgg agttgccacc actgaaactt atgcattcat tttgtgcatt caaggcggat 480  
gatggcccat gtaaagcaat catgaaaaga tttttcttca atattttcac tcgacagtgc 540  
gaagaattta tatatggggg gatgtgaaag gaaatcaaga atcgattttg aaagtcttgg 600  
aagagtgcaa aaaaatgtgt acaagagata atgcaaacag gattattaaa gacaacattt 660  
gcaaccaagg aaaagccnag atttctgctt tttgggaaga agantcctgg atatgtcnag 720  
gntatattac caggtatttt tataaccatc agaccaaac 759

<210> 3093  
<211> 738  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 3093  
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 agatccagat attcttagac ctgctgtttg aacctgtgag gcatttcaag aatggagagt 120  
 gccattctgc agtcattcaa gcagtagaag acttggattt gtctaaagtt cttccttttag 180  
 gtcgtcagca cggatatctta aacagccttg agatagtatt gaaaaacatt agtcattctga 240  
 tcagcgcata cctgccgaag attttgcaga tactgctctg tatgacagca accgtatcac 300  
 acatccttga ccaacgagaa aagatacagc tgagatttat taatccattg aaaaatttaa 360  
 gacgtcttgg aatcaaaatg gtaactgata tcttttttga ctgggaatca tatcagttta 420  
 gaacagaaga aattgatgct gtgtttcatg gtgcagtttg gcccagatc agcaggcttg 480  
 gatctgagag tcaatattct cctactcctc tgctgaaact gatcagatc tggagcagaa 540  
 acgcaagata tttccctttg ctggctaaac agaacctggg caccagaaat gtgatatacct 600  
 gaccaatggg tttttgcaat tctctcagcc gaagaatctt tcttgatgcc cacagccagt 660  
 attgtaatgg gccataagtt ggatgacctt tnttaacctt tccagaattt cgagccctac 720  
 cggaaaccgg ttttggat 738

<210> 3094  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 3094  
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 agatccagat attcttagac ctgctgtttg aacctgtgag gcatttcaag aatggagagt 120  
 gccattctgc agtcattcaa gcagtagaag acttggattt gtctaaagtt cttccttttag 180  
 gtcgtcagca cggatatctta aacagccttg agatagtatt gaaaaacatt agtcattctga 240  
 tcagcgcata cctgccgaag attttgcaga tactgctctg tatgacagca accgtatcac 300  
 acatccttga ccaacgagaa aagatacagc tgagatttat taatccattg aaaaatttaa 360  
 gacgtcttgg aatcaaaatg gtaactgata tcttttttga ctgggaatca tatcagttta 420  
 gaacagaaga aattgatgct gtgtttcatg gtgcagtttg gcccagatc agcaggcttg 480  
 gatctgagag tcaatattct cctactcctc tgctgaaact gatcagatc tggagcagaa 540  
 acgcaagata tttccctttg ctggctaaac agaacctggg caccagaaat gtgatatacct 600  
 gaccaatggg tttttgcaat tctctcagcc gaagaatctt tcttgatgcc cacagccagt 660  
 attgtaatgg gccataagtt ggatgacctt tnttaacctt tccagaattt cgagccctac 720  
 cggaaaccgg ttttggat 738

<210> 3095  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 3095  
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tctctncatg	atcccatcgn	tttttttcg	gcacgaggat	tgtgacatgg	tgtaataaag	120
gtctacatgg	ngtaataaag	gtatccatgg	tgtaataaag	gatgtgggag	catcctatcca	180
taggaatttg	acagntntag	aattgcttta	ttattcangc	ccttcactct	cagactaccc	240
tgctctatgt	gaataatgan	gcttggtggt	gtctgtggaa	aantngacan	antagaattt	300
ggncagctgc	tgaangncac	ggncctctgga	atgagtcac	gtccccctan	ggacagtant	360
nccaaattga	nacnnaaact	ttnagaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggccccgac	ctnatntttt	agngattttg	aactcaatct	ttaanatect	gnaacagaan	480
gananaaagg	gtgnatatct	gngnaatgac	atncaagatc	tnactgcnet	ctnggctnct	540
anngatggnc	gaaaaantgt	gcncccaagg	tttnccccct	ntatttacca	ccttgcatcc	600
atgccatngt	ngaccttaca	nntgnncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnancttt	cccntaccng	ntgccctctt	taantccttn	attnaaaccc	tgggggtgaa	720
aatcctgana	aatntaantt	aanaatctng	ntaccttttc	cntananaan	aactaacctc	780
nagcccn						787

<210> 3096

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3096

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tcgaattcgg	cacgagggag	atccagatat	tcttaggacc	tgctgtttga	acctgtgagg	120
catttcaaga	atggagagtg	ccattctgca	gtcattcaag	cagtagaaga	cttggatttg	180
tctaaagtcc	ttccttttag	tcgtcagcac	ggatatctta	acagccttga	gatagtattg	240
aaaaacatta	gtcatctgat	cagcgcatat	ctgccgaaga	ttttgcanat	actgctctgt	300
atgacagcaa	ccgtatcaca	catccttgac	caacgagaaa	agatacagct	gagatttatt	360
aatccattga	aaaattttaag	acgtcttggg	atcaaaatgg	taactgatat	ctttttggac	420
tgggaatcat	atcagtttag	aacagaagaa	attgatgctg	tgtttcatgg	tgcagtttgg	480
ccccagatca	gcaggcttgg	atctgagagt	caatattctc	ctactcctct	gctgaaactg	540
atcagtatct	ggagcanaaa	cgcangatat	ttccctttgc	tggctaaaca	gaagccctgg	600
gcaccagaaa	tgtgatatcc	tgaccaatgt	ttttgcaatt	ctctcagccg	aaagaatctt	660
tctgatgccn	acagccagta	tttgtaatgg	gacatangtt	ggatgacctt	ctttaaccct	720
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<210> 3097

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3097

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ctttntgcan	gateccatcg	attcgaatcg	gcacgaggag	ttttttgtga	tattgaggca	120
ttcatacaga	gctgcagtta	gacgggggta	cgggggctaa	aagcagaaaa	aaaattccat	180
ttcatcgga	tggaaactgaa	ggattttatt	ctataaagcg	gccttggttg	aatctggcaa	240
ttctttttgc	caagatccct	agcagaagat	ttagccatgt	ccttccccctc	acttgtgtga	300
gtggccccct	ctgaatctct	ccagcagcca	gaggcacgtg	agaagcagaa	agagctggta	360
aataaagcct	tgggcaagcg	acttcttaga	tcagaactca	ccaaatggaa	gcctagcagc	420

tgctccataa	acctagcccc	atccata	tcaattttgt	ataaatatat	agccacac	480
acacagcctc	agacttacaa	actgattata	ctctaaaagt	ttgtatgtca	gttctctaaa	540
acttcagaat	acattttctt	cctataaaaag	agtttttaaat	gatggttaag	ttcttcaagg	600
cagntncnca	anggcctatt	tntnccccaa	agggcccccct	gaacnnttng	ncccccatan	660
aaactggaac	ccnccntttt	tgntantana	nccccntggg	ggaagtgncc	natttnnggg	720
gggttaaaaa	cccggggggg	tggccaaana	aaacnacacn	ttntttttcc	nattcccan	780
cnataangag	aagg					794

<210> 3098  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C, or G

<400> 3098						
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gaactagatg	tatatgcaca	agggattgag	tttactactaa	aactaggaaa	tggagttttc	120
aatctatgtt	cttgccctctt	catactttta	tttatttttt	gtcatcctgc	cttatactgg	180
gctaacaatg	agataaaata	aaaatacctt	tgaatactct	tttccctttc	atgcatttaa	240
agccatggag	gaactagacc	attagctggt	gccgtcacat	gcttagacac	cagtttactt	300
agcgtgttat	gaccttcctc	accatacta	ccaaatttaa	atgggtcccg	acttcaccct	360
ctggaaggaa	gtaaactctt	ctctccccat	ggtttcagag	cagtttttac	ctgcaagcac	420
catctctgta	tgtgctctta	ctagattata	cagttcttga	gagggattgc	atcttgggtg	480
ttttgtattt	ccacctcacc	cccagcacat	agcccagtct	cttgcacaaa	ttaagtactt	540
aatgtgtgtt	gagctaaatt	gaataaagga	ttattagcat	tagcatattt	tgtgccttgg	600
ttgtataagc	tgggtgtntg	ttttggtacc	tttgcaata	tttatgatta	tcaccccccc	660
acatactaaa	ttgtttttta	aagggttgnc	tttncttcag	aatactaccc	cangc	715

<210> 3099  
 <211> 886  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(886)  
 <223> n = A,T,C or G

<400> 3099						
tnancttcaa	tgctttttcca	aatncttggc	tctngttctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgagcagag	ctgtgatctg	cccccaggta	ttctgacccc	caaactggct	120
ctcaaccatg	tttacctgat	gaaaagaaga	ggtgactgtt	gtatcagctc	taaaggcctc	180
acttttgggtg	aatggggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtctt	cacaccaatt	420
caacagagta	tcttgtaaat	gttgagagga	gangtcttta	ggatcatggg	tgtctttcaa	480
taaagtgtct	tagaaaacag	gtgacaactg	gaattggggc	cttggaggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600
tttaaaaacc	cagcmttggg	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatancctg	ggncccatg	gggatttttt	taagaaaaaa	gtgggtttnaa	720
aaattgggaa	anttgaaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattggnc	780
ctgggggggn	ccccagggcc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840

taanaaatta aaaggtccca aaaggnc cncnntttng aaccna

886

<210> 3100

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3100

tnancttcaa	tgcttttcca	aatncttggc	tctngttctt	tntgcaggat	cccatcgatt	60
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ctcaaccatg	tttcatgat	gaaaagaaga	ggtgactggt	gtatcagctc	taaaggcctc	180
acttttggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataat	taatactatt	gaactttcac	cataaccctg	tcctataaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtctt	cacaccaatt	420
caacagagta	tcttgtaa	gttgagagga	gangtcttta	ggcatggggg	tgtctttcaa	480
taaagtgtt	tagaaaacag	gtgacaactg	gaattggggc	cttggagggg	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600
tttaaaaacc	cagcnttggg	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatancctg	ggncccattg	gggatttttt	taagaaaaaa	gtggtttnaa	720
aaattgggaa	anttgaaatt	tggggnaatt	naaaaancctt	tgggaaaaag	aaattggnc	780
ctgggggggn	ccccaggcc	tttntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3101

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3101

tnancttnaa	nccttttcaat	tncttgcctc	gnnttnagcc	gatccctcgt	tcggagacat	60
catgtcaaca	gaaatggaga	tgtgcactgg	ggaaactgcc	ggccggggccg	ctggcccgtg	120
gacgcctggg	aggtggccaa	ggccttcctg	ccccgaggac	tagcagacaa	acaaggacct	180
gaggaatgtg	atgcagttgc	tcttttaagt	ctcatcaact	cctgcgatca	cttcgtgggt	240
gatcgaaaga	aagtcacaga	ggtaattaaa	tgtcgtaatg	agatcatgca	ctcttcagag	300
atgaaagtat	cttctacgtg	gcttcgagat	tttcagatga	agatccaaaa	ttttctgaat	360
gaattcaaga	acatcccaga	gattgtggca	gtatactcca	gaatagaaca	gctgttgacg	420
tctgactggg	ctgttcacat	ccccgaggaa	gatcagcgag	atgggtgtga	atgtgaaatg	480
ggaacttacc	tgagttagag	ccaagtcaat	gaaatagaaa	tgcagttact	aaaggagaaa	540
cttcaagaga	tatatcttca	agcagaagaa	caagaggtgt	ttgcctgaag	agctctcaaa	600
tcgactggga	atggtgaang	aatttctgag	aaacatgaag	gatcttagaa	atgggcttta	660
cngaagatat	gccagaaact	ngacagcctt	tgtcttcctt	caaaaactgg	attcacaagg	720
aacctgggag	acaaacnt					738

<210> 3102

<211> 738

<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3102

gnttctaagt	cttttccaaa	tacntgctct	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agattttgct	ggacactcag	acacaattta	gagtatttat	atataacttg	120
aaaacagtaa	cattttccaaa	aaccgatgaa	ccccaccctg	tcccaaggaa	tgattgggat	180
gtatgtgaag	ttcatttttct	gacaaaaata	attacgttcc	acttaggatg	cacaaccatg	240
ctgtcctgta	gagaagtcac	aagtttttgtg	agaattttta	aactgatgat	gtttatttcc	300
atggtaacat	gagtatacat	tttaccttct	attgtagtga	tgaatcacia	ttagtctttt	360
tttatagggt	ggtggaaaag	taattgctgt	tttgccattg	cttttaattg	caaccacaac	420
tacttttgca	ccaacctaat	atttattaag	actttacttt	tttgagacca	atttctgaaa	480
ttgggattca	tggtgagagt	ctctaagggtc	cctgataaatt	tgtcgcattt	gttgntgntt	540
tttgagagaat	atttcatcac	tactcaaagt	atgggtcctct	ggtctgggtg	aagcttcgta	600
agctttgaaa	gccagataac	caggggtttca	gacaagtcta	gagccangtc	aggatatcaa	660
taagaccac	aggatgtagg	gcttgccctgc	tanggagaca	tttagcttat	cttcccggca	720
aaaaaggctt	gtnccccc					738

<210> 3103

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3103

gnttnaancc	cttttgaaat	ncntgctctt	gntctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagaaaaaca	acagagagaa	aaagaatacc	tgagatatgt	agaagcttta	120
cgagcccaaa	tccaggagaa	aatgcagctg	tataatatta	ctttacctcc	actatgctgt	180
tggtgctctg	atttttggga	tgctcatcct	gatacctgtg	ccaacaactg	tattttctat	240
aaaaaccaca	gagcatatac	tcgggcacta	cattcattca	tcaattcctg	tgatgtccct	300
gggggtaatt	caactcttcg	agtcgcaatt	cataattttg	cttctgcaca	caggcggact	360
ttgaaaaatc	tataataaga	atctgaaatt	aactggtagt	attttggctt	ttacttaaaa	420
tcacccctga	gagagtattt	aagaaaagct	gttcaagtta	taaaatatat	aatctggaaa	480
gaaatactgt	ctcatataat	aattagattg	taatcattgn	tttaattctct	gtctgggaac	540
caagattgaa	agctgactta	cttctctctt	ctgncttgtg	aaccatacgg	agcctattat	600
tttaaaatat	gatcagacaa	gtaaggcttc	tcttactttg	ctctgctctg	atcagaagag	660
ctcatgtgaa	gtcttttgaga	ttctcttaat	tatcatcttc	tnaaactggg	ttttgagctt	720
gacagtnctg	aaaaagt					737

<210> 3104

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

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<400> 3104
gntnnnttcn nttcctttcn aatncttggc tactttcnnt ctctgnagga tccatcgat      60
tcgaattcgg cagcagggag atccagatat tcttaggacc tgctgtttga acctgtgagg      120
catttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga ctgggatttg      180
tctaaagttc ttccttttagg tcgtcagcac ggtatcttaa acagccttga gatagtattg      240
aaaaacatta gtcattctgat cagcgcatac ctgccgaaga ttttgcana actgctctgt      300
atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt      360
aatccattga aaaattttaag acgtcttggg atcaaaatgg taactgatat ctttttggac      420
tggaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg      480
ccccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg      540
atcagtatct ggagcanaaa cgcangatat ttccttttgc tggctaaaca gaagccctgg      600
gcaccagaaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt      660
tctgatgccn acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaacctt      720
ttccagaatt ncgagcctac nngaaaccag gtttttc      757

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<210> 3105
<211> 749
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

```

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<400> 3105
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gatgtcgga ttcggcacga gangtgtnc nactgtgccc tctgctngnc nctgctcna      120
actntaacnc anttgcnttt ggtgnacang tcacctgctg gtttaaaatn tccttttgta      180
atgtatcgng aatgtgccga gaacatatga aantggntgn caatgganat ggaangggct      240
ttattctcac ttaanagagc cctgggagga ataaggtttt atctggatca ggtatccaat      300
tgcattggat aaacgtggcc tgaggcatga taaaatntna naacacaata ataagcctcc      360
tggngacatc tctgnncctt ttatagtccc tcanctggct tgtttgcang gtgcangatg      420
ggtgaccacc tgacgtgctt atgtggctag taagttatct gaatanggtc tntctanacc      480
ccctagaatt tgtggagctn ggttgcacat taggaaatgc aagctgtgct gnggttcaca      540
agctaggaga ggagaatggg ttggatgtgc acctggctct gcaggaagcc catcttaggt      600
tannnctga aggataaaga anctggccac tgggaatggtt gggaaaaggc tntnnganct      660
tcccatgccc aaccttggnc ctttttnggg tatnatngtg cccngncctt gaacngcttt      720
tttaantctg acaaanatac aggganttt      749

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```

<210> 3106
<211> 726
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

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<400> 3106
tgagttcaat gttggcnttg cnaatnctgn ctgtncncn nttgcggggt aaccagnctn      60
ncgattgagg antaaaggtc atngatggtc agaantgan tgacgttngg aatccacccc      120
gttnattgta gaactggggg ttcagagggc aggtgcctca gaggttgagg cacacagtga      180
ggtctggtgg gtgaaaggac ccaggaacga ggcgttcang aaagcagggt gtcagagcta      240
tgtggagtct gtgggtggca ngggcagccg ctccagcctt tgaagacttt gaaagccaca      300
gattcctggc gcaggcttgg acttntctgg agctcctcca agtaccann ggcacanan      360

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ctgcctgggt	gttacatggc	ccggaacc	catgttcang	gtaggacatg	caaccaga	420
tacccaatgt	gcanagtga	nacactgggc	tccctgttaa	acgatgaaga	attcangaca	480
gtgacagcat	tacntnacc	ctggggacaa	gaggtcagcc	taaggtgaca	cacggttgac	540
tactgtgctt	cggaggctcc	ctgtgtcctg	gnngaagaaa	agcattnnag	ggggcagctg	600
gaccangctc	ccaactgcag	aagttccagc	cctggcttgg	gcaagggccc	cggnccttgn	660
actcacnatt	nncatgatag	ccttaagnaa	ttcattctgg	tttgnacaat	ttnttttttt	720
aaaaan						726

<210> 3107  
 <211> 907  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(907)  
 <223> n = A,T,C or G

<400> 3107						
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gcagctgaaa	gangatctgt	ccagcntcat	cctcctatca	gaggaggacc	tccagatgct	120
tggtgacgct	ccctgctcag	acctggctca	ggaactacgt	canagttgtg	ccaccgtcca	180
gcggctgcag	nacacactnc	aacaggtgct	tgaccaaana	naggaantgc	gtcagtccaa	240
gcagctcctg	cagctgtacc	tccaggcttt	gganaaagag	ggcaatnctc	tngtcaaagc	300
angaagagtc	caaagctgcc	tttggtgagg	aggnggatgc	antagacacn	gggnatcagc	360
atgagagacc	tgctaagacg	ttgcgcttgg	cngagccnca	tccttactgc	acttgnaggg	420
agaagcaggc	tncanaagct	gtngcttatc	taatacaggn	attncggagt	tgggttacct	480
aaaggnanna	cccccaaan	cacttgnctt	gtatggnttt	ggaacctggg	gacantnaaa	540
gaatnaccgg	gacacctggt	tcanagna	gcccttgtna	gtcagtttan	ccttnggnan	600
cttgcnnact	ntgccaatta	aannaacnnc	cnataancct	ttggcaannt	tcntcccttt	660
ccngntaagg	ncaatatttn	nanaccanag	gcccaaaggg	nncccttca	acccaaancc	720
tttgggggtg	gaaccncttg	ggcnaanaaa	aatnccctt	taaagtncng	atntgncccc	780
aaggnaaccg	ggggaattct	ccccananta	tttngtccnn	tacnnannat	ctnnggttaa	840
actntgnacg	ccccanaagg	ggaaaantct	tctnttttgn	gggctccnaa	ntntatggg	900
ttaannn						907

<210> 3108  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 3108						
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gaatcgagtg	tttgccaca	gttcgggacc	tatggtagaa	aaatactcag	tagctaccca	120
gattgtaatg	gggtggcgtta	ctggctgggtg	tgcaggattt	ctgttccaga	aagttggaaa	180
acttgcagca	actgcagtag	gtgggtggctt	tcttcttctt	cagattgcta	gtcatagtgg	240
ctatgtgcag	attgactgga	agagagttga	aaaagatgta	aataaagcaa	aaagacagat	300
taagaaacga	gcgaacaaag	cagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
atztatcaag	cagaacattg	tgatatccag	tggattttgtg	ggaggctttt	tgctcggact	420
tgcatcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatac	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aatactcaat	tcacaactta	gcattttgcc	atctgaagct	tggcaaacta	600

gtatctgctg	taaaacaacc	tattggat	gtgaaccgta	gtattcctga	ggaacgtg	660
gctttcatcg	ctttgtaaaa	attggcatc	tgtttagaaa	ctagcctata	aaata	715

<210> 3109  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 3109						
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gattgtaatg	ggtggcggtta	ctggctgggtg	tgcaggattt	ctgttcaga	aagttggaaa	180
acttgcagca	actgcagtag	gtgggtggctt	tcttcttctt	cagattgcta	gtcatagtgg	240
ctatgtgcag	attgactgga	agagagttga	aaaagatgta	aataaagcaa	aaagacagat	300
taagaaacga	gccaacaaag	cagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
atztatcaag	cagaacattg	tgatatccag	tggatttgtg	ggaggctttt	tgctcggact	420
tgcatcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatac	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aatactcaat	tcacaactta	gcattttgcc	atctgaagct	tggcaaacta	600
gtatctgctg	taaaacaacc	tatatggtat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgtttagaaa	ctagcctata	aaata	715

<210> 3110  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 3110						
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aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcttgctttt	ccacacacca	180
gaacaattcc	ttgctgaatg	tatttgcaga	tcaacctaat	aaaagtgatg	caaccaatta	240
tgctagccac	tctctctctg	taaacagggc	cttaacgcca	gctgctactc	taagtgtgtg	300
tcagaattta	gtgggtgaag	gactgcgatg	tgtagttttg	ccagaagatc	tttgccacaa	360
attnctgcaa	ctggcanaat	ctaatacagt	gagaggaata	gaaacctgtg	gaatactctg	420
tggaaaactg	acacataatg	aatttactat	tacccatgta	attgtgcca	agcagtctgc	480
gggaccagac	tattgtgaca	tgganaatgt	tnaggaatta	ttcaatgttc	aggatcaaca	540
tgatctctc	acttctaggg	atggatccat	acacatccta	ctcaaactgc	atttttatcc	600
anccgttgat	ctttacactc	actgnncctt	atcaacttat	gttgccaaga	agccnattgg	660
ccatttnttg	gctcaccaaa	agcntaaaga	cactggcctt	cttangctta	ccaatgcttg	720
gnttgcttgn						730

<210> 3111  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 3111  
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 gtctacatgg ngtaataaag gtatacatgg tgtaataaag gatgtgggag cacanatcca 180  
 taggaatttg acagtntagg aattgcttta ttattcangc ctttactct cagactaccc 240  
 tgctctatth gaataatgan gcttgtgggt gtctgtggaa aantngacan antagaattt 300  
 ggncagctgc tgaangncac ggncctctga atgagtcac gtncctctan ggacagtant 360  
 nccaaattga nacnaaaact ttanagaaaac caatgtnatg gggccaagca attgggnagc 420  
 taggccccgac ctnatntttt agngattttg aactcaatct ttaanacct gnaacagaan 480  
 gananaaagg gtgnatattc gngnaatgac atncaagatc tnaactgcct ctnggctnct 540  
 anngatggnc gaaaaantgt gcncccaagg tttnnccct ntatttacca cttgcatcc 600  
 atgccatngt ngaccttaca nntgnncaaa aggccttgc ccnntgtgan ancattcccc 660  
 tgganacttt cccntaccng ntgcctctt taantcctn attnaaacc tgggggtgaa 720  
 aatcctgana aatntaant aanaatctng ntacctttt cntananaan aactaacctc 780  
 nagcccn 787

<210> 3112  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 3112  
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 ttgaattcg gcacgagatt tgtaccaact gtaccatctg cttgttntctg ctccaaactt 120  
 ttaccactt gcttttggtg aagaggtcac ctgcgtatth aaaatatcct tttgtaatgn 180  
 atttgggaaa gtgccaagaa cntntnnaaa tgggtggnaa ttgaaattga aagggcnttt 240  
 aattttcntt aanaaanacc ctnggaggng anataagggt tttatctggn atcagggtnt 300  
 ccaatggcat tgntatanac gtggcncctgg ggcagggata aaatttaaaa aacncaatan 360  
 taagcctcct ggtgacatct ctgccctttt atagtccctn atctggcttg tttgcagggn 420  
 gcaagatggg tnaccacctg acgtncctat gtggtcanna tggtatcaaa aggggntttt 480  
 ctctangacc ccctanaatt tgtggagctg ggttgatca taggaaaatg caagctgtgc 540  
 tgggtgtacac agctagagag ganaatgggt tggatgnnca cctgctntgc angangccna 600  
 tctcagttat tgctgangat aaaaagctng ccttggaatg gaanggaaag gctnnangaa 660  
 cttcccatgc nacctggccc tttttgggta tggncgggtg ccaaacctg ancttgtnt 720  
 taccctngac aaaggngggg ggtttt 746

<210> 3113  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 3113

gnttnnnccct	tttcantnct	tcctcgn	ctttntgcag	gateccctcga	ttattcg	60
gcacgaggtc	tagtataatc	ttgatgctca	aaccagataa	ggacaataca	agaggaag	120
agtataggct	aattctaccc	aataactaaa	tgaagtatta	gcaaaccaga	ttcatcaata	180
atctttttaa	aatcaagaat	taattggatt	taggaatata	acactgtgta	taacaagttt	240
aagagaaata	tatgagaatg	ataagactgc	aattgaaagt	agaggctttc	tctggagggg	300
aaggtgagga	ggatgtgatt	tggaagaaca	gcatggggag	gcatcagttg	tattgtaatg	360
tttatttttt	aagctgaatg	ataggtacgt	agatgttcat	tgtgttcttt	ttgccttttt	420
gtatatctta	aatatatggt	agtgccatga	ttagcaggct	taatagcctt	gtgagtttaa	480
atgtcacttt	caaagtctgt	atTTTTGGTG	gagttgctta	aacacattcc	ccttggnatc	540
tataacaacca	gttaaaaaaa	atcatgtata	naccacccat	tgaaaatata	atggaaatgt	600
actgnatatg	ccattttcat	gaaatggttg	tgtcaaaggg	gcttnttagg	aaaaaaaaag	660
atcgtttaac	tctttttgca	tttaagtgga	aaataaggtg	ggctttngga	aatagtttca	720
acccttgctt	aaccagtttt	ttttttcatg	ctttnn			755

<210> 3114

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3114

ttcaaatacnc	ttgctacttt	cnaatcgctt	ggctactcgn	tctttctgca	ggatcccatc	60
gatgtcgga	ttcggcacga	gangtgtncc	nactgtgccc	tctgctngnc	nctgctccna	120
actntaacnc	anttgcnttt	ggtgnacang	tcacctgctg	gtttaaaatn	tccttttgta	180
atgtatcgng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataaggtttt	atctggatca	ggatatccaat	300
tgcattggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnnccct	ttatagtccc	tcantctggc	tgtttgcang	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	gngtttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaaatggt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggn	ctttttnggg	tatnatngtg	cccngncctt	gaaacngcttt	720
tttaantctg	acaaanatac	aggganttt				749

<210> 3115

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3115

ttnaancctt	tccccctttc	aaatnncttg	gctactngnt	ctttctgcag	gatcccatcg	60
attcgaattc	ggcacgagaa	gtctgttgcc	attccatctc	tgtgttaaca	cttcatattt	120
ttatgaaatt	cagataattt	gtgagaggct	ggcatggatc	taaggattta	ttatttttat	180
tctagtccat	cagttcagtc	gcagttttta	tactaggact	ttaggatgta	cataaatgtg	240
tgactgtttg	tcttgattaa	aagtgcactt	tggcctgggc	atggtggctc	atgcctataa	300
tcccagcact	ttgggaggcc	aaggcgggtg	gctcacttga	ggctaggagt	tcaagactag	360
cgtggccaac	atgaggaaac	cctgtctcta	ctaaaaatac	aaaaattagc	tgggtgtggt	420

ggtgcatgct	tataatccca	gcttggg	aggctgaggc	aggagaatcg	cttacc	480
ggaggtggag	gtttgcagtg	agctcgagat	tatgccactg	tactccancc	gtgggtgaca	540
gaatgagact	ctgtctcaaa	ttaaaaaaa	taaaaaata	atTTTTTTTT	tttaaaagta	600
cccctttgnt	ggctggggca	cggcgactna	cgctgtaat	nccagcacat	tggggaggcc	660
aaggcagggc	agatcaccaa	ggttagggag	ttccanacca	gccttggcca	acatgggnga	720
aacccctgcn	tttactggaa	aann				744

<210> 3116  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 3116						
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ctgagcctgt	gtagtgaagt	gtcttgagga	acgtcagctg	tatcttttag	gaaacccaaa	180
ctgcatagac	attgaaccca	ggcagaaggt	catgaagtca	gagctaagaa	atgctagtgg	240
ggataggggg	tgagatagag	ttgggaaatg	tttcagagct	acaggtgaca	gttgttggtg	300
tccagttgga	tatgtaccat	gaagggaaga	agcagtcaga	gtgggcacca	agctttctag	360
cctggaggac	tgaatggttc	tgtgcacatt	tcagatggaa	agaatagagg	cccacagaaa	420
gttaatgaga	tgcattttat	acataccagt	tttgaatttt	aaggacctgt	ggggtagata	480
tccaagatgg	ctattcccag	taatttgtat	ttatatcttg	ctacatcgca	gaaaggattt	540
gaagcttgct	aacacacata	agatataaga	attaaaaatag	gctggacctt	gggaacctca	600
cacctgtaat	nccagcattt	ttgggggaagg	ccnaagccgg	gttggatcac	tttgaaggtc	660
aagaantttc	cagaccaccc	tggccaacat	tggtnaaaac	ccccattcct	tattaaaaac	720
ttccaaaaat	tancaaaggt	gtggtggtnc	cttnccnta	atcca		765

<210> 3117  
 <211> 830  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(830)  
 <223> n = A,T,C or G

<400> 3117						
gcttcaatgc	ttttcatttc	aaatncttgg	ctctttcaaa	tccttggnac	ncgatcnctt	60
tgcaggancc	cancagcnnn	nntgcggaac	nggcttaacc	agttcgggac	ttacagnang	120
ctaccaatgg	nnnttgcccc	nncgangata	nggatctgcg	ccacatggag	gttttgggnc	180
gggancttna	acgctacctg	cnacnnaatn	tggntgggnt	ccntgttnac	nannttgtnc	240
ttntgccaan	gggcactcan	tnatgcctat	actatnnngc	nnacancata	acgnnnnnct	300
cncnnnatgn	cttnccacatt	ncncaatcat	tntgcntaca	gtatnatgca	tgatangcaa	360
gtagtactg	cntagtgaga	tanggacngg	atctnccnta	caatgt nang	ctgaanntnn	420
acacnnatgc	nacanactan	cntggnaatg	ggatagggac	angtnnnnta	gntcatgnnt	480
gactatgnan	nagtgcnntn	gngannatgn	gatanntgan	cnnnncttga	agnttnaatg	540
gatgnatcca	gcnnatngna	atnnngnaa	cctcntacta	caagactgan	ataaatgnan	600
ttttgacgat	aatgctnaat	aatgnatcta	anatgnaant	taccatgttg	gnaaacttgg	660
gcccatgngc	anaatttnan	aaaaggtttt	ggaaaattgg	aaatggattg	ngtagcaatt	720
aaagcttttn	tacccttang	ngcccnntga	cctcncnngg	gnattganat	naantgnntt	780
ccggaatttg	gcctctgant	attttngctt	ataaatccnn	nttgnccgacn		830

<210> 3118  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 3118  
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 aggcctggac cgctcattcg gactcgtcgg gcagagcttt tgtgctgnct tgcaccagga 120  
 actcagagaa tactatcgat tgctctctgt ttacattct cagctacaac tagaggatga 180  
 ccagggtgtg aatttgggac ttgagagtag tttaacactt cggcgccctc tggtttggac 240  
 ctatgatccc aaaatacgac tgaagaccct tgcggcccta gtggaccact gccaaggaag 300  
 gaaaggaggt gagctggcct cagctgtcca cgcctacaca aaaacaggag acccgtacat 360  
 gcggtctctg gtgcagcaca tcctcagcct cgtgtctcat cctgttttga gcttcctgta 420  
 ccgctggata tatgatggg agcttgagga cacttaccac gaattttttg tagcattcag 480  
 atccaacagt taaaacagat cgactgtggc accgacaagt atactttgag gaaaatcgat 540  
 gattncttcg tttatgaacg atggatcaag tctangaaag gtccttttga taggaaaatc 600  
 aattaaattt cttgcccaag gtttggccat gatcagactt cccacnttca aaaganggat 660  
 nagcttggtg aaccaanttc ttgcagangt caccccaagg aatgcttgn anacctnttt 720  
 cccananttc tggnaaat 738

<210> 3119  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(794)  
 <223> n = A,T,C or G

<400> 3119  
 gnttctaagt cttgggngnt ttcaaannct tggcnnnttt cnaatgcttg gctactngat 60  
 cttntngcan gatcccatcg attcgaatcg gcacgaggag ttttttgtga tattgaggca 120  
 ttcatacaga gctgcagtta gacgggggta cgggggctaa aagcagaaaa aaaattccat 180  
 ttcacggga tggaaactgaa ggattttatt ctataaagcg gccctgggtg aatctggcaa 240  
 ttctttttgc caagatccct agcagaagat ttagccatgt ccttcccctc acttgtgtga 300  
 gtggccccct ctgaatctct ccagcagcca gaggcacgtg agaagcagaa agagctggta 360  
 aataaagcct tgggcaagcg acttcttaga tcagaactca ccaaattggaa gcctagcagc 420  
 tgctccataa acctagcccc attcttcata tcaattttgt ataaatatat agaaacacac 480  
 acacagcctc agacttacaa actgattata ctctaaaagt ttgtatgtca gttagctaaa 540  
 acttcagaat acattttctt cctataaaag agttttaaat gatggttaag ttcttcaagg 600  
 cagntnncna anggcctatt tntnccccaa agggccccct gaacnnttng nccccatan 660  
 aaactggaac ccncntttt tgntantana nccccntggg ggaagtgncc natttnnggg 720  
 gggttaaaaa cccggggggg tggccaanaa aaacnacacn ttntttttcc nattccann 780  
 cnataangag aagg 794

<210> 3120  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 3120  
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 ttgaattcg gcacgagatt tgtaccaact gtaccatctg cttgttnctg ctccaaactt 120  
 ttaccactt gcttttggtg aagaggtcac ctgcgtatgt aaaatatacct tttgtaatgn 180  
 atttgggaaa gtgccaagaa cntntnnaaa tgggtggnaa ttgaaattga aagggcnttt 240  
 aattttcntt aanaaanacc ctnggaggng anataagggt tttatctggn atcagggtnt 300  
 ccaatggcat tgntatanac gtggcnctgg ggcagggaata aaatttataaa aacncaatan 360  
 taagcctcct ggtgacatct ctgccctttt atagtccctn atctggcttg tttgcagggn 420  
 gcaagatggg tnaccacctg acgtnccttat gtggtcanna tggtatcaaa aggggnnttt 480  
 ctctangacc ccctanaatt tgtggagctg ggttgatca taggaaaatg caagctgtgc 540  
 tgggtgtacac agctagagag ganaatgggt tggatgnnca cctgctntgc angangccna 600  
 tctcagttat tgctgangat aaaaagctng ccttggaatg gaanggaaag gctnnangaa 660  
 cttcccatgc nacctggccc tttttgggta tggncgggtg ccaaacctg ancttgtnnt 720  
 taccengac aaaggngggn ggtttt 746

<210> 3121  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 3121  
 gcccctttca ttcaaatacct tggctactcg ttctttntgc aggatcccat cgattcgaat 60  
 tgatgagcct tattaactat cttttcatta tgagacaaag gttctgatta tgcctactgg 120  
 ttgaaatgtt ttaatactagt caagaaggaa aatttgatga ggaagggaagg aatggatata 180  
 ttcagaaggg cttgcctaa gctggaacat ggatagattc cattctaaca taaagatcct 240  
 taagttaaaa tatagatgag ttgactggta gatttggtgg tagttgcttt ctcgggatat 300  
 aagaagcaaa atcaactgct acaagtaaag aggggatggg gaagggtgtg cacatttaaa 360  
 gagagaaagt gtgaaaaagc ctaattgtgg gaatgcacag gtttcaccag atcagatgat 420  
 gtctgggttat tctgtaaatt atagttctta tcccagaaat tactgccttc accatcccta 480  
 atatcttcta atnggtatca tataatgacc cactcttctt atgntatccc aaacagttat 540  
 tgtggcattt aataatggaa tgtncatggg aattttccca ctggccttac ctttctgncc 600  
 ttggggaagc ttaaactctg gaatcttctc aatctgtaaa atggggaatt aaaagtatct 660  
 acctaactga gttgggaatg nanntgaaaa gaaaggccat ttttntaaa tcttggaatt 720  
 tagccaagcc cacntccgat tttatggccc tttcccatng ccctggantg nnn 773

<210> 3122  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 3122  
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 ggtagaaaat gaaataatta aatagatacc atttgagttc tgggagccag gtgaagaagt 120

gtttgtttgt	ttttgagacg	gagttcact	ctgttaccca	ggttgagtg	caatgcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagt	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccagaa	420
ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgtccgtcct	cattttgtct	aatatttttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	caggggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntncntnn	nnannntaat	aaaaaactnn	720
ggncccttng	aactntaggn	gagnccgnnt	ttaccgtana	atccaganct	gaata	775

<210> 3123

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3123

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ggtagaaaaat	gaaataatta	aatagatacc	atttgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttgagtg	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagt	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccagaa	420
ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgtccgtcct	cattttgtct	aatatttttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	caggggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntncntnn	nnannntaat	aaaaaactnn	720
ggncccttng	aactntaggn	gagnccgnnt	ttaccgtana	atccaganct	gaata	775

<210> 3124

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3124

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cggcacgagt	gttcttgtag	tgtttgttgc	tattgttaga	aagattatta	gtgatatgtg	120
gggtgtctta	gctaaacaac	agacacatgt	aagaaaacac	cagtttgatc	atggagagct	180
ggtttaccat	gcattgcaat	tgtttagcata	tacagccctt	ggtattttta	ttatgagact	240
aaaactcttc	ttgacaccac	acatgtgtgt	tatggcatca	ctgatctgct	caagacagct	300
atttggtatg	ctcttttgc	aagtncatcc	tggtgctatt	gtgtttgcta	tattancagc	360
aatgtcaata	caaggttcag	caaactctgca	aacccagtgg	aatattgtag	gggaagttca	420
gcaatttgcc	ccaagaagaa	cttatagaat	ggatcaaata	tagtactaaa	ccagatgcag	480
tgtttgcngg	tgccatgccc	acgatggcaa	gtgttaagct	ctctgcactt	cggcccattg	540

tgaatcatcc	acattatgaa	gaatgtgct	tganagcccn	aacaaaaaat	anattact	600
naaatgtata	ngtacgggaa	aggacnccg	anggaaagt	aaaacgagga	acttgattaa	660
agttnaaaag	gtggaactta	ttancattnc	ctatanaant	agttcatggg	tgtgntaaan	720
aaaggatccn	aagccccctg	tttgcangett	tgccttgga	antttggggg	atgttnggaa	780
gaanacctng	cccaaattgc	ttggggcaaa	aacnttcct			820

<210> 3125  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 3125						
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agcaatatga	atataatgcc	aagtactgat	aaaatacggg	attcatttag	aatcaacata	120
ggtagacaga	ctgttttttag	taagggtttt	ttttttggtg	aataccatgt	ttgggctgtc	180
agacttactt	ttccccctgag	atccatattt	tgtacatgac	ataccagata	tatgcaatat	240
gaaacggaaa	cagttttttca	atctaataatc	caggagtgtt	tgtaataatc	ttgtgaactt	300
gtggctcttg	gtatctggca	ttgataaggc	tgtctactaa	tcctagagaa	agggaagtag	360
actccgtttt	aaagtctagt	ccagtcttat	tcttttagttc	atagaaatgg	tctaagttaa	420
tgatagactc	cgcacttatg	ttcagaaagc	atcatcatta	cagctttggt	gaagggactt	480
ctgagtaang	attatgtttg	cgtctcctgt	tgggtggaag	cccatgaagc	gtaatttcct	540
nctcaccatg	ggcttcttta	ttattgntga	gtttttcata	ctcanggatg	tgaattcaac	600
cttgggtgtt	ccagttcaga	gaaaatattt	catgaaagga	tgaagtgttg	gttcaattct	660
aggaccagna	ttgagtggca	ttatattcca	gangtcctta	tgggaaatgc	tgggatttat	720
tgagtnggtt	tnncaggnc	ttttcgnccc	ntttgccttg	ggactaacta	anacan	776

<210> 3126  
 <211> 813  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(813)  
 <223> n = A,T,C or G

<400> 3126						
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ttcggcacga	ggccacacgg	gccgcatcat	ncctgcaatc	tggttccgct	acgacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccngt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgccggcat	nctggactca	tgcattctca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacaccacgc	300
ctaattggcg	angaccttgg	gcacgcgccg	ccttgccctc	agtgcctgt	ntnctttggc	360
cctcaatctg	gncccaaata	tggctgtgtc	ccaaagggtg	tgtgggaagt	ggggggaaaag	420
tanaggatgg	ctcgatgttt	tgcagctacc	tcttttnccc	gtgttncttt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccccttn	cctggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtcacagg	atcttggggg	acccctccta	aggagaagct	tgcagtctct	600
tcntaagggg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagncccc	caattagggg	nggacaccat	ttaaatgaat	ttgggtttac	720
ttccccctgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cttggggggt	780
tttaagcctt	ttggggaccc	aggnttggcn	nnt			813

<210> 3127  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 3127  
 gnnttnnnnn nttttcaant nnnnggctctg ntcttttgca ggatccctcg attcgaattc 60  
 ggcacgagcc tagtcccaga gtccctggagc ggcatactgg ggggtggctgt gcagtcccag 120  
 catccccaac ccagcatgta tagagagcat ccataccttac atccagctga cccatgccc 180  
 tgctcctccc tgtggctgga ggttcaacaa taacataagt ctcttctttg cctccagat 240  
 atttctccct cgagtggctg ggaaacttgg caagagacca gaggacccaa atgcagaccc 300  
 ttcaagttag gccaaaggcaa tggctgtgcc ctatcttctg agaagaaagt tcagtaattc 360  
 cctgaaaagt caaggtaaag atgatgattc ttttgatcgg aaatcagtgt acccgaggct 420  
 cgctgacaca gagaaacccc aacgcgagga aaggaatggc cagccacacc ttcgcgaaac 480  
 ctgtgggtggc ccaccagtc taacgggaca ggacagagag acagagcagc cctgcactgg 540  
 tttcccttca ccacagccat cctgtccctt cattggctct gggctttcca ctatacacag 600  
 tcacgtcca atgagaaaca agaaggagca cccttcacat ngactccaac tgcaagttgg 660  
 acagcgacat tcaatcctgn actggttaac tggggttact ggatgactcc tggttgccc 720  
 ccatnctttt tgactggga 739

<210> 3128  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 3128  
 ntgttctctc tncnnaaccc tttggnaact ncctctttnt gcaggatccc atcgattcga 60  
 aaatatTTTta gtataagcaa ttggctgtga tgctcaaatt tattgcatcc tcttattgaa 120  
 tttgccaatt tgtaattttt gcataataaa gaaccaaagg tgtaatgttt tgttgagagg 180  
 tgggttaggg attttggccc taaccaatac attgaatgta tgatgactat ttgggaggac 240  
 acatttatgt acccagaggc cccactaat aagtgggtact atggttactt ccttgtgtac 300  
 atttctctta aaagtgatat tatatctgtt tgtatgagaa acccagtaac caataaaatg 360  
 accgcatatt cctgactaaa cgtagtaagg aaaatgcaca ctttgttttt acttttccgt 420  
 ttcatcttaa aggtagttaa gatgaaattt atatgaaagc atttttatca caaaataaaa 480  
 aaggtttgcc aagctcagtg gtgttgnatt ttttattttc caatactgca tccatggcct 540  
 ggcagtgtta cctcatgatg tcataatntg ctgagagaag caaattttct ttcttttctg 600  
 aatcccacaa agcctagcac caaacttcct tttttcttcc ttttaattaag atcataaata 660  
 aaatgatcct gggggaaaaa ngcatctgtc aaaataggga aaacattccc aaaactggag 720  
 ccactcttct tgtgcaccta anccatagct tggtgaccaa acaagatngg ttgcttcaag 780  
 gn 782

<210> 3129  
 <211> 1407  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1407)  
 <223> n = A,T,C or G

<400> 3129  
 acnnnacnnn gnaagnnacn ngaanannng naannnacna anngnanagn gnaananaag 60  
 gngggggnga gaccnccagn nggngnccan naaccccntg ggnaaanngc cnananngca 120  
 ggaaccanc gnanagna gnggnannga ggcagagnac ccgcaggaan cnnnaacann 180  
 gannacaggc aggaacnna caaaaaggag gannngaaa acaaanacan acagnaggc 240  
 caaagnaaaa aacatcagna nncgcnnana cagnncangn annccaagga anaanaagg 300  
 aagganaaac aagngnnna aaagaacaaa ggagngaang ccananangc nnagcnaann 360  
 naaacaanaa cggggganaa ggcganaanc nacngnanna nngcaannag aangaannan 420  
 acgnnngacg gcgannagna nggacagcgn agannnnann nnnnnaggan nnnagnacan 480  
 agnnnacgan cggcacanana ggcgganana gnnngancac angacacaan acanacacga 540  
 ncaggcnng annanacacg gaagcaaaagn agaagngcag aaagananna gaancancnc 600  
 cgagaggcan agncacagna gnnanngcan agnncnanna gnanagnaann agcgacagag 660  
 nnncgaaagn gagnaacaca caangaaanc agannacgag nagacggang aaagggaaga 720  
 caaagagaga ggnangaaan gaaagaaaca gagagngcag aagacncng agagaagaga 780  
 gacagnagna ngagancncg cnnacngana nganaagaca nagaaanaga gngcgnagag 840  
 acnanaggga gcaaacgcag anangagaan agacngaana aagaggagca aannnnaggn 900  
 ngaannncac gaggacagan cncaacaagn ncnnaggcan acgaaaanan acaggacgag 960  
 gangnnacan agcgcganna gncncannng agcgcgaaag aggannanag agaacagcga 1020  
 nagaganngg aagggcagac anaggnaaaa ggggganaca cagcagangc gacacaggan 1080  
 aanngcgagg acggacnggg nggggagaga aaacngngcga ncnggnaagg agaagnanna 1140  
 aggagaggan nagacgacgc nagananang nagnannga agcacannga cggaaacangn 1200  
 ngcacgagca ggcanaacnaa anaaganggn angaaggaan agannncaag ngangaaacn 1260  
 gaaagaggna aagncncgan gagngnacca gacgcagaan nngnagcaca agagaacnga 1320  
 gagagancga naggagaagg gagnganaga naagaagaaa agcgggnaac aaaaaacang 1380  
 ncncnnnag acaaagnggg nggcnng 1407

<210> 3130  
 <211> 876  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(876)  
 <223> n = A,T,C or G

<400> 3130  
 gtcccctttc nntnaatccc tttgggtctt tctgcaggat ccctcgattc gaattcggca 60  
 cgagatacaa atactacgtt ggacgcaagg ctatgtttga cagcgatttt aagcaagatg 120  
 ctggttatgt tgacatagga aatggagatt aggacaacat ttagttcagc gactgacttc 180  
 atgacctaca catnccgcag ggagatgact tagaagcagg ggatatgcc ttggacctgg 240  
 tgtcaaagct ctggtttaaa cagcctcgtg cagtgtgtcg ctaccacaag agctcctgtt 300  
 taaacagcct cgcacggcgt gtcgcttgcc acacctgaca ctattggatt agtttacgtt 360  
 gctgangagt acctgtcatt tgcctttgag cattgtcacc cgtnttaggt ccgaannaac 420  
 caaaatgggt tggatnctng gacccttntt tggctttccn gtnaaaaaat ggctttttgg 480  
 ggntcanaat tgcccnctt gggggggang ctttncntga aaaaaagggt tntnccctnn 540  
 gntgccnaan tttttggccg gaaantttac cccnannccc ttttaaacc aaggggcnaa 600  
 acctnnnttg nttgntttca aacaaaggcc cttttggnaa aaaccccggn nggncntttt 660  
 tttaaattnc cttggngnga nttttcttc antccnnga aaaaccttta aaantnnttc 720  
 cccttanang gaacctttt nnaaaaaaaa gnggttttcc tttaccngaa anccccnccg 780  
 attttttttg gnatnnttna tagggttccc ttnaaattcn ancccgntnn nntgccntt 840  
 naantnnaat canntttaac nttncnnnn naatcc 876

<210> 3131  
 <211> 1195  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1195)  
 <223> n = A,T,C or G

<400> 3131  
 nnnngggnnn nnnnnnnnnn nnnggggggg ggggggnngga nngnggnngn ngnnnnngng 60  
 nnnngnnannn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt 120  
 tggggngaaa aanngcccn aggcenaggg gaatnccnc aanncgggna annngcgggn 180  
 aaaannncgg gccnnacgga gggggngana gaagnnnngn aaggggaggn gggnggcngc 240  
 gggnnnaggc gatagggaaa agngaanga ggngcnnggg gggganngag ggnnnngang 300  
 accggangng anggagcng ngcagnggga nnnacggagn ggggcangnn gancgangaa 360  
 ggcgnagnga ggaaanaaaa ccngggagan ggngctgna gnaannnggn nnaggatggg 420  
 aggaaaaanc atanaaaana ggngccngna ggagagaatn gnccccngng gangggngng 480  
 gnacggggna angnnnangn nagngngggg nngaagcggg ggaannnagn gggnaagnn 540  
 gnnngngagg gggngcgnag gagagngng gngngngggg agganaangn ncngganccn 600  
 gagnngggga ggaagagnng ngggganngn nnggangang nggnngnngg ganngggng 660  
 anaggngnnn nngggngnna tcaggcnggg gagaggangg aagcnggcgg nncgngnga 720  
 ngagcaggcn gngaggnnnc nngnagagcg agngnnngc nancggnnna gagnggagtc 780  
 nnagngngga nggngcgagn nnagngcnng gagngngang ngnagagngg ngnnnnnnag 840  
 ngngcnangn ncnnngngg nagcntgngc nngngggaag gangnnngn ngaggnaag 900  
 nnaggnngng gngagngcgg nagngggcgg acagncgggg nggnngagn nganangnag 960  
 ngngggngng angagngcg ngantgnncg anggcgcngn cgggggagag naganngng 1020  
 gggngaggng gcngnnnnan ggngggacgg aggagnnggn nnagnggggg aggnngancg 1080  
 angngnnan acggcgnggn gnggangngn gacnngagng gaggngngag gagagnggan 1140  
 gggggggngn gcnnngnagg ggnagngcg agnagncnac angangggga gngcg 1195

<210> 3132  
 <211> 1195  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1195)  
 <223> n = A,T,C or G

<400> 3132  
 nnnngggnnn nnnnnnnnnn nnnggggggg ggggggnngga nngnggnngn ngnnnnngng 60  
 nnnngnnannn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt 120  
 tggggngaaa aanngcccn aggcenaggg gaatnccnc aanncgggna annngcgggn 180  
 aaaannncgg gccnnacgga gggggngana gaagnnnngn aaggggaggn gggnggcngc 240  
 gggnnnaggc gatagggaaa agngaanga ggngcnnggg gggganngag ggnnnngang 300  
 accggangng anggagcng ngcagnggga nnnacggagn ggggcangnn gancgangaa 360  
 ggcgnagnga ggaaanaaaa ccngggagan ggngctgna gnaannnggn nnaggatggg 420  
 aggaaaaanc atanaaaana ggngccngna ggagagaatn gnccccngng gangggngng 480  
 gnacggggna angnnnangn nagngngggg nngaagcggg ggaannnagn gggnaagnn 540  
 gnnngngagg gggngcgnag gagagngng gngngngggg agganaangn ncngganccn 600  
 gagnngggga ggaagagnng ngggganngn nnggangang nggnngnngg ganngggng 660  
 anaggngnnn nngggngnna tcaggcnggg gagaggangg aagcnggcgg nncgngnga 720  
 ngagcaggcn gngaggnnnc nngnagagcg agngnnngc nancggnnna gagnggagtc 780  
 nnagngngga nggngcgagn nnagngcnng gagngngang ngnagagngg ngnnnnnnag 840

ngngcnangn	ncnnnggngg	na	ngngc	nnnggggaag	gangnngngn	ng	naag	900
nnaggngngg	gngagngcgg	nag	ngggcgg	acagncgggg	nggnngagn	ng	angnag	960
ngnggggngg	angagngcgg	ngantgnncg	anggcgcngn	cgggggagag	nagannngng			1020
ggngagggng	ngcngnnan	ggngggacgg	aggagnnggn	nnaggngggg	aggnggancg			1080
angnggnan	acggcgnggn	gnggagggnn	gacnngagng	gagggnngag	gagagnggan			1140
gggggggngn	gcnnngnagg	ggngggngcg	agnagncnac	angangggga	gngcg			1195

<210> 3133

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 3133

tgccctctttn	tgcccttttgt	aannnccnct	ttttgcagga	tcccatcgat	tcggattagt	60
angatttnca	ngaaaaataa	ccaccgggtg	gggantaaang	ngcccaaant	cnngtcctaa	120
atgcncagct	ttatgtncct	tgccaccat	ctngngcctc	ttctccattn	gcctcttcct	180
tcctattttcc	cttcgcgtaa	ggaaaaaaat	nggggtcnca	ttngtaaaaag	taattttaat	240
agttaatcat	ctctgagagt	aacctgtatt	ttaatngttg	aaccttaacc	aaantaagat	300
nctgtctnag	ctagggcctt	tcattttgtg	atttagtggt	aagataggaa	tgctagtgtc	360
tctttaatta	attggaaata	gatggaggct	aaaaatgaag	gtttttcttt	gaaactgaat	420
taacttgga	atatttggtg	ttaaaacttc	tttttgccca	aaataactca	ttttgnatta	480
tctgaaaata	tataattttc	ggcatgtgta	tggtaaaata	gaaaattttg	aggaaaaatg	540
gaaatagggg	ggaaaagtac	tcggtaaaca	gtagtaacca	aatattttca	ctccagattt	600
gngttttctc	ttggcaccag	agtagatctt	ttgggaaaat	atattatgaa	aagtnggatt	660
aaagtttgga	ctacccttat	ggttagcccc	catctgggat	gagaacnggt	taccaaagga	720
gtttngggcc	tcttaagggt	gatttggtnc	cccagtgggg	tcaacttttt	gcnaaaattn	780
ccgnaatggg	g					791

<210> 3134

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3134

ncctttcaaa	cgcttgctct	tggtctttnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtgaacacc	cgctgaccc	ttaacaagga	tttctggcag	gaaactcaca	aaanggagaa	120
ctgaaaattt	agacatacag	ttggccattg	taaaaaacat	cagtttcctc	tcatacatc	180
caagtaaacc	aagtaaaata	agtgttgag	taacacttgc	ataaaaagaat	ttaaggagt	240
atagctcttt	ctgttctgcc	attcccaaca	ttcctggggg	aaaggagact	caatgagtta	300
atactatttc	actgagccca	agatggaaac	ttggtttgac	ctaaaacatc	tgattaatat	360
aggctagctg	atttcttaaa	aattcgttgc	attgaaggat	attttgcatg	tctgtaacac	420
nngncantcn	tggttggant	ggattcnna	tntnntnca	nttnntnca	nntaattggg	480
caaatnantt	tngcnntaaa	tantncngnn	tcctnnngnc	aaaatcnnga	atcctnaggg	540
atgggtccaa	cccttttatg	gntggcctga	aaangngaag	aatggggaat	tcctnttaaa	600
ccnttcatt	caaaaaaaa	aaaaaaa	cctnggccct	tttnnaactt	ttnggggngc	660
ccgttttccc	ttanaanccg	accttgata	ggaaccattg	gatgaatttn	ggccaaancc	720
ccaacttgga	atggcnntgg	aaaaaaaag	cctttaantt	ggggnaaatt	tggggaaggc	780

<210> 3135  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

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<400> 3135
tcnctcctna aatcgttggc gctctcttgc aggatccctc gattcgaatt cggcacgagc      60
tctcaaatag aaatgggaga taagaaatat atctgtgcaa tattaaattg aaaaaaaaaa     120
cccataaaaa gtgtcaaagg caaataattt gctctagatc acaaaactag ttagcacaag     180
gctaggatta taaccagggt ctaggaaaaa atcctgaagg tgatttaact gagtgtagg     240
ccctgtcaag ccacctgcta aggcctcatgg tctttcagac tagcttcaac attccaaatc     300
aggcaatagc tacaacggaa agataattgg acggggaatc ctgagatcag agtcctagtt     360
tggtcttgtc tcttgttagc ggatttttta aatcaggggc agctctcttc tcccatccca     420
gccatgaatc tttcaacctt agtggtcacc aacttgactc cattccttat atcaagcctt     480
gtcctgtcaa ttctccctta aatgttagtt gcatccattt ctaaataatat ccatggccat     540
caccctagta aaaagactat tacctcacac cccgcacttg atcttcccc cactttaagt     600
gactcagttc cttatatcac tgccacaaga attaacaccc atgtccatct tttcattttc     660
tgctgaaaga ttttcagtggt ttcccacttg aatnccaaat aaagttcgaa tcccttanaa     720
tggcattcac agccttntac ttctgggnccc acttttatnt                          760
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<210> 3136  
 <211> 813  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(813)  
 <223> n = A,T,C or G

```
<400> 3136
gcctccttct ttcaaaacnc ttggctactn gttctttttg caggatccca tcgattcgaa      60
ttcggcacga ggccacacgg gccgcatcat ncctgcaatc tggttccgct acgacctcag     120
ccccatcacg gtcaagtaca cagagagacg gnagcccgnt gtacagattc atcaccacga     180
tctgtgccat cattggcggg accttnaccg ncgcgggcat nctggactca tgcattctca     240
cagcctntga ggcctggaag aagatccagc tgggcaagat gcattgacgc cacaccacgc     300
ctaattggcg angacctggg gcacgcgcag ccttgccctc agtgccctgt ntnccttggc     360
cctcaatctg gncccaaadc tggctgtgtc ccaaagggtg tgtgggaagt ggggggaaag     420
tanaggatgg ctgatgttt tgcagctacc tcttttcccc gtgttncttt ttagacaaat     480
tacactgcct gaagttgcan ttcccccttn cctgggggagc ccnaagaaca gagtcnnggc     540
anggggtggg gagtccaggg atcttggggg acccctccta aggagaagct tgcagtctct     600
tcntaagggg gaacatccca gaatgcatta tcgantcagc ttnttaagcc caggctttan     660
acaaattctt nnnagncccc caattagggt nggacaccat ttaaataaat ttgggtttac     720
ttccccctgg ggcaagncca anccttgccc ccanaaggct acncanaaac cttggggggt     780
ttaaagcctt ttggggaccc aggnttggcn nnt                                813
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<210> 3137  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens



<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3137

gntcaatacc	tgctactgnt	ctttntgcgg	attccatcgt	tcgttcttca	tgtttatatt	60
tcagagttct	taatagtgat	acttaaatat	actatTTTT	ccctgtactt	tcgaagattt	120
ggatatgagt	tttcagattt	aaatgtggga	actcatttga	gtataatccg	tgaacagcat	180
ttgttcaaca	catttttggg	gaggccctgc	tatatacaag	tcattttcca	agtcctactg	240
aggtattggg	gttatccaga	ttgtattatg	gagaagctag	tggtctttaa	gaaataaaga	300
aataaggcta	aaactcttta	acagggtaga	aaggggcagt	tcatagggga	gggaaatagt	360
atagaacatt	catcctagga	atacaagtga	aatcactcaa	attacatgt	agtcaatata	420
cagattgntc	agtgccctct	atgtgccag	cagtgtgcta	ggcccagggg	tacaatgaag	480
aagaaccctg	ccctcaaaaa	atgcagccta	aaagttttct	tatggaaact	ggaaatcaag	540
tttgggtctg	gcattagagg	cttttcttaa	tgtattcacc	tggtgtgttc	aggtantttc	600
tgaagatata	gaaatgtttg	atgaaatgaa	tgaagatacn	gaatggtang	attccagtat	660
caagctctat	ctcataacag	ttacatttcc	tactaccttg	caaaccctnt	ccntactatt	720
atttaatacc	cttttttcac	cccn				744

<210> 3138

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3138

aancccttt	tnnangcgnt	tcctntncanc	tnaaancgnt	tgnaactcnc	nctntctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	aagaatttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtaggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	ggtggatgan	540
gttggagtgc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtctttccc	600
attcacttct	ctagaaagct	gccaagacag	aagcagaaaag	aaatgggatg	atagttctgt	660
caaagcacac	ttctggnctc	ttagaacctt	agaagtgnnt	ctaagagAAC	agaagttatt	720
aagaagaaac	nagntacgtg	tggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3139

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 3139

ttcattccct	ggctntgntc	ttgcagg	nacccatcga	ttcgaattcg	gcagggtt	60
aaactgtcag	tattggatct	tagagtaaa	tgattattag	gactgtaata	gtacttatta	120
ggactgtaaa	aggtaaagga	ttattatctg	cattagaatt	tcntanatct	aaaggatttn	180
ganactngag	acntttannn	ccaggnttct	tttccctnaan	tcnnaaatte	caaattcatt	240
ngaantnggg	aaagtgatgg	gggnacaant	ngcntncnat	ccagggnntc	taaantngnn	300
ncanntggcn	cncnnncgnt	aaanntactn	tantntnccn	tgagcccngn	taaaaaactg	360
ngttacccct	tgacgactag	tggngattat	cnatttttnc	ccttnancgg	gccctnattt	420
cttctaacc	cccacnntgc	cttnntngat	ttaaanaacc	ttttgggngc	aattccctnc	480
ctntccta	ttangcccc	cngangagtt	ttatccnccn	gnngnaataa	attnccccca	540
agggaattgg	aatccaancc	ccccaaanaa	attnnngncc	ccccctttt	aatnggnctg	600
nnttgggntg	ggnaaaanag	gnttttnttt	atccaaagcc	nggggttttn	caataaanna	660
gntnnccngg	ncccaataat	atttttaaa	ngcnaccctt	ttttnnnana	aanctttttc	720
ccccctttt	tttcnagggg	gggggntat	tccanngggn	nnaanccctn	actgnnaggg	780
ggccaatntt	aaatgcnc	ccctttggcc	cttcaccccc	aaccccnttt	ttntntttnt	840
tttttnnacc	naanncaa	tccgnttttt	gggttncccc	c		881

<210> 3140

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 3140

nntcnatacc	ttntctactn	gntctttttg	caggatccca	tcgattcggg	ctcagagggg	60
ttatgattcg	gagggttctg	ccgcacggca	tgggcggggg	cctcttgacc	cggagccagg	120
cacgcgcaga	ggagcttttc	tctgggtaaa	gttgaggacg	acagagggta	ttgtggttct	180
gggttgctcc	caacctccga	ctgtgtgtcc	ttcaggaccc	gaaaccatgg	cccacactgg	240
caggacagtg	ggtcggtctg	gggaaggggg	ttagcttacc	taccagagct	tgtaggggct	300
gtgcaggtgt	atggtcccca	aggcgccctt	tttcagggtg	caggtctcac	atcattctcc	360
atttaagctt	acagtcagac	tgattgataa	tgggtggcac	agatgtgcat	taagtcctgc	420
ccgtgttcag	gatgctgtac	ttagtgtgtg	tgcggtaaa	gagtgaagag	aagacgggat	480
tcagtgaatg	ttctggaaaa	tggctagagt	gtacctagag	agggaataat	tcaatagaca	540
gtaggccagt	tcaagactgg	atagaagccg	ggcgccgggc	ctgtaatcct	agcacttttg	600
gangtcaagc	cgggtgatca	cctgagctca	aganttcgag	agcacctgac	caacatggtn	660
aaacaccgct	tttctaaaaa	tncaaaatta	gctaggtgtg	gtgggtgggct	cctgtaatcc	720
aggac						725

<210> 3141

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3141

ctaatagctn	ngccnactcg	ctctttctgc	aggattcctc	gattcgagaa	catgaaggta	60
gcacagaaaa	agagatgctg	tcttgagggg	aatgttttat	ttcaggaaag	atatttgcaa	120
agggtggcaat	gcagtgggtg	atggttgtgg	caaggcccaa	acagcacgga	gctcgctgca	180
gaggagtaca	ccctcatgag	catagacacc	atcatcaatg	ggaaggaagg	tgtgtttcct	240
ggactgatcc	caattctgaa	ctcttacctt	gaaaacatgg	aagtggatgt	ggacaccaga	300

tgtagtattc	tgaactacct	aa	caatt	aagaagagag	catctggaga	ac	cgaca	360
gttgccagat	ggatgagga	gtt	atcgca	aaccatctg	actacaagca	aga	agtgtc	420
ataactgatg	aatgaatta	tagccttatt	ttgaagtgt	accaaattgc	aatgaatta			480
tgtgaatgcc	cagagttact	tggatcagca	tttaggaaag	taaaatatag	tgggaaagta			540
aaactgactc	atccaactag	acattctaca	gaaagaaaaa	atgcattatt	gacgaactgg			600
ctacagtacc	atgcctnttc	anccagcccg	gtgtgtataa	tatgaaagac	canatgatag			660
aactgtactg	ttttctgggc	cagtgaccca	gaaattggat	taangctttc	tttggtangg			720
taaatctaga	agtttataca	ntggn						745

<210> 3142

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3142

tttaagccct	ttctactnct	cttttgcagg	attccatcgn	ttcgaattcg	gcacgaggat	60
ctctatacta	gtgaacagtg	ccagttccac	actttggact	tagaactggt	ctctagttat	120
tgtaacacag	aatactgtca	atccctaatt	tacttaatgt	tacttattgg	aagtggggct	180
gatgaaat	gcacaggagg	gaaatctact	gtgttttaggc	acaggcagnc	ccagtgtata	240
aggagatcat	attccaaang	gttgtcagtt	ggntgtttgc	aacctggaat	gtattttcct	300
ttagagacca	ngttatccat	ggtgggttagg	cccctagagc	agctggaaaa	agatgatcaa	360
accaatagg	tngctgacat	cnaataatgt	aataagtttg	ctaaaggaat	ctaccatcaa	420
atntnatatt	gnttccaggg	aagggtgttn	nttaanntnc	cntcttngtg	ncatantgga	480
cnntcccntn	ccagtcant	ncntnannnc	tngggcnngt	ntngnnttng	tntntttngn	540
cnctnanca	atatttcata	tcnccccctng	ctaaaattct	ttnanannaa	nttctcantt	600
tctcccttta	ctanaanttt	ngtntttnt	ccntttanta	tttnnnccta	tntntntcgt	660
tcnnanatnt	cattnnntnn	ttntnngctn	ntnnatcacc	cttanctcnn	tctcanntat	720
cntnntcnta	ttatctctnt	attntctnct	tntnatnate	nttccnnntt	gtntanncna	780
ttatntcttg	ttntntnct	cncatctctn	tentnttctc	ngctnannnn	actccnnnnn	840
tcncnctent	nnnnanatin	atatnctnct	ttngntatat	annnnntnt	ntacntanct	900
cnnnatnna	tnncnatatn	nttngt				926

<210> 3143

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3143

tnaagnctt	tctnttgctc	tntttgcagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtgggtgtgat	gaagctacag	taggggagat	cactcatgct	aggtatggat	ctccttacct	120
ttggcctctg	aatcatattt	tggcctatca	aaaacagtg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccaggtctta	gaggatgtag	accagtgtctg	240
tcaagctctc	tctcaaagac	tgggaacaca	accgtatttc	ttcaataagc	agcctactga	300
acttgacgca	ctgggtatttg	gccatctata	caccattctt	accacacaat	tgacaaatga	360
tgaactttct	gagaagggtga	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaagg	caggctgtca	tagagttatg	tgtagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttgggtgtca	540

gaattttaaa acccaaattt ac ctttt tggaaacctt cnaaattata tt ggtat	600
cttnatgnat tgtgccttta taactggcna ttttggggnn tttncntttt naaanaaaaa	660
ttcctngaaa tttattttta antccnggaa taatgntnng gnaattcctg nnattccttg	720
gnnaantttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt	780
aaaagnctt taaancaaac ctggg	805

<210> 3144

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 3144

gtncttngtg nctntcngna actccctctn tctgcaggat ccctcgattc ggagaggagc	60
aggtgcagtg attcataccc actctatngc ttttgtgatg gccacccttc tctttccagg	120
acgggagttt aaaattacac atcaagagat gataaaagga ataaagaaat gtacttccgg	180
aggttattat agatatgatg atatgttagt ggtacccatt attgagaatn cacctgagga	240
gaaagacctc aaagatagaa tggctcatgc aatgaatgaa taccagact cctgtgcagt	300
actggtcaga cgtcatggag tatatgtgtg gggggaaaca tgggagaagg ccaaaaccat	360
gtgtgagtgat tatgactatt natttgatat tgccgtatca atgaagaaag taggacttga	420
tccttcacag ctcccagttg gagaaaatgg aattgtctaa gccaaaagaa agtctaatta	480
tatacagaga taaagctaaa cgtaattatt atttaaatga aagctatttt tttaaatgaa	540
attggaaatt ttttcatgga tgccctnctaa atttggnacac ttaaatacct gcaaaaatgg	600
gcncacctgg aaacctcttc tgaccatttg gaatggtaat tnggccttaa taattccttn	660
aataaatttt ttaaaaatga angggcccc agnnggaaaa attggnaaaa aatttttnaa	720
tancntccna anggtnnnct ggggntaaat tttttttaa aatccccctt aaaccagccc	780
aaaaattatt tttggnccct ttaaatctcc ctttnnntna aaantantac cntcttcagg	840
aagnaaattc c	851

<210> 3145

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3145

gctcnatgct tngcnatcgc ncctttgagg attcatcctt tcgggaactt ttgaagagaa	60
aaattcgagc tagagggatt cttaaagcct taagttactt gaaatctatg tatttgcaac	120
cctttgtctc tggaatcata ttacactaaa ctggaatctc aggtcgaatg agaataaacc	180
agtggagtaa aaagaagaaa accgtttctt gatcaccact taattaacga tgctctttct	240
caaaggatc agcacgttct tctctgaga acttgaaaat acaaatggac cccatgtttt	300
tttaagcatt accttttctt agaagactgc catcatcttt tatagaggaa ttttttct	360
atgcanttcn gtggatcttt ataaaatact gaccttctaa ttagattcag gtcagtctta	420
attaaagggg gaaaaaaagc aacgcaagcn caaccacagn aacnccatat tcccaaata	480
aaggaaattt ggttttaaat ttcacagcat taaacattac tttttaaagt aaaacnagtt	540
catttgaaga aagtatgtat tgcancnant ggaacatggg cctggngctt ttgcagtggc	600
cttcaacctn ctgtgcctgt ctggaanggg cgtgttccca agagtgagan ggagaagcct	660
ggtgtncang aaacgctcct attaangaaa gnttnncttg gccaccgggc caacggggcn	720
aagaatggtt tggggtggnt ttnacctctt atcantgc	758

<210> 3146  
 <211> 880  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

<400> 3146

cgctttttca	natcggttggc	tactcggttct	ttntgcagga	tcccatcgat	tcggttgagaa	60
cctgcctcta	tcccagaatg	tgctggagat	ttgacactca	natcantgtn	tngncttctg	120
cttggnccca	tancttaacc	tgcaagtgnct	tcaaaatgcc	caatgccttg	tttcctatta	180
ccttanatng	cnnnccagtc	tagggaagtc	tatgagaaaag	tngcatttaa	ttaaagttta	240
aaaaaaaaaa	ggttgggcnt	tgnggctcat	gcctgtaatc	ccagcacttt	gggaggctga	300
cgcggttgga	tcactaggtc	angagttcaa	gaccagnctg	nccaacatgg	tgaaaccctg	360
tctgaactnn	naatacnaaa	attagctgag	catgggtggcg	tgtgcctgta	tctnagctac	420
tcacganctg	nggcaggana	atcgcttgaa	cccannaggc	ngaggctgca	gtgagctgag	480
attgtgccac	tgcaactcaa	cctgggagga	caganctaga	ctcagtctca	aaaccanaaa	540
aaaangccnt	tttttctggt	ttnaaatggt	ttnggaanac	tttttttttn	tttgggtccc	600
ntancctttt	ccctngaaac	ccctttttct	tggaancccc	tnaancccaa	aaatttttat	660
tagcccnttt	tttnannaag	gggggtttta	tncttaaagg	ggccntttan	ccttcaatnc	720
naaaaaaaaa	aaattgcccc	gcnaggncn	ttttacccga	gttgcaaatt	taattttnaa	780
taacccaact	ntgggccttt	aaaatttaan	annnaagntt	cttgggtnac	ccnanntntn	840
tnggggccct	tttttgnaaa	accctttata	ngggggggng			880

<210> 3147  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 3147

caatgcctgc	tngtcgtcgt	tgcggnctcat	cgttcgggttt	tttgggtgaac	actgatttta	60
ttggtgtctt	agatccctag	tctacccaaa	taatttttaac	agtactgttt	tttctaattc	120
tgaagtctga	tatttatgac	tcattagcag	gaatcaaaac	tagtgatcag	tagaacactt	180
tcaaaataaa	aattttggaat	gcagactttt	atgaaaattt	aaaagtgtct	cttaacagaa	240
tatcatgggt	tttcctataa	aactttcttta	agtattgtaa	ttccagtctg	ccccaactta	300
aaaaaaaaatt	cttattaata	tgtcagtcac	taattgctag	tttgggctct	cattatttcc	360
tgtttttttaa	caatttttggt	ataattttat	tattggcaaa	ttaatacatc	aacacttaaa	420
tcattgacta	taataatacc	ttctggctac	ctctgtatca	accaaattct	gtaggtgcaa	480
acatatacca	gggaattctt	actggcaaaa	tgatcaatct	ggagtgtgca	tccactgtga	540
atggagcaaa	ttgccctata	cccattgata	acctagcttt	cttagtttgt	agatgtagga	600
aacaaaatag	tgacagagag	agaagggggg	ccacagggca	tggtatatatt	atcagcagtg	660
gaaaaaaaagt	gcatagatca	tttagtccaa	gaacttaaaa	ctaaattgag	ccataattta	720
ctt						723

<210> 3148  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3148

gcttcaatan	ctttttctaa	ngctcttttt	gcaggattcc	atcgattcga	attcggcacg	60
agagtaccca	nanttgcnag	gagtntnntn	actgatntag	ccagggtggca	atnatgagtg	120
aatggatnaa	naaaggcccc	ttagaatggc	aagatnncat	ttacnnagag	gtccnagtgn	180
canccagtga	cangaatgag	tttnaagggg	tgggttttaa	ctacagaccc	agnctctgcc	240
aatatngacc	ttgtgaactt	ccttgaagat	ggcancatgt	ctgagaccgg	aattatggga	300
catgctgtgc	agactgttga	aactntgaat	gaagggggacc	atagagttag	ggataagctg	360
atgcattttg	ttcacgtctg	gagactgcaa	agcatacagc	ccacaggatc	tgggaagagag	420
aaagaacagc	ctanagnaana	tggctngaga	ngaaccacat	tcccatcact	gaacagggan	480
acgcttcaag	gactctctgt	gtggctgggg	ncctgactat	ngaccaccca	tatggtcana	540
naaattncac	cagctctnat	gagantattn	tgtcgcgtgt	tcaggatctt	antgaaggac	600
atcttacant	ttnccaanna	naagncatga	aatgtgacat	tctgcttgaa	naagacnata	660
ttttatcctc	atnaatgttt	aaatgtaaaa	nnnnananaa	aanactcgag	ctntnaaatn	720
tngtgagttn	anang					735

<210> 3149

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3149

gcttctaata	g	cttttcgant	ngcnntcntt	gcaggatttc	caaatancttg	gntgcatcct	60
ctgatggcnc	t	gtaaaagatc	tggaaatatga	agaccacaga	atgttcaa	aat accttttaa	120
ccctgngcan	c	caccgcangg	acagatatta	ccgtcaacag	tgtgattcta	cttcctaaaa	180
accctgnmca	c	tnngtggtg	tgcaacagat	caaacacggn	ggcatcatg	aacatgcagg	240
ggccanattg	t	cagaanctt	cantttctggt	annagagang	gtngggactt	tgnntgctgt	300
gccctctctt	c	ccgtgggtga	atggatctac	tgngtanggg	aggactttgn	gctctactgt	360
ntcngttcan	c	nactggcaa	actgganaga	actttgacag	tgcaacgaga	nggatgtgaa	420
tggtattgca	c	atcanctc	atcannaacc	tgattgctac	ctacagtnan	nnatggactt	480
ctaannctct	g	ganncatn	antcaacttt	tcttgataa	atnagctcna	aagcntntac	540
tttaaatgaa	g	ccatnntca	tggtaatgtg	ctttnatntg	ttttttgce	nnctgttcta	600
aancaaatat	c	nattgtcnna	aattnannnc	cncaaataaa	ttttttgtgg	aaananttna	660
tgnttttnaa	a	nttagcnaa	nctnncccn	tntctctttg	tgtgaanatt	aagcttttaa	720
agggnagt	t	nggnntant	ccatnctt	naaactgggn	tgncgggtca	acnttaaang	780
ntcaaacaat	t	aaanncn					798

<210> 3150

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3150

gnntctatnc	tnggctcttg	no	ctgca	ggatttctaa	tgcttggatt	cg	cgaga	60
tcaccctggc	acgttcccct	cagctgggct	ctgcagggca	gctaagattg	ggctctgatg			120
ttcctggctt	cagtcctacc	cgggttatgc	agctacggct	tcatacatat	accagttgca			180
ctaacttggg	atgaaaatta	agttaaaacc	agtagaaaat	ttcatcctat	gttttgggtg			240
taaaagaagc	aatgaacaa	atgaatagag	gctgccaaac	agttgtctca	ccaactgttc			300
cgactagcta	acaagattag	ctaggtcata	cctagtcgta	aaagaatact	ataagaactc			360
agaaattcga	catatttcta	ctacttgctt	gtcatgtaga	taaacagatt	aaaagaacca			420
taaaaaaca	aagagaaaat	aatagtagga	ttagagagca	tgttatcatc	tcatgggctc			480
acttggcctt	agaaagaggt	gtttatccat	catgaatatg	aatccagggg	tctgaatgga			540
tataagagaa	ccaaatgtaa	cagaaaattta	atatcatttt	ttcctctgag	atgaaacatt			600
ttacattttc	cagtttatta	gataaaaatta	ctaaacatgt	tctagaccct	ggagttgtag			660
attttatgat	gttggctgct	gtggantggc	catgactggg	ttttcaaata	ntaatttgat			720
ttctttttta	tc							732

<210> 3151

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 3151

gtnnncttca	ttcaatccct	ttgcanntgc	tctttttgca	ggatccctcg	attcgaattc	60
ggcacgagct	tgacttccaa	ctgcccctga	gatttgnnct	ccagtataag	gggcaagcgg	120
gtgccctgga	ncgtccantc	ctnattcanc	nancanggct	tggnntttnt	gnaaaaactt	180
gttggmagtc	ctgncanaaa	agctgcggcg	gaaatgggca	ctgtggcttt	ccccgtttca	240
ggntgggtgn	gattcctgtg	gggagtgagc	aagaggaata	cgccaaaaag	ggacagcnga	300
ncctgcnggc	tgcaanactg	gtcagtgacc	tggatgcana	ctttttgact	gaccctttag	360
accngagaaa	tcctaccggg	ccccannttt	gncccantaa	caaanttttc	angttttgnt	420
gggttnggcc	cataaaanaa	gcaactgggt	ngaanaaaca	anttgaacn	ttttcgggaa	480
aaaaangcta	ntttggngca	ccntttgccg	caatttgggg	anattttccc	tngnnaaana	540
ngttttnncc	ccnttgggtc	gacaattttt	cccnaaaata	ntctnmcggg	gtctnnnaaa	600
antntccngn	gngnanaaat	ttttttttng	gnnctcntnt	nanannnttt	ntnttgngna	660
tcnaaaanaa	nttgntnatt	tgacaaatna	ngcncnaant	ataanntggn	aaanccccnc	720
aaacctgttg	aaaacaantg	tnnccccccn	aaattttttna	naaanactgn	ttggagaccn	780
aaattnttta	tnttctntan	naaaaaaaan	ttttgttngn	gnncccnctc	aatntgnggg	840
tggnaaacttt	tcatncnnan	ttnttttggg	taggtaaatt	ntnatcttct	ncttnaanaa	900
aaaaattcnc						910

<210> 3152

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3152

gnttnnnctt	tttcantnct	tggtctctcg	ctttntgcag	gatccctcga	ttcgaattcg	60
gcacgaggtc	tagtataatc	ttgatgtctc	aaccagataa	ggacaataca	agaaaggaag	120
agtataggct	aattctaccc	aataactaaa	tgaagtatta	gcaaaccaga	ttcatcaata	180
atcttttaaa	aatcaagaat	taattggatt	taggaatata	acactgtgta	taacaagttt	240

aagagaaata	tatgagaatg	atgactgc	aattgaaagt	agaggctttc	tctaggga	300
aaggtgagga	ggatgtgatt	tggagaaca	gcatggggag	gcatcagttg	tatgtaatg	360
tttatttttt	aagctgaatg	ataggtacgt	agatgttcat	tgtgttcttt	ttgccttttt	420
gtatatctta	aatatatggt	agtgccatga	ttagcaggct	taatagcctt	gtgagtttaa	480
atgtcacttt	caaatgctgt	atTTTTggtg	gagttgctta	aacacattcc	ccttggnatc	540
tatacaacca	gttaaaaaaa	atcatgtata	naccacccat	tgaaaatata	atggaaatgt	600
actgnatatg	ccattttcat	gaaatggttg	tgtcaaaggg	gcttnttagg	aaaaaaaaag	660
atcgtttaac	tctttttgca	tttaagtgga	aaataaggtg	ggctttngga	aatagtttca	720
acccttgctt	aaccagtttt	ttttttcatg	cttnn			755

<210> 3153

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3153

tnaagncett	tctnttgctc	tnnttgccagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtggtgtgat	gaagctacag	taggggagat	cactcatgct	aggtatggat	ctccttacct	120
ttggcctctg	aatcatattt	tggcctatca	aaaacagtgg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccaggtctta	gaggatgtag	accagtgcctg	240
tcaagctctc	tctcaaagac	tgggaacaca	accgtatttc	ttcaataagc	agcctactga	300
acttgacgca	ctgggtatttg	gccatctata	caccattctt	accacacaat	tgacaaatga	360
tgaactttct	gagaagggtga	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaagg	caggctgtca	tagagttagt	tgttagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttgggtgtca	540
gaatttttaa	acccaaatth	actggctttt	tggaaacctt	cnaaattata	ttaatgggtat	600
cttnatgnat	tgtgccttta	taattggcna	ttttggggnn	tttncntttt	naaanaaaaa	660
ttcctngaaa	tttattttta	antccnggaa	taatgntnng	gnaattcctg	nnattccttg	720
gnnaantttt	tntggngttc	cctttgggaa	accantggcc	ttngcctttt	tannaaantt	780
aaaagncttt	taaancaaac	ctggg				805

<210> 3154

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3154

tnnnnnnntt	tcaatntttt	ancgtccctt	aggatccntc	gattcgatcc	agatgggata	60
cctctaataa	cgaaaagaaa	gaagattcca	ttantgaatt	tttaagtttg	gtttnatcaa	120
aagccgagcc	acctangcaa	cagtcacccc	ccttagtaaa	caaagaggaa	nagcatgcac	180
cagaatcatc	cgaaatnag	acagtcaaca	aagatgtgga	cgcacaggct	gaangagaag	240
gganccgcca	tccatggact	tattcatggc	catctttgcc	agttcctcat	atgaaaagtc	300
ctnatcctgc	gangatganc	acggtgacag	tnaanatgat	caggcacgct	ctggngagga	360
caacttccaa	agctggnaag	acactgactt	ggnggaaaca	tcatctgtgg	ctcacgctnt	420
tgtgccagng	ccctaggagc	cgtcaccttc	cttcccagata	caaangatgc	agatagatna	480
naganaagag	ntcgccngn	ngctgcctcc	cgtcttatgt	nccaatgctc	gtcagacact	540
tgaagttntc	canaaagaga	aacattccaa	gaacaaagac	nagcacaang	gcaatanaga	600



acacaggccn gaaagaattg aa	aaatt ggaaacactn gaagcacnaa a	taang	660
naatccaaaa naattggcaa accaggggaa	aagtaggtnc ctncgngaag tttgacagc		720
cngcggacaa gccanaattg acnatgaaac	cgcatacgtg tcttnc		766

<210> 3155  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

<400> 3155		
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tcctctttnt gnaggatccc atcgattcgt	gaaagaggag atcgggtgacc tgggctcctt	120
atgtgcctga atgagtttga gtttcctgtt	aactccaaat caacagtatt ttcaacaaga	180
aatgtgcaat tgaaatcaag tgctgtttaa	gtgcagctag gantccacag gaagacactt	240
gcagtgaaca gagttatgga gcagcaaaaa	cacagatcta tttggaaaaa gagaaaacat	300
atgcgttgta ttttgcctca attataaaat	accatcctct caaagggtgt tctaaattac	360
aaaggacttt gatttctagg tagattctgg	gtagagactt cctttcatat tgaggcatta	420
atgacacctt ttaacctggg aagcaatatg	actggagttg tactttgaga agattaatca	480
ggtttggttg cagaatgaaa gagaagatga	agtcaagaga ttggttttaga ggctctagca	540
gaagcttagt catatttcaa aatgatcaaa	tatcaagaaa aattctgagc tgcataactt	600
gtataaagta attttcagtg atttttttca	tggttatgat aaaagaactg gattagcaga	660
aacttttacc ctgaatcaag atttaatttt	tctttgagct catcttaagg atatcggaac	720
atagggagca aacgatggtg tggctgcctc	antgcttgaa ttttaacngt tttgaaan	778

<210> 3156  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 3156		
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gaggtttcat ttaagaagaa tgantagat	anatgtgctc ttctgggttac cccaccctga	120
cagagtgcac ttttacacgg ctagcagggg	ttgagactgc agcctggcct gccagccatt	180
ggaggtgttt aaggaagggc agataatgtg	actctttgcg gggtgccatc tgcttaccga	240
ttagcgagca naggggggtt ctgcgggtga	ccccagcat atttctaggt tacttatggg	300
cagatttgta agtgacaaaa ctccagctga	tgctgggaat ggggagaggg cccttgaggg	360
acttttggtt tttgtgcttc tggtttctc	gccaacccca gggtcacttg tctggaggcc	420
cagctgggca ctaatgtctg ccaccgacta	tggttaaagt tataaatgat tcctctatct	480
gggagagatc ttccaatcca gaggagcccn	tcttgactg cctgggttaa atctgcatan	540
cagangtggt tgatgaagt catctgaaga	aattcagccc cacctnccca ccctgccntt	600
cctgtccct tttgatagt gcttctgggt	actcgggcn gtncttggga caccancctt	660
ntctgggggt ctnaagccat cccgttgggg	ctgtcggcca agcctaagtt aatcgtgtgc	720
ctntattggg aggatngctn ntcct		745

<210> 3157  
 <211> 762  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3157

ttnnnnnnct	ccnaatcctc	engatnanat	cnccttgnan	ctncctgcag	gatcccatcg	60
attcgaattc	ggcacgaggt	ccatacatgg	agctccctgg	agcccgtgtg	ntntcgtgtg	120
actgaacgtt	ttgtgatgaa	aggaggagag	gctgtctgcc	tttatgagga	gccagtgtct	180
gaattgctga	ggagatgtgg	gaattgcaca	cgggaaagct	gtgtggtttc	cttttacctt	240
tcagctgacc	atgaactcct	gagcccagcc	aactaccact	tcctgtcctc	accgaaggan	300
gccntngggc	tctgcaaggc	gcanatcact	gccatcatct	ntcagcaagg	ngacntatat	360
gtnnntgacc	tgnagacctc	agctgacnct	nccttngtan	ggttngatnt	nggaagcatc	420
ccaaggngat	ttagngacnn	tggantcctn	atnactgata	anacncnaac	tatantnttt	480
tacccttggn	agcccaccag	caagaatgag	ttggagcaat	cttttcatgt	gacctnctta	540
acanatatac	tctgaatgaa	tctacgttgt	atttatcagg	nggacaatgg	gaataaagcn	600
ttntaaagc	accnantgga	catgaaagca	acagacacna	ggagnnaagc	cttgagacat	660
gtctgnntc	tgaccgcatn	ttgatccant	gntctgtgan	gantttttca	ctgaacattt	720
tcaagaggag	ggtnataacc	cctggcaatn	gcccnaanaa	ag		762

<210> 3158

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3158

tgntttcccn	ctnagatcct	ttctcacaac	cttgtantgc	tgcanatcc	catcgattcg	60
cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt	120
ggcggttgca	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcccttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatggtcaa	ctgcttcagc	tttgtnttgg	caaccccctg	cccgaanncg	300
catntaggct	gctcttcacc	ttgtttccaa	ggctgangaa	cagaaagtag	cctntgtttt	360
gaggangtng	aagttnanta	tacatnnatt	ttntactgng	actngntcag	gaccacattt	420
tacaaaatgc	ctngtttcct	tcattgnntc	tggaaaggaa	agttctatta	atattgnttt	480
actntgaata	tanaatagtt	ttnantaatt	agggcttatt	tnmaaaaatt	ctgagctaatt	540
tcaaattgat	gccaatacct	tccaaagtaa	ggtaatattc	anagacaagt	tgctgtnatc	600
anatggctta	nagaaaatct	ctggaatatt	cacattctaa	nattncttat	taatngaagt	660
tcctttgact	taaatctacc	aaaaaactgc	aacattantc	tttgncatnc	tcattatata	720
gngttaanaa	gcttatttca	nacnaataaa	atctn			755

<210> 3159

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

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<400> 3159
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ggcggttgca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac      180
ttcgtctcaa aaaaaaaaaa catagaattt ggatcctttg gtcgggttct cccaaattct      240
tttgagggtg ccatggtcaa ctgcttcagc tttgttttgg caacccccctg cccgaagtcg      300
catataggct gttcttcacc ttgtttccaa ggctgaggaa cagaaagtag cctctgtttt      360
gaggagggtg aagttaagta tacatttatt ttttactgtg acttgttcag gaccacattt      420
tacaaaatgc cttgtttcct tcattgtttc tggaaaggaa agttctatta atattgtttt      480
actttgaata tagaatagtt tttttaatta gggcttattt tgaaaaattc tgagttaa      540
tcaaattgat gccaatacct tccaaagtaa ggtaatatc anagacagtt gttgtgatca      600
gatggcttag agaaatttct ggaatattca cattcgaaga ttccttatta atgaatgctt      660
tgacttaaat ctaaccaaaa actgcaacat tattctttgt acattttcat tatatagtgg      720
taacaagctt agttgcaaac aatgaaata ctt                                     753

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<210> 3160
<211> 759
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

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<400> 3160
ggnttttnnan ncttttcta ncttggttn agttcttttg caggatccca tgcattcgaa      60
ttcggcacga gagtaccag agttgcgagg agttttttta ctgatttagc cnnntggcaa      120
tcatgagtga atggatgaag aaaggccctt tagaatggca agattacatt tacaaagagg      180
tccgagtgac agccagtgag aagaatgagt ataaaggatg ggttttaact acagaccag      240
tctctgccaa tattgtcctt gtgaacttcc ttgaagatgg cagcatgtct gtgaccggaa      300
ttatgggaca tgctgtgcag actgttgaaa ctatgaatga aggggacat agagtgaggg      360
agaagctgat gcatttggtc acgtctggag actgcaaagc atacagccca gaggatctgg      420
aagagagaaa gaacagccta aagaaatggc ttgagaagaa ccacatcccc atnactgaac      480
agggagacgc tccaaggact ctctgtgtgg ctggggctct gactatagac ccaccatatg      540
gtccagaaaa ttgcagcagc tctaatagaga atattctgtc ncgtgttcaa ggatcttatt      600
ggaaggacat cttacagctt ccaatgagaa gccaagaagt tgtgaacata ctgattgaaa      660
aaagacttta ttttaactcc tcattaaaan ggttttaaat gttaaaaaaa aaaaaaaaaa      720
acttcgagct tttaaactat ngtgagtcga ttcntataa                                     759

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<210> 3161
<211> 783
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

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<400> 3161
ttctcctgaa acgcttngca cttccctcnc tgcaggatcc catcgattcg aattcggcac      60
gagacactgt cccactccat caccaggctt ggagtccagt ggtgtgatca tagctcgctg      120
catcctccag ttcttgggtt caagccatcc ctctgcctc agcctccca gtagctggaa      180
ctacaggtgt gtgccatcac acctggcttt acatttttct gtggggctct actatgttgc      240
ccaggccggt ctcaaaactc tgagctcaag tgatcctctg nctcagcctc cagagtatct      300
gggattacat atgtcggcta ccgtgtctgg ccgttcacat ctttggccac tattngcttg      360

```

tgaaaaggta	tnatgagggtg	gttatca	tngttactgt	gtctcatgtt	nm	tattt	420
ttgcttcatc	aactaagatg	caagtaaca	tctgtgaaat	ctggatatat	tacaaangg		480
tttatcatag	ttttgttaac	aatacactgt	cgttttactn	ggtgcctaan	ataatggtat		540
agttgngagg	tgatcttaga	tttgatgaag	cacagtatgc	aangtaggcc	taatggnggg		600
aaagaatggg	naattttcan	angcnnggaa	gtatttgnntn	ttttgtaaat	ggacttgaaa		660
agcttggtct	gnnggattgg	acccaacccc	tttccctttt	aaaccccgaa	ttctnatnga		720
ctnttccaac	ttngaaaact	ttgctcnaac	ttaaatacct	ttnaaaaatt	aaccntgacc		780
ccg							783

<210> 3162

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3162

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attcggcacg	agaggttgct	cacctgaagg	agcacaggag	ggttttccag	gccatgtggc	120
tcagcttccct	caagcacaag	ctgcccctca	gcctctacaa	gaagggtgctg	ctgattgtgc	180
atgacgccat	cctgccgcag	ctggcgcagc	ccacgctcat	gatcgacttc	ctcaccgcg	240
cctgcgacct	cggggggggc	ctcagcctct	tggccttgaa	cgggctgttc	atcttgattc	300
acaaacacaa	cctggagtac	cctgacttct	accggaagct	ctacggcctc	ttggaccct	360
ctgtctttca	cgtcaagtac	cgcgcgcgct	tcttccacct	ggctgacctc	ttcctgtcct	420
cctcccactn	cccgcctacc	tgggtggccgc	cttcgccaaag	cggctggccc	gcctggccct	480
gacggctccc	cctgaggccc	tgtcatggt	cctgcctttc	atctgtaacc	tgtcgccg	540
gcaccctgcc	tgcggggtcc	ttgtgcaccg	tccacacggg	cctgagtttg	gacgccgacc	600
cctacgaccc	tggagaggag	gacccagccc	aagaccggg	cctttggaaa	acttccctgt	660
gggaagcttt	aagnnccttc	nanangccac	ttacccaacc	ttgaggggnt	ccaaangccc	720
gccanccggt	nathtaacaa	ggccctggnc	aatgcctgaa	ggtcaaacaa	tn	772

<210> 3163

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3163

tcnnncnctt	ttcgatcttt	tgagncttgc	ctttgaaccc	cttggntacg	anttcggcac	60
gagggaaacca	tgananccna	gagctagaat	tgctattgga	tnncgtctat	tctctntttg	120
cttattgggn	cgngntnctg	ggttnctggc	ctcangggtn	nncccgaaang	anggggtatc	180
tnngagcnan	ttntgcnntt	tacnggctag	cttgntgggg	gcttaanntg	ccactnttan	240
acatgctnta	ctantcantg	aganmntncn	ntcgaccatn	tannacnatn	ctgtgnntc	300
cngtacnctn	tggccgnatg	gagctattag	cttcaanatg	nntcgnantg	ttacatgcan	360
nactgannt	nactatccan	natntaagtn	ctcttngctt	actgtgaaca	nnngctactn	420
ncttgatata	tatagnaagg	ntcnttgata	cncgatnatc	ntncntgtca	gacnataaaa	480
tancanctat	accnactgtn	naaatnccat	ctggnggnct	tncnatccan	acataattgc	540
attannncgt	cnaattgnga	tanagtnttg	aaagantctn	ggtttagacn	ttggatgttg	600
caatgnttg	gncttanaan	ttatgtgctg	gctactgant	aanctggggg	catgacntta	660
ctggnttgac	ctaagngng	aantcnatgg	tccgattgct	ggncctanc	cttaagnttt	720

gccatgaata ggncttttgc c aataa nacccttt

759

<210> 3164  
<211> 853  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(853)  
<223> n = A,T,C or G

<400> 3164  
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catcgattcg aattcggcnc gaggatcagc ccacctcggc ctcncaaagt gctgggatta 120  
caggcgtgag ccaccttgcc cagcccatat catacagttt gaaatgaaac tttgccacaa 180  
ccagcctttg ctgtagcaca cacatatatc actgaacctg tttgaaataa agtttttttt 240  
ctttntcctc tgggtattctg ggttctgaag tctgggtattc tgggtattctg ggttcaaaag 300  
tatgacttga gagtggttgc ctgggtattct gagagttgct ctgtattctg ggttctgaag 360  
attatttgaa aaataactcc tactacattg aaatgcagac ttaaaaattt aaacattgga 420  
ttangcagtc aaaaaaacca agcaagcata aaaggtcaat aagttgtaat cttgatagta 480  
aaggtggaaa acttattata aatggnaang aaagttttat ttcttttttt gtttgaatgg 540  
gcaagtatgc catattatac caaaagttc ttttaaaaaa atatttccca ttcaacccat 600  
ttttaattna aaattaaaac cattttgnaa gggaaanttt acccaanggc aanccttttt 660  
tttctccaa aaaggttnac cntgttnatc cttctttttt ggnaaattta nccaccaatt 720  
tttttaaagg ngggncaatg gggnttaaaa ntanccctgn aagnnatttt ttnanccttc 780  
caggttttaa antccccttg gatngggtct taacctgggn gggtngnata naaaaaaata 840  
natcctnttt anc 853

<210> 3165  
<211> 767  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(767)  
<223> n = A,T,C or G

<400> 3165  
gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac 60  
tgcagatccc atcgattcga attcggcacg aggaccagc tagaccagct caagagttca 120  
tggttctttg natcctcctg tgagctctct gtaagtcnnt ttcttgcca tcaccacatc 180  
cctagtactg ggtatcagtc tggccacttg gctttctggt ttgcccctaat gtggtctatt 240  
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgta 300  
aaacccccag taactgcaa tctcacttag aataaaatcc ggactcctgt gaagcacagc 360  
ataaactggc cactgcctat gcagcaacct catctttacc gnttctgccc ttgctcactc 420  
ccttcagcgc cgttatttct tctgatgcc cctagtacac acaactcct tctgctcca 480  
agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc 540  
ttcattgcng aatcttctnc aatatcatct tctaaaaaga gccttttaaa aatcaccttt 600  
nctatnatgc cctactcatt tccagtcctt gaaanggcca tccacttn antannactt 660  
attgctaacn tgaaatacac taaatgnan ccttcatgaa nggtanggca anttaaagtc 720  
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn 767

<210> 3166  
<211> 767  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3166

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tgcagatccc	atcgattcga	attcggcacg	aggaccagc	tagaccagct	caagagttca	120
tggtctttgt	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggtatcagtc	tggccacttg	gctttctggt	ttgccccaat	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgtca	300
aaacccccag	taactgccaa	tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttcctgcc	ttgctcactc	420
ccttccagcg	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcca	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600
nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaacn	tgaaatacac	taaatgnnan	ccttcatgaa	nggtanggca	anttaaagtc	720
nttngcactg	gnnaggcnaa	gagaacaagc	ancntggntt	canaagn		767

<210> 3167

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3167

gcgttctttg	aaagccctnt	tttgaaaggc	ttgcttctaa	ttacgggaaa	cctttgcaac	60
tgcagatccc	atcgattcga	attcggcacg	aggaccagc	tagaccagct	caagagttca	120
tggtctttgt	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggtatcagtc	tggccacttg	gctttctggt	ttgccccaat	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgtca	300
aaacccccag	taactgccaa	tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttcctgcc	ttgctcactc	420
ccttccagcg	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcca	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600
nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaacn	tgaaatacac	taaatgnnan	ccttcatgaa	nggtanggca	anttaaagtc	720
nttngcactg	gnnaggcnaa	gagaacaagc	ancntggntt	canaagn		767

<210> 3168

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

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<400> 3168
tttggagntc tttcttttcta atncttggct actngntctt tntgcaggat cccatcgatt      60
cgaattcggc acgagcggac ccacggagc gtaacctgga tctccgcagg cctggcggag      120
gccggccacc tggaggggca ttgcttggtt cgcgtggtag cagaggagct tgagaatggt      180
cgcaccttac cacatacagt tctttacatg gctgattcag aaactttcat tagtctggaa      240
gagtgtcgtg gccataagag agcaaggaaa agaactagta tggaaacagc acttgccctt      300
gagaagctat tccccaaaca atgccaagtc cttgggattg tgaccccagg aattgtagtg      360
actccaatgg gatcaggtag caatcgacct catgaaatag aaattggaga atctggtttt      420
gctttattat tccctcaaat tgaaggaatn aaaatacaac cctttcattt tattaaggat      480
ccaaagaatt taacattaga aagacatcaa cttcactgaa gtaggtcttt tagataaccc      540
ctgaacttcg tgtggtccct tgtctttggn tataaatgct gtaagggtgn agccantaat      600
tntctgcaan aagtangnca gcacttttca gtgatttgaa tatcatcttg gcttngangc      660
cangtggaca acctgtcat aactgacttc tgaaaagaac cctntngata tttgatgcct      720
cnggtgtngg tggaaactgtc atttantngg anna                                     754

```

<210> 3169

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

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<400> 3169
tctgnnctnt gtntccttgc tcgtgttctt ttgcaggatc cctcgattcg aattcggcac      60
gaggactgga gaagtcagaa gtagaaaagc agattgctag gagagacagg atgacagatt      120
ttggtcagaa aatgggatat tggagtttaa agtatcaaat acagaatagt tccagatggt      180
cagagatcca gcatgggatt aggtactgaa atggattaga actaaaagtc actagaatgt      240
agaaattgag aaccatgaga gtggatgcaa tgacttggtt cttgattgaa aaataaatta      300
ataataataa aggaccatga gactagcctg ttataggggt tatctccatg aacattgaat      360
tttcccagga tcatagcagg aattgggtag agaaaaagat tatgagaagg tgccagagtc      420
ttcagtgaat gtcaggaaat taccaggaag tcagcatatg acagagaaaa ggacagtatg      480
ttatctgcat caaaggaaaa tgtgcttttg ttgaaaagta cagaaaaagc caatactaca      540
atactgtgct aagcccctac ctgtactcct ctcccacagc tgcattccag ccctgtggta      600
taaaagggtg gagaatgagc ttttccacca gaatcagcag gtttagttaa agcatgagca      660
gaacaagcat nctatgaaga gactgaggat gtaggtgagt ggtctaaatc tcatnnaagg      720
acattgcagt ngat                                                         734

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<210> 3170

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(730)

<223> n = A,T,C or G

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<400> 3170
gaantccttn nntttnaaat cnttggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gatctagata ttgccaatc gctgccaca gtgcacatac ctttccacca      120
gtcacatgtg agagggcaga ttttccaaat gctcatcacc acttggcact gtgtggacta      180
taattttggc cagttaggaa atggcatctc attgttttca tcttaatttg cgtcagcctg      240
attactcatt gaaacttgtg aggttgagaa acttttctta agcttattgg ccattcaagt      300
ttcctccttt atgaaatggg tgttcatgtc atttgctcat ttttatatta gattgttttt      360

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cttttttcca gctgacttgt agctctta catcttatca atattaatca ttcgaaa	420
actatttggg tgccattatc ttctcctagt caatgttttt tgtttgtgat atcttttata	480
atatataagt ttttaatggt ggcagaagta aagttaatct ttttggtgt gttgtgtgtc	540
ttgtttgatg taaagatagt ttctgtaata gttttgcagt ttgattggtc atcttttaggt	600
cttcaattac aacctgcaca ttcatccctc tatcctcttt cttactctgg ttttctccat	660
agcacttatc atccaataat atggcatgca cttattttaat ctggtttgca tatatatatt	720
ngctggtacg	730

<210> 3171

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3171

nggnttcnnt ctaactnaaa cngttnggna actcncctct ntctgtngat cccatcgatt	60
cgctaacaag cgattctaaa ccacctatga gtattttcttt tagggctcac ttaaatacat	120
gtttgtatat actgtattct agccagaata attttagatc tgatcaggta gtagctaaaa	180
ttagaaaaaa acaaaataga tgcttaaaga atttgcatcc atttttgagt ctaaattcttt	240
taaaatatac tgagatccac atctagtga atgtcagtg caaaatatta tagattatag	300
ctaaaatcca gattaatact catttggggg tttttatagt ggaacttcat agtaatacaa	360
aaagcagatt gtcttcctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc	420
agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt	480
caacacattg attgaacact ctggcaaaga tgctgtgggt gatgangttg gagttcgaaa	540
agaagaagca agcgtggcc tgccttgaaa gaaccgaaa gtctttccca ttcacttctc	600
tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt	660
ctgntctcnt agaacttaga aatggttcta agagaacaga agttatngag aacagttcnt	720
gtggaattca acatcttggg tgggacncat tggcttt	757

<210> 3172

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3172

cnaatncttg ctcttgnct ntttcnaatn cttggcnact cgctttctnt gcggatccct	60
cnnganncna tcgttcgaat tcggcacgag cacaaggaga agaaagttaa ttaacattga	120
aagatgagaa gacatcttgg aagacttgaa ttgggccttg gaagaagaac agccattcaa	180
atagatagaa ttgtggtagc aaaggcatac ngntcggaaa gtatagatct ccaggacag	240
tagtcatggg gttggggcac tgttgaatt taaggttgga aggatatatt ggagcccctt	300
gaatacggta acaaggcaca cttgggcag tggagagtta tcagagtgtt tgaaaaggag	360
ggttattgag taaataaata gactggtact ttaggaattt taaaatgtgg atcattgtac	420
tactaataac tatntatttt atatttacta tctactaagt aattttacatg tattttcttg	480
tactgactgt aaaccttctg ggtgtgggtg ttttaagtgc cattttactg ataaagaaac	540
tgangcttaa atagntgaaa tanntcacc tgtagtgag tggcacaatg acaagtcann	600
atcttanggt tgccnanntc caaaanncat ttaaanntnn agnatnattg annnttttnc	660
cttatggcnt nnnaaatttg gggagccatt attgaaatcc nttacnacnt angaattgnc	720
caaaaaaaat actttttggg gaaaactgga tttattaatt atccaaaata atttnantgg	780



<210> 3173  
 <211> 886  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(886)  
 <223> n = A,T,C or G

<400> 3173  
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 angaaaacct ntgggaaaag nccncannna ttttngngaa annggcnnga gcnnanantn 120  
 ggacacngtt ntaannnnan nagngnnngt tttngnganan agggnnnnna gnggnannna 180  
 ngngnnggag ggaannaagg nanagnannn ggnagnnaag gnnnnaaaga agnagnnang 240  
 gaganggnnn gngngggggc atgangnggg nncagaggca cgaggagccc aagaccatca 300  
 cngangagna ngagcagggn accnacatnn acnnggacna cgagaagngg ggccagcgga 360  
 agaaggaagg nagnacctng agnaccgnta ccaggaggan cgggaccnac agngacanag 420  
 gnccnnnncn anacggannn nanaaacngg aagcaggann nnnanggacc aaggggaaggg 480  
 nncngnncnn ggaaaganng ggaggggagg nccaaggcaa agggggggann cgnnannncc 540  
 aggaagnang gaaggggggn cgggagggna annganaaga ngaaccnngg ggggnncaggg 600  
 gggcgagggn agcanaannn nncennagnc aanngaaggg gananaagag ngggaaaann 660  
 aannagaaag agggaaaana agnnaaggaa anaaaagang ngnnaannng gganaaaaana 720  
 ngngganann gnngganaaa ngngnannan aaaanngagg aggncanngg gnanaanaana 780  
 nggggagggn nganananag ngaannagac aaggaanagn gaannagngn anagnanngn 840  
 gnannaaagg nannggggna anaagnanna nannnnnagn gaagan 886

<210> 3174  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

<400> 3174  
 gcttttnann nccctncttt cnaancctct tcaaatecctt ggntatcggt ctntctgnng 60  
 gatcccatcg attcgaattc ggcacgagag acaaagaaaa aggtggcaat catagaagag 120  
 ttagtagtag gttatgaaac ctctctaaaa agctgccggt tatttaaccc caatgatgat 180  
 ggaaaggagg aaccaccaac cacattactt tgggtccnnt nctacttggc acaacattat 240  
 gacaaaattg gtcagccatc tattgctttg gagtacataa atactgctat tgaaagtaca 300  
 cctacattaa tagaactctt tctcgtgaaa gctaaaatct ataagcatgc tggaaatatt 360  
 aaagaagctg caaggtggat ggatgaggcc caggccttgg acacagcaga cagatttatc 420  
 aactccaaat gtgcaaaata catgctaaaa gccaacctga ttaaagaagc tgaagaaatg 480  
 tgctcaaagt ttacaaggga aggaacatca gcggtagaga atttgaatga aatgcagtgc 540  
 atgtggttcc aaacagaatg tgcccaggct tataaagcaa tgaataaatt tgggtgaagca 600  
 cttaagaaat gtcatgagat tgagagacat tttataggaa atcactgatg accagtttga 660  
 ctttcataca tactggatga aggaagatta cccttagatc atatgtggac ttattnaaac 720  
 tatgaagatg tacttttnaca gcatncattt tacttcaagg cagcaagaat tgctttttaga 780  
 c 781

<210> 3175  
 <211> 775

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(775)  
<223> n = A,T,C or G

<400> 3175  
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tcgaattcgg cacgagagat tatgagcatg tagaagatga aacttttctt cttttccac 120  
ctccagcctc tccagagaga caagatggtg aaggaaactga gcctgatgaa gagtcaggaa 180  
atggagcacc tgttctctgta cctcccgccg ccgaacagtt aaaagaaata tacccaagct 240  
ggatgctcag agattaattt cagagagagg acttccagcc ttaaggcatg ttttgataa 300  
ggcaaaattc aaaggtaaag gtcattgaggc tgaagacttg aagatgctaa tcagacacat 360  
ggagcactgg gcacataggc tattccctaa actgcagttt gaggatttta ttgacagagt 420  
tgaataacctg ggaagtaaaa aggaagttca nacctgttta aaacgaattc gacttgatct 480  
ccctatttta catgaagatt tttgttagca ataattgatga agttgcggag aataatgaac 540  
atgatgtcnc ttctactgaa ttagatccct ttctgacaaa cttatctgaa agtgagatgt 600  
ttgcttcttg agttaagtag aagcctaaca gaaggagcca accacaaaga attgagagaa 660  
atnaacaact gggccttngg aaagaaangc nggccaagct gcttgagtaa tagtcaganc 720  
ctanggaaat gatntggtta atgaattcac ccaggnac accngttga agagc 775

<210> 3176  
<211> 754  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(754)  
<223> n = A,T,C or G

<400> 3176  
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ttattaacta tcttttcatt atgagacaaa ggttctgatt atgcctactg gttgaaattt 120  
tttaattctag tcaagaagga aaatttgatg aggaaggaag gaatggatat cttcagaagg 180  
gcttcgccta agctggaaca tggatagatt ccattctaac ataaagatct ttaagttcaa 240  
atatagatga gttgactggt agatttggtg gtagttgctt tctcgggata taagaagcaa 300  
aatcaactgc tacaagtaaa gaggggatgg ggaaggtgtt gcacatttaa agagagaaag 360  
tgtgaaaaag cctaattgtg ggaatgcaca ggtttcacca gatcagatga tgtctggtta 420  
ttctgtaaat tatagtttct tatcccagaa attactgcct tcaccatccc taatatcttc 480  
taattggtat catataatga cccactcttt cttatgttat ccaaacagtt atgtggcatt 540  
tagtaatggg aatgtacatg ggaatttccc actgacttac ctttctgtcc ttgggaagct 600  
taaactctga atcttctcat ctgttnaaat gtgnattaaa gtatctacct aactgagtng 660  
tgantgtant gaaagaaagg ncatatntta aacnttgaat ttancaagcc cacnctcgna 720  
ttttatgncc tttcttttgc ctngggattg aanc 754

<210> 3177  
<211> 743  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(743)  
<223> n = A,T,C or G

<400> 3177

tannnnntnc	tntannnttt	ctgngccct	tntgcaggat	cccatcgatt	cgattcggc	60
acgaggagat	ctctgggatg	tcagtgaggc	tggttgaaga	ccagaggtaa	actgcagagg	120
tcaccacccc	caccatgtcc	caggtgatgt	ccagcccact	gctggcagga	ggccatgctg	180
tcagcttggc	gccttgtgat	gagcccagga	ggaccctgca	cccagcacc	agccccagcc	240
tgccaccca	gtgttcttac	tacaccacgg	aaggctgggg	agcccaggcc	ctgatggccc	300
ccgtgccctg	catggggccc	cctggccgac	tccagcaagc	cccacagggtg	gaggccaaag	360
ccacctgctt	cctgccgtcc	cctggtgaga	aggccttggg	gaccccagag	gaccttgact	420
cctacattga	cttctcactg	gagagcctca	atcagatgat	cctggaactg	gacccccact	480
tccaactgct	tccccangg	actgggggct	cccangctga	nctggcccag	agcaccatgt	540
caatgagaaa	gaaggaggaa	tctgaacctt	gggtaaggat	ttggggcaca	gtaccaggaa	600
gggggcttgg	tgccagacct	tatgaggaag	aaggattttc	ctatgtacag	agaangggac	660
cctgtntctgt	tgggaagtgc	ttgtgcaaac	ctaaccaagt	tactaacc	tctgntttct	720
gtgctacaca	aaggggataa	att				743

<210> 3178

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3178

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gcaggatccc	atcgattcga	attcggcacg	agcccagctg	gacctggtgg	ccctttccta	120
gtgcctctgc	tgggggagga	gaacctctgt	ccacgtggag	gctaggagggt	ctcagggtgct	180
gccctggcag	caccagagtg	tgggcccggc	ccgagtgtct	gcccctcggc	cctcaggggtg	240
gggcacttag	caccagaag	ggacccaaaag	cagggcatgg	cggtgcagag	gagtttggga	300
ggtgtaaaca	gccccatgca	cgtggaggag	gagctggctt	tcagccccag	acccacgct	360
agcactttcc	acgtgtcttg	ccgctgtttg	atgtgcagtt	cccagtgcct	gtgtgagccg	420
acatctgctc	agtcctatcc	ctcgtcagcg	tgtggagacc	cagctcctgc	aagcccttct	480
gcttccacgc	ccccagacag	cttgggtggag	ggtcctgcat	ctgggccaag	ctggggtgca	540
cccagccaaa	gacaaagctg	ccttcacgtg	cccaaaggat	tcaagatggt	gactggccc	600
cgggaggagt	cttgaccaa	aatgggagcc	cgctcttgtg	gggaaanccc	cgacttcccc	660
caccnanaaa	ccgntcccac	ggtgccggan	cttccccctt	ttcctttgtg	ggggcaacaa	720
nattggcctt	gggcnccttc	aattnttncg	gaagctttcc	tgggtgtngg	cttttgacct	780
taaaat						786

<210> 3179

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3179

gttgaantcc	ttcctttcaa	atngcttggc	tactcgntct	ntntgcagga	tcccatcgat	60
tcgaattcgg	cacgagccca	catgtaccag	gttgagtttg	aagatggatc	ccagatagca	120
atgaagagag	aggacatcta	cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	180
ttttccacag	cctctgacat	gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	240
ggggagagaa	agagacaaaag	agtgtgagc	tccaggttta	agaatgaata	tgtggccgac	300

cctgtataacc	gcactttttt	ga	gctct	ttccagaaga	agtgccagaa	ga	agtag	360
tctgcataca	tcgctgcagg	cc	agagca	gcttgggttg	gaagagagaa	ga	agggga	420
catccttggg	gctgtgccgt	gag	tttgc	ggcatangtg	acaggggtg	tct	ctgacag	480
tggtaaatcg	ggtttccaga	gtt	gggtcac	caaaaataca	aaatacaccc	aat	gaattgg	540
acgcagcaat	ctgaaatcat	ct	ctagtctt	gctttccttg	tgagcagttg	tct	ttctatg	600
atccccaag	aagtttttct	aa	agtnaaaa	ggaaaattcc	tagtgggaatt	can	cccccaa	660
gggaaaaaag	cccacttgnc	ca	cannagga	agcnggntn	ccccttngtt	cgg	gcttaan	720
ggccccttgt	tcaggaaacc	ac	actggggg	ancttntttt	tttn			765

<210> 3180  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 3180												
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attcgcaaag	atggt	cg	tat	tactaa	agg	gaataa	accag	cgcggn	nngc	acgtggagtc	120	
actggaacat	ttgtg	caatg	ctgg	tggg	gaa	tgtca	acc	cg	tg	cgccctc	tggaataagc	180
ctggcagctc	ctcca	agagt	tacc	gng	tga	ccan	caatt	ccact	cctag	ctccacccac	240	
aggaattgaa	agcaa	anacg	caa	acag	atg	cctg	tnacc	aaagt	tcacg	gcagcatnct	300	
tcgncatagt	ggcag	catcc	gtc	gtcac	ag	cg	catcatc	ctt	catcata	gcggcagcat	360	
ccgtcgtcac	aagc	ggcagc	atc	cttc	gccc	acag	nggcan	gc	atctgtcg	tcacancggn	420	
agcatccttc	gacaa	agcgg	cag	catn	ctt	cg	tnatagcn	gc	agcatcct	ttgccatanc	480	
cggcaagg	tg	gaaac	cc	ctgt	ccatcc	actg	agg	cg	tgcat	agactaaaca	tgggcagtc	540
agcactggaa	ttcca	agc	cg	taca	ac	ggng	nccac	ngtca	aaa	angaatg	aggaccctga	600
ngcacctgng	cngana	aacaa	gaac	nng	cga	nncca	anact	tttn	agacat	tattgcctta	660	
agtn	gaaaaa	cccag	ngcac	caac	ggg	aaa	ccng	accgnc	ntgn	anccct	gnttaacntt	720
nantnngttn	ccc	gaaa	atg	ggg	gcac	ntt	nccaaa	aaagg	ggaata	aaaag	gggagaattn	780
cct											783	

<210> 3181  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 3181															
gntttgaaat	nccnt	tnntt	caaat	nctng	gctact	tg	ctt	ttt	gcag	gatcccatcg	60				
attcgaattc	ggcac	gagna	atg	caa	agg	ctg	cag	ttct	catt	caggct	actttcagga	120			
tgacagaaac	atat	attaca	ttc	agact	ggaa	acatgc	ttca	attcta	att	cagcaac	180				
attatcgaac	atat	agagct	gcaa	aattgc	aaag	agaaaa	ttat	atcaga	caat	ggcatt	240				
ctgctgtggt	tatt	caggct	gc	atataa	ag	gaat	gaa	agc	aag	acaactt	ttaagggaaa	300			
aacacaaagc	ttct	attgta	at	aca	aggca	cct	acaga	aat	gtat	aggcag	tattg	tttct	360		
accaaaagct	tcag	tgggct	ac	aaaa	atca	taca	ag	aaaa	atat	agagca	aata	aaaa	aga	420	
aacagaaagt	attt	caacac	aat	ga	actta	agaa	agagac	ttgt	gttcag	gcag	gttttc	480			
aggacatgaa	cata	aaaaaaa	cag	att	cagg	aac	ag	cacca	ggct	gccatt	att	att	caga	540	
agcattgtaa	agc	cttt	aaa	ata	agga	agc	att	atctcca	catt	agagca	acag	tag	ttt	600	
ctattcaaag	aag	atacaga	aa	act	actg	cagt	gc	gtcc	cca	aca	agtt	att	gt	tatac	660

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agtcttatta cagangcttt aa tccaa aaggatattc aaaaatatgc ca ggctt 720
gccacactta attcagnat tccatcnaat gccccagggc 760

```

```

<210> 3182
<211> 769
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

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<400> 3182
ggnnntnnna gnnnttgaan tccctttnt tctaattcta ggcttctngt tctttttgca 60
ggatcccac gattcgctca gctgaggcaa ttaaactgga aaagaaatag attgaaaaga 120
tactacagaa gaagcagtac agaagtggg ggactgaagg agagggagcc actgcaggtg 180
ctagctgctt aaggggatac cagtcctttt acagatataa tagatacagc ttctgaggtg 240
gagggtgata ggagtgtgta gagaaattgc agttcagaac tggagcatgc agttaggcaa 300
gaggcatccc atgtgaagat gtcaagcaag tactggaaaa tgctgaacta aaactcaggg 360
atggatatgt agatttagag aacttcattg tagaggcagt cattgaaagc taaaagggct 420
gataataaaa ttgccaagga tggaaatagt aagagggagt cagtgttatt aggattagaa 480
ttctgttttg ttttttcttt aaacagattc tcgctctgtc accctggctg gagtgaagtg 540
gtgtgatctc ggctcactgc ggctcagacc tcccaggctc aagttatcct cccaactctc 600
agccttccaa gtagctggga ccacagccat tcaaacacat gcctgcctta tgtttggatt 660
tttttgtana aaccaagggt ttgccatgtt tnccaggctg gnetnngaac ttctgggctt 720
aagccattcc cccacccttg ggtctcccaa aatgctngcc attatangg 769

```

```

<210> 3183
<211> 748
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

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<400> 3183
tgnttttaaat cnttctaatt cttggctctt gttctttttg caggatccct cgattcgaat 60
tcggcagcag gtccgaagaa aaagactgtg gtggcggaga tgctctctcc aatggcatca 120
agaaacacag aacaagtttg ctttctccta tgttttccag aaatgacttc agtatctgga 180
gcatcctcag aaaatgtatt ggaatggaac tatccaagat cacgatgcca gttatattta 240
atgagcctct gagcttctta cagcgcctaa ctgaatacat ggagcatact tacctcatcc 300
acaaggccag ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg 360
tatctgctgt tgcttctcag tgggaacgga ctggaaaacc tttcaaccga ctgctgggag 420
agacttatga attagtgcga gatgaccttg gatttagact catctccgaa caggtcagcc 480
atcaccacc aatcagtgc tttcatgctg aaggattaaa caatgacttc atctttcatg 540
gctctatcta tcccaaactg aaattctggg ggaagagtgt agaacagaac ccaaaggaac 600
catcaccttg gagctncttg aacacaatga ggcataata tggacaaatc cacctgctgt 660
gtgcataata tcattgnggg taaactgtgg atcgaacagt ntggcaatgt ggaaattnta 720
accncagact ggggacaaat ntgtgttg 748

```

```

<210> 3184
<211> 755
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 3184  
 ntgctttcna atctttntaa atgccttttg cttctcgntc tttctgcagg atcccatcga 60  
 ttcgaattcg gcacgagaaa aagtaaagct tttcatgagc acaaatncct tgcattgttt 120  
 gatgttactg atattcgtaa aatgaatatt ttttgttttg ttttgtttta tttttttgag 180  
 acaagtcttg ctttgttgcc caggctggag tgcaatggca tgatcttggc tcaactgcaac 240  
 cctcgecttg cgagttcaag tgattcttct gcctcagcct cctgagtagc tgggattaca 300  
 ggcgctcacc accacaccca gctaatttct gtatttttag tagacacagg gttttaccat 360  
 gttggccagg ctggtctcaa actcctgacc tcaaactcct cacacctgta atctcagcac 420  
 tttgggaggc tgaggtggaa ggatcacttg aagccagagt ttgagaccag cctgtgcaac 480  
 acagcaagac cccgtctcta caaaaactta aaaaattagc tggctgtggt gttgctcacc 540  
 catagttcca gctactcggg aagctgagca ntaagatcac ttgagccan gaggccnatg 600  
 cttncantga actgtgattg tttccantac agnccacctg ggtgacanag taaanaaaan 660  
 gaaacattac ataatttggc tagagcataa taaattgatt tctgggttnt gaaattnnag 720  
 ttgccataaa aggnntttna atgngcnant tcant 755

<210> 3185  
 <211> 1009  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1009)  
 <223> n = A,T,C or G

<400> 3185  
 agcntttttt ngaanttccc ctttnnttna aaaatcccct tttttggcaa aaaattnccc 60  
 ccntntntna nngttttttn gatncccaca tncngnaatn tncgggcncg ggnnactgnc 120  
 nannggcnc cttcgggggn ccngtgntaa gncnatnctt gtntntanaa agntggnnmt 180  
 nttttncgat ngngactatt gncnacnctc ttcctntttg gcagngngtc tgganggttg 240  
 nggtngctca tntggntaan ccnatccttg ngaccaanng gccgnggtgn gcntgcaagc 300  
 tttgnccacn tgggaaancc gnnagtggtn gtctcanttg cntgntgggn ncntgncccc 360  
 atcttgntcg ctgnancctt ggggagcagg nnctnggtng tggtnctgcc tgcttgctgc 420  
 tngttccccg ggcattgcgn nncannaagg gncatgcntn gggcaanaag gtgcgtggnc 480  
 ancgttnngna tnnnnaggac caccntgggt cgngaatecn tgggttncct gataggaacc 540  
 ntnaanncct gcngntttta ttaaattggga nnanangggg ncanttcaaa gccagtntaa 600  
 tgcccttatg gaangngtg natnacatan cnnmtatgt gtcentanann angaaatcgt 660  
 tnnncaaatt tnnacaanaa tntttntaan aaagggtatt tnantntngg tgaaanaaca 720  
 angntttaaa gtnaaatgnt tntancanaa ttaantaac nggtnttnat gattncttac 780  
 naaantaacn atncnnaagc atttacngct tanangtccn cnggatactn ncanaatatg 840  
 gnnnnaattn tannanatng cgataatctn gnananactn tcatnnnnna tngtgtaatc 900  
 antanntacn tgattttnnt naaatgaaaa catntgatnc aagattaatn cattanntat 960  
 acnaaaatnt tcanatanta natntacata taatggtttc naataaacn 1009

<210> 3186  
 <211> 840  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(840)

<223> n = A,T,C or G

<400> 3186

cggatnncgt	nagganngat	ngtagnancn	tcgctcncnc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggacccagg	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggntctattc	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgncatgca	360
gcaacctcat	ctttaccgtt	tcttgccctg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntc	480
tctgccagt	agantccnct	tctggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccctact	600
caaatttcca	agtcccctgg	naattgggcc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3187

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 3187

gcgntnntat	tagcgtgggc	tcgntctcgc	tcnacncanc	nngngctggn	cgaattcggt	60
acgagaatca	gaggaggctt	cttcacccct	caactccatg	atgaactcct	atatgaagt	120
gcagaagaag	atgttggttca	ggtagctcag	attgtcaaga	atgaaatgga	aagtgtgtg	180
aaactgtctg	tgaaattgaa	agtgaaagt	aaaataggcg	ccagctgggg	agagctaaag	240
gactttgatg	tgtaactgtg	ctgttgatga	agtcctccca	gggaagcctg	tgcatatgca	300
gtcacctgga	aagaacagag	attccctttc	acctacctca	gcaaaacaaa	ctttcaagtc	360
ttgatagact	tagcctagta	atatttatagt	gagagtttca	aactatatat	caagtgtcta	420
tagcatcaaa	aacttctggg	ggcgtggggg	aaagtagaat	accaagtata	atagttacat	480
tcactttcaa	agagcatcta	tgaatttgcc	ttttgtaact	tactgtgggt	ttaaacatat	540
tcagaacaga	tgcttgaaat	atgcacttag	cactttgggt	ccacatctgt	ctgggtaaac	600
catgaagaaa	atgaagctgc	tgccctcaatc	gancccagac	agcagccata	ggcagataaa	660
gatttnggtt	cacccttggg	ggtgggaggg	atcgtgtgtg	cctttttttc	ctctaataatc	720
aattttacag	tccgggaan					739

<210> 3188

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3188

gnnngncgtt	cnaattncgn	ggntcttttc	tngccnanna	nnannngcgt	gngngaattc	60
ggcacgagac	tggttcacct	aagttccact	ataaacaggc	tcagtactcg	ggcacagaca	120
cttcttgctg	gactttttcc	tatgatggta	atgtccttgc	ctctcgtgga	ggtgacgatt	180

cattaaatt	atgggacatc	cgattta	ataaaccact	tttttcagcc	tcattcttc	240
ccaccatgtt	cccaatgact	gacgctgtt	tcagtccaga	tgataagctc	atagtcactg	300
gtacatctat	tcaaagagga	tgtggcagcg	gcaaacttgt	tttctttgag	cgtaggactt	360
tccaaagggg	gtatgaaata	gacatcacag	atgcgagtg	tggtcgctgc	ctgtggcatc	420
caaagctgaa	ccagatcatg	gttggaactg	gaaatggatt	ggctaaagtc	tattacgacc	480
ccaacaagag	tcagagggga	gcaaaattat	gtgtggttaa	aaccancgg	aaggcaaac	540
aagctgagac	tctactcagg	actacatcat	cacctcat	gccttgcta	tggtcccg	600
agccccnca	acggagtaca	aaggaaacag	ctggagaagg	acagactgga	tccctgaagt	660
cgcattaacc	tgaacctcct	gtancangcc	cangtcgtgg	tgcccgattt	ggaaccacg	720
ggggcactnt	tttttcct					738

<210> 3189

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3189

tggggnntnn	nttctaattgc	tgggatgttc	taaangntgg	gctactcggt	ctttccgcag	60
gancccntcg	attcgaattc	ggcacgagga	aagggtggcg	gcttctcacg	gctgagttgc	120
tgcgcctgca	gacggaagct	ccccacaggc	agagctgctt	ggatgtgtga	gtcatgaagc	180
cagagaagcc	ccgctccatg	agcagtgact	ccccaggccc	tgtgacctcc	ctcctgtctt	240
gcagctcctc	ctggcaccag	tccccagggc	tctcctgttg	gtagttcctg	cttttcttct	300
tggaaattcc	tcgtggacct	cgagatcttt	accctaaaat	agttctgttg	aatttcaccc	360
tggcaatgta	aattgatagc	ttatcttcac	agatgccaga	caatggacaa	ctcaccatca	420
gtcctctgct	cacctgagac	aaatgcatgt	ctgattgctt	cctctgccct	attgnttatg	480
tgaaaatgca	gattcactga	gccagactaa	ggcatcagtg	actgttcctc	tactgcctct	540
cacatggaga	ttgtgtattc	agtgaaaggc	tgatcaaaga	ccccaaagga	atgcaccagt	600
ttatctctta	tctacctatg	acctgcgagc	tgncaccac	ccccagttgt	tgcgctttc	660
cagacagAAC	cagtgtcatc	ttacacgtat	taattggatg	tcctgngnct	tccttaatat	720
gtatcaaaac	aagctngcct	tgaacacctt	gggcacn			757

<210> 3190

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3190

gnngnnnnnn	tttctaattgc	ttgggnnnnn	ngtcnatgcn	taagagccan	gcggntcgaa	60
ttcggcacga	ggcgggccc	gccagcgaa	gcccctgcgc	ccgcgccatg	tcaaagaaaa	120
aaaggactga	gtgcagaaga	aaagagaact	cgcntgatgg	aaatattttc	tgaaacaaaa	180
gatgtatttc	anttaaaaga	cttgagaag	attgctccca	aagagaaagg	ctttactgct	240
atgtcagtaa	aagaagtcct	tcaaagctta	gttgatgatg	gtatggttga	ctgtgagagg	300
atcggaaact	ctaattatta	ttgggctttt	ccaagtaaag	ctcttcatgc	aaggaaacat	360
aagttggagg	ttctggaatc	tcagttgtct	gagggaaagtc	aaaagcatgc	aagcctacag	420
aaaagcattg	agaaagctaa	aattggccga	tggtgaaacg	gaagagcgac	caggcttagc	480
aaaagacttt	cttcacttcg	agaccaaang	ggaacagcta	aaggcagaag	tagaaaaaat	540
ncaaagactg	tgatcccgca	agttgtngga	agaaatcgcc	aagcaaatna	agtagcccaa	600



ggaactgctt	acagatggac	ttacata	ttcgcaataa	aatcttnggc	ctgaaaa	660
atttnggggt	tgaaggaaaa	tttattgggt	tngaaccttt	tggaatttcc	cgaaagactt	720
ttgcttncnt	ngacttaaaa	tatttccatg	gnggtgaaag	gttgtccaan	ctt	773

<210> 3191  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (773)  
 <223> n = A,T,C or G

<400> 3191						
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ggtcggcacg	agtcaaggcc	tacgaaacag	gtgatgcact	accccggtta	cggttcccc	120
atgcctggca	gctnggccat	gggcccggtc	acgaacaaaa	cgggacctga	cgccctgccc	180
ntggccgcag	atacctccta	ctaccagggg	gtgtactccc	ggccatttat	gaactcctct	240
taagaagacg	acggcttcag	gcccggctaa	ctttggcacc	ccggatcgag	gacaagtgag	300
agagcaagtg	ggggctcgaga	ctttggggag	acggtgttgc	agagacgcaa	gggagaagaa	360
atccataaca	ccccaccccc	aacaccccca	agacagcaat	cttcttcacc	cgcttgcaac	420
ccgttccgct	ccaaacagag	ggccacacag	atacccacag	ttctatataa	ggaggaaacc	480
gggaaaagaa	tataaagtta	aaaaaaaaagc	ctccgggttc	cactactgng	tagacttcct	540
gcttcttcaa	cacctgcaga	ttctgatttt	tttgttgttg	gttgttctct	ccattgctgn	600
tggtgcangg	aagtcttact	taaaaaaaaa	aaaattttgn	gagtgactcg	gtgtaaaacc	660
atgttanttt	taacagaacc	nanaagggtt	gncctattgg	ttaaaaaaaa	aaaaaaaaaa	720
aaacttngng	cctttagaac	tattanngag	nccnatttac	ntaatccan	nct	773

<210> 3192  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (754)  
 <223> n = A,T,C or G

<400> 3192						
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ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagttttag	agcttcagaa	120
caaattgcca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggg	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttgggtgc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagtctct	gtctgctnac	cagaggttct	tcaaattctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaag	660
ctttggaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaagggt	720
gtgttgcnc	cccttctttg	aaaaaacatt	ttct			754

<210> 3193  
 <211> 856  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 3193

tggtgccngt	tcctattccg	tgctntcgtn	ctncnccagg	ancnangcgt	ntcgaattcg	60
gcacgaggaa	ggaggaccta	ggcacacaca	tatgggtggc	acacccagga	gggtagtggg	120
gagttagatt	tcagagtcca	ggccctaggt	tgggacccac	tccaaataat	ctcctcggtg	180
tgggtgggtg	ttctatagag	ggataaatga	ataataaaca	ttgttaaaat	atacgaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	anaanaaaaa	300
aaaananaaa	aatnaaaaaa	annanaaaaa	aaaaaaaaaa	aannccccctn	cncacctaaaa	360
nattcngggg	ggntttttcc	tccannccnn	ntntttaata	nnctncttnt	tgnntcttng	420
nctcaccnnt	tcttttggtg	ggcnntaana	naaaatnttn	nttttttttn	ggntanaaat	480
ncnntnneng	ttttttntnn	ttttttttcn	aaaccctcct	ntntntanctc	ncgtntcnaa	540
aaanntnttt	ntccnncnnc	nttnnntnt	nctntttcta	tttttnnttc	ttntncaann	600
ttccnangtg	nnnngngtnt	nttgnggctt	gtttnttttt	ncnncctngc	gtcatccnnc	660
caataatttc	ttncnccccc	nanncnntat	ttttntnnnc	ctctatntnn	gnngngnnat	720
atnantcccc	tttatntttn	atnantagtc	ntntnttttn	ttntccntng	tnatannatt	780
ttntntcccn	ntntaanttc	ctcannnnat	ttntntnnnc	ncngngntata	tttnangnta	840
nntcnnccgg	gttntct					856

<210> 3194

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3194

gtntngnnng	nngtttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacttant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atttggaatt	gatgatgtaa	tgagcctnta	ttcnaatgtn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3195

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3195

cggatnncgt	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggacccaggt	agaccagctc	annagnnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggncatttc	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgncatgca	360
gcaacctcat	ctttaccggt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggnctc	480
tctgccagt	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaata	ggccccact	600
caaatttcca	agtcacctgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3196

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3196

cggatnncgt	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggacccaggt	agaccagctc	annagnnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggncatttc	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgncatgca	360
gcaacctcat	ctttaccggt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggnctc	480
tctgccagt	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaata	ggccccact	600
caaatttcca	agtcacctgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3197

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3197

atccngttct	ntannnnngtc	tngttctttc	tnacagatcn	nntgcgattc	gaattcggca	60
cgaggggtcc	tggtgggagt	tccatccagc	agtgagtgca	ttttttcccc	agagcagtta	120

agggtcttat	taaaagccac	cttctgctg	aggcctgtac	aggccttggg	gggggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggagggact	tgtecontact	gggagggttg	240
gggttgacct	tggtccagc	agagataccc	agcctggcnt	ggaagggcag	gtcttgagct	300
tacgcttgac	tgcaagggca	agctgcaggc	ctcttctgcc	ttcccttgca	ttaccaagg	360
acaagtagga	ccaagaagtc	aagggaagag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttgggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaag	aaagtaaatt	cctgcttggg	ggcccaggcc	540
ttctttttca	agggttgct	tgtgaatgcc	caacaaaaaa	aaaggggcc	ccaaggccca	600
atcccttact	tectnggtcc	ccccaaaaag	ggatnccaan	ttggggaatt	gggaaaactt	660
gggcanncac	ccnaanccca	ctttggtagg	anttnacca	cccaaccaac	ccaaaaccan	720
cccacccaaa	ttnaaaaaaa	ggccaaaacc	accaaccaac	cnaaacccnn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaa	ctttgangcc	ttttaaaaa	tntttngngn	ggn	833

<210> 3198

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgcttggct	ctttccnagc	naggatccca	tcgattcgcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctccac	ctcgccctcc	caaagtgtcg	ggattaaagg	120
cgtgagccac	cgtacctggc	ccttgggtga	atcttttagg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaaca	gagataat	tacttntctc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgcctaa	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttcctaa	ccttagagaa	aaatccttca	gccttttacc	360
attgaggatg	atgtttgtcg	ttagtttttc	ataaatgatc	tatatcaggc	tgaataaatt	420
tctattttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agccttttaa	actatagnga	gtcgnnttac	gtaaatccag	acntgataag	atncattgat	540
gagtttggca	aaccacactn	naatgcagtg	aaaaaatgc	tttatttgng	aaatttggga	600
tgctattgct	taatttgnaa	cccttttaag	ctgnaataaa	caagttaaca	acaccaatgg	660
attcatttat	ngttcangtt	cagggggagg	tntngnaggg	tttttaattc	cggggcnnng	720
gnccaaan	ca	ttt				733

<210> 3199

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3199

nagttaanag	taggtcttgt	cttttgcaag	atcntancga	ttcgaattcg	gcacgagtat	60
ataacaactt	ttgctttcaa	agttgggtgg	gactagancn	cncantggaa	ggntggagtc	120
agganacctg	gattnttgng	cccgnntngg	nttttacagt	ntgcctaant	ttntgcagtn	180
acttctngcc	ancctgtttc	nttacntnca	anagggaaag	acantccttg	gccagcctag	240
ttttnagggt	gaacgaaagg	tcnttntcac	tgctcctct	agtcatttgc	ttcttcgnta	300
attaacacat	cttgagcacc	tgcnatgttc	caggaacagg	agatggcanc	gtgcaagata	360
aagtccttga	cttctagaga	ctgcatgtta	gtggcaatcg	gcgtntaccc	ggcctttaat	420
aaactactga	atgaaggaaa	attctaccta	caccagacac	aattactggg	gtttctaaaa	480

tggaattatt	cccccgcccc	atcca	gcagcctgnt	gcagggaac	tcnaaa	540
ggcttgtaag	gcaaggaanc	cggaacaatg	gcntggctat	ttaagcttnc	aacagatgg	600
ttaccctaa	gtncctaatt	ccctaacacc	aagggggccc	tttaccagga	aacccaaacc	660
agggttaaaaa	accccaaagt	tgggnaaaaa	gccatttgcc	anccggggcc	nttttaaaaa	720
aaacctttna	aaaacctttc	ccttttaaaa	cctttaccttc	aagntaaan	tttaagggga	780
atgggnccaa	nttttttaac	canccecaaa	aaaaantng	gnaatttttt	ttcccnaaat	840
tttttnaant	tccccaatt	tnggaaaang				870

<210> 3200

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3200

nagtttaann	gtatgtcttg	tcttttccaa	gacccatcc	gattcgaatt	cggcacgaga	60
agtgtcagtt	ttcctaattc	cagtcaggt	aggatttaaa	aantntctca	agtgttgatg	120
ctntccaagc	ntgttggggt	ggaaggaat	tgggtgccag	aaaatgggac	tggagtggag	180
aatatctttt	cttttgagag	tncccccagt	taatttntnc	tgtgcttnat	tgctnctgtn	240
ctttattgtg	aatgttgtaa	cattttaaaa	atgttttgcc	ntagcttttt	aggacttggn	300
gttaaaggag	ccagtggctc	ctctgggtgg	gtncatataat	gagttattgt	gaccacagc	360
ttgtgtggga	ccacatcact	tgtaataaac	acaaccttta	aagtaacca	tcttcagggt	420
gggttccttc	atgttgccac	tcctttttta	nggacaaact	caggcaagga	gcatgttttt	480
tngtnattta	caaaatctan	cagactgtgg	gtatccatat	ttnaattgtc	gggtgacaca	540
tggttcttgg	aactaaactc	aaatatgtct	ttctcatata	tgtgctgatg	gttttaataa	600
atgtcaaagt	tctcctgtta	aaaaaaaaaa	aaaaaaaaac	tcgagccttt	anaactntnt	660
gagtcgtnta	cntagatccn	gacatgataa	gatcatgatg	agtttggaca	accnactng	720
aagcagtga	aaa					733

<210> 3201

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3201

gatgccgggt	cctatgatgn	gctctcggct	tcctaggagt	tccaanactn	ggctngcncg	60
aggncctnta	aatatatctn	ggntttanta	ggtgataagt	nctgtcantt	agtancatct	120
gaaaaancag	ctttgtcctg	ggtgaaaaag	gatgccaaaa	ttgcctggaa	aagagcagtg	180
anaggagtcc	gggagatgtg	tgatgcntgt	gaagcancat	tgtttancat	tactgggtc	240
tgccaaaaat	gtggatttgt	ggtctgctta	gattgttnca	aggcaaagga	aaggaagagt	300
tctagagata	aagaactata	tgcttggatg	aagtgtgtga	aggacagcc	tcatgatcac	360
aaacntttta	tgccaacca	aattatacct	ggttctgttt	tgacagatct	tctagatgcc	420
atgcacactc	ttagggaaaa	atatggtatt	aaatcccat	gncattgtct	aacaaacaga	480
atttacaagt	tggaaatttt	cctncatgaa	tgggtgatct	caagtttaca	gaatgtctta	540
atcacagtat	aaaattctct	gngcatgcct	gagtcctcagc	gccaaaatcc	tcctccgaag	600
tctgagaaaa	atggtggcag	cnnccccana	aagtgatgtt	nggcnccaga	ttaccaggtt	660
aacttctctc	agaatnccag	tcaccactgn	actggntagc	anatcttgcc	gagccaaaaa	720
gccnaagn	ggaaaaaaa	aaaaaaa				748

<210> 3202  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3202  
 ggnnnnnngnn ngntnncggt ccctattant caggngctcg ntctntctcn annnancnng 60  
 gcgtgtncga attcggcacg aggattttcg aaactcttca gctacttgcc cttttttatc 120  
 tgaaaccatc ataccttctg aaagaaaaaa gcatactctc attgacataa cagaagtga 180  
 atggcccagt cttgatacag atgggtccatg atatatatgg agagtggcat tgtgaagata 240  
 acatcttttag atgggtcatgc atacctctgc ctgcccagat ctcagcatga atttacagta 300  
 cattttttgt gtaaagttag ccagaagtca gactcatctg cagtgttgtc agaaacaaat 360  
 aataaagccc caaaagataa actagttgaa aaaactggca aaatctgtat acgtggaaat 420  
 ttaccaggac agagactgaa gaataaagaa aatgagtttc attgccagat catgaaatcc 480  
 aaagaaactt taaagaagat gagttgtgta aatggaactg aagggagggg aagaactgcc 540  
 ttgcgctggt acaaagcaca catgtgtata cacatgggtc aagcagtgct ggtctgtggc 600  
 tgnctgtcca gangaatgga aatatccttg gcttttagcac ttcattttca taataaaatc 660  
 agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa cntnagtga 720  
 tcgtattacg tagatncnna catgataa 748

<210> 3203  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 3203  
 ctaaagtctt tggganagnn ncccccttga ancctntnaa atcctttggc aanttgcnc 60  
 cnctgtngga tcccatcgat tcgaattcgg cacgagagac agggagaaga gaggaagagg 120  
 gagctgcagg tgccagaaga gaacagggcg gactctcagg acgaaaagag tcaaaccttt 180  
 ttgggaaaat cagaggaagt aactggaaag caagaagnca nggtctaaag gagaaagggg 240  
 tccagtcag cgggcaggag gcgaaagagc cagagagttg ggatgggggc aggctggggg 300  
 cagtgggaag agcagaggagc aggggaagagg agaatgagca tcatgggcct tcaatgcccg 360  
 ctctgatagc ccctgaggac tctcctcact gtgacctgtt tccaggtgcc tcatatctcg 420  
 tgactcagat tcccgggact cagacagagt ccagggtgga ggaactgtcc cccgcagctc 480  
 tgtctccctt gctagagccc atcagatgct ctcaccagcc catttctcta cngggctcct 540  
 ttttgactga ggagtcacct gacaaggaaa aacttctatc agtactttga tatgtcacag 600  
 tttcatgttt atccagttca atgtatTTTT aaatttttcc ttgagacttc tttgactgat 660  
 agattattgt gaagtgtgtt tttaaaattt ncaaattgtt aagggatttt catatcttcc 720  
 ttaatgctga tttccaattt ggattcccta caatgattct gggattcatc tgctctggac 780

<210> 3204  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 3204

tcttttaaatg	cttttttncaa	gccttggttn	aaatcctttg	caggatccca	tcgattcgaa	60
ttcggcacga	gactaccccg	gctacgggtc	ccccatgcct	ggcagcttgg	ccatggggccc	120
ggtcacgaac	aaaacggggc	tggacgcctc	gccccctggc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggccccg	240
ctaactctgg	caccccggtat	cgaggacaag	tgagagagca	agtgggggtc	gagactttgg	300
ggagacggtg	ttgcaagaga	cgcaaggagg	aagaaatcat	aacacccccca	cccnaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttncg	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccttt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgattt	ttttgttggt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaaatt	cttgtgagtn	gactttggnt	tttaaaccan	tgntagattt	660
taacngnacc	cttaatgggt	tgtaacntata	tgntttnaaa	acatgnnaan	aaatatttaa	720
tgtaaagggn	ctgttnntaa	atntaaccac	ntanagaant	tnnaaanntn	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3205

ttttaatacn	tttttnaatn	cttgcttncg	ntccttttgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gcaattccac	tcctagctcc	accacacaggt	aattgaaagc	aaagacgcaa	120
acagatgcct	gtgcaccaa	gttcacggca	gcctccttcg	ccatagtggc	agcatccgtc	180
gtcacagcgg	natcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	240
ttcgccacag	cggcagcatc	tgctgtcaca	gnggcagcat	ccttcgccaa	agcggcagca	300
tccttcgtca	tagcggcagc	atcctttgcc	atagcggcaa	ggtggaaacc	ctgtccatcc	360
actgaggcgt	gcatagacta	aacatggcca	gtccaggcac	tggaatccag	gccgtanaac	420
ggngcccacn	gtcaaaaagga	atgagaccct	gatgcactgg	gcgacacaga	cgggcgacac	480
agacttgagg	acatcatgct	aagtgaaaag	ccaggcacac	ggagcggacg	gggtgatcct	540
gctcacgtga	tgtgtcccga	atgggcacnt	tcagagggga	agaanggaga	tggcgcttga	600
cngtgnccgg	gacnggggtt	gggagcgacc	ggttggttgg	ttnggggttc	tttctnnggt	660
gaaggaaatg	tttttgatat	tggggccggt	tgggtgatnt	ttgcattacc	ctttgaatat	720
gcttanaacc	cncatagaaat	tgnnacactt	tttaaatngn	ttggaaatt		769

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3206

tgttctaata	ctaggtntac	tcgccttttg	caggatctna	tcgattcnaa	ttcggcacga	60
ggggctcctg	tgggagtnnc	atncagcagn	ganngcattc	tttccncaca	ncagtnaacg	120

gtcttattaa	nagccaccac	t	tgang	cctgtacagg	ccttgnnngt	t	gaaca	180
gaaatnncgc	aggcacttgt	ac	caagn	anggacttgt	gcctnactgn	nag	gttggc	240
gttgaccttg	gctcnacnga	catacccant	ctgacttnna	acngncncgt	ctnagcttac			300
gctagactgc	acnnccaagn	ttgcangcct	nttntgnctt	ccctgcattn	accaatgaca			360
gtacgaccaa	cagtcaanga	aaagtgccaa	gatatatcta	tcccatttct	tctacacctg			420
tanattcctn	actatgctca	aactatgtgg	ngcaangaan	actggngac	atttttagtc			480
aatgatgctg	acaattaatt	actggtgngg	ccaggcatat	nttcacggct	gcttgtgatg			540
ccaacnaaga	acgggcccc	gcccatcctt	actcctngnc	cccaaanaga	tccagtngga			600
atgggaagct	gnnannacca	acccaactnn	tgatttacca	ccaacnccaa	anatcacgca			660
tgnnnacagc	aaaacaacaa	cncnatgcac	ttaacaagna	nccnaaaant	naactcgngc			720
ctctaaaact	attngggant	cctttanct						749

<210> 3207

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 3207

gnatgncccc	atttccttaa	tgatgggggn	nnnnngagcg	anncttccga	aanttccaat	60
annctggng	ntcgcaactc	nctcnanaca	gnaaggncgn	gggctttgct	ctctccattc	120
caagttgntc	tctgttctag	aaagcagatg	tagtagacat	ctactgttgt	tgctgaaca	180
gaatcccttt	gtcctttttt	tgntaaaagt	actcatccct	aatattcatt	gtntgggaag	240
gactgaaaat	acagaactca	caccatgatc	ggccgggaca	atcagattat	ttcattccnc	300
agcaaacgga	gatcganccg	aaaagtggaa	anatgagcnc	ttctttggng	ttggcatatg	360
gaccctgaga	gaaagaactn	tnattntttc	tcttggactg	caataaagta	tagctgccta	420
aaatacgntt	cctgacactt	ggaggnttgt	ccacaatcgg	ngaaataaag	gcgagaccgn	480
acactggatg	aaaaaaaaaa	gnnnccngnn	gaanaccac	tnnnccannn	nccnnccnn	540
tnccannng	nnganccnnn	tanccgnnan	naggccnnng	cnntngcnc	nnngccnnnn	600
nnnnnnnggn	aaaccnnnn	gnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnngnnctnn	nnnnnnnnnn	ccnnnnnnnn	cnnnnnnnn	nggnaanncc	nnnnnnnnnn	720
annnnngggn	nnnnnnnnnn	ccnnnnnnnn	cnnnnnnnn	cnnnnngggn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	acnnnnnggn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnncccc						848

<210> 3208

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3208

tggnnnngnn	ccnaangcng	gggannnggt	ccccgttcca	anactggaan	ncttggcann	60
cgaactcgct	cnannagnaa	ggccgggnga	attcggcacg	aggccccgct	ccatgagcag	120
tgactcccca	gctcctctg	gcaccagtcc	ccagggtctc	cctgttggtg	gttctgtctt	180
ttcttcttgg	aaattcctcg	tggacctcga	gatctttacc	ctaaaatagt	tctgttgaat	240
ttcaccctgg	caatgtaa	tgatagctta	tcttcacaga	tgccagacaa	tggaacaactc	300
accatcagtc	ctctgtcac	ctgagacaaa	tgcagtgtctg	attgcttcct	ctgccctatt	360
ggntatgtga	aaatgcagat	tcactgagcc	agactaaggc	atcagtgact	ggctctctac	420



ctgcctctca	catggagatt	g	ttcag	tgaaggctg	atcaaagacc	c	gaatg	480
caacagttta	tctcttatct	ac	atgacc	tgcgactgc	caccacccc	ag	ggngcg	540
cctttccaga	cagaaccagt	gtacatctta	cacgtattaa	atngatgtcc	cnggggctcc			600
cnaanangna	tcaaacaagc	ngggcctcga	ccaccttggg	cacatatecc	nanggacatc			660
annctggagg	ctngngncac	tggcattggc	cctnaccctn	ggcaaaataa	accttctaaa			720
attggnaaaa	aanaaanaan	aaaaacctng	nncctntna	naacnntacg				770

<210> 3209

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 3209

gtgatctttn	tgagtggggg	centnctngc	tctannan	at	aggttngng	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaa	ggcaagttt	ggc	cagagtt	tctggagttc	120
gaatttcggc	cgggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt		180
gatgatcaga	aaagagctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt		240
gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccccctgat	agggttggcc		300
gacaggagct	tgaatttgta	attggagatg	agcacatate	ttttaccaca	tcaaaaatag		360
gttctcttat	tgatgtaaat	caagtcaaa	gatcctgaag	gccttcgagt	atctttactat		420
ttggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa		480
ccaattttaa	ttgtatgttt	tcaagctggt	tgnatattta	attaaagga	tgggaagggg		540
ttattttgtc	tttacagtat	tggggtttta	tgaatgtgaa	gcaacccaaa	aaaattnnaa		600
tgtaaaactg	gaaaatagga	aaattcatta	ncagcttaat	gggtatcctt	acttgatncn		660
ctgggttttg	aagtcctcac	acacattaaa	tctgtaatga	aancnctttt	ggttaaaatt		720
tctctat							727

<210> 3210

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3210

gnngctancc	tttctatta	nnttgganct	ntnttctntc	tncangtanc	nnntgcgntg	60
ncgaattcgg	cacgaggatt	ttcgaaactc	ttcagctact	tgcccttttt	tatctgaaac	120
catcatacct	tctgaaagaa	aaaagcatat	cttcattgac	ataacagaag	tgagatggcc	180
cagtcttgat	acagatggta	ccatgatata	tatggagagt	ggcattgtga	agataacatc	240
tttagatggt	catgcatacc	tctgcctgcc	cagatctcag	catgaattta	cagtacattt	300
tttgtgtaaa	gttagccaga	agtcagactc	atctgcagtg	ttgcagaaca	aataataaag	360
ccccaaaaga	taactagtt	gaaaaaactg	gcaaaatctg	tatacgtgga	aatttaccag	420
gacagagact	gaagaataaa	gaaaatgagt	ttcattgcc	gatcatgaaa	tccaaagaaa	480
ctttaagaa	gatgagttgt	gtaaatggaa	ctgaagggag	ggaagagctg	ccttcgcctg	540
gtacaaagca	cacatgtgta	tacacatggg	tcaagcagtg	ctgggtctgtg	gctgcctgtc	600
cagangaatg	gaaatatcct	ttgnctttag	cacttcattt	tcataataaa	atcagcaatt	660
tgtctaaaaa	aaaananana	aaaaaaactc	gagccctnta	naactntngt	gaggccnant	720
tacgttgaat	ccagacntga	ttat				744

<210> 3211  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 3211  
 gtntngnnng nngttnnatt atatggntcg nctnnctcna nnancnangc ttgngctgac 60  
 aacttgattg ggttctcctt cagggttgaa ggcgcctcna gaagtgtcta aaggagacag 120  
 ttgatagcca aacaacagtt ttggattcac tgactgatta tgaaagaagc agtagactgg 180  
 tatcaagaat cagtcagcaa ggaggccctc accagacgcc agtgccatgt tcttggaactt 240  
 ctcagcctcc atattcatga actaagtttt ttgaatcctt aggcctccac gtgtggaaag 300  
 cctgagctaa cctactggag gatgagccat cacctggagc agattcaggc catcctagtt 360  
 gaagcctccc taggccaaagc aaccgtccaa ctaccagaca ttgaccattc agccttgaac 420  
 attcagcaca aagacaaaac agaccagacc agaagagtcc cacagaatag gggaaactat 480  
 tcagagaaaa cttaagccac taagttttat ggtgttttgt tcttgtagcc agaagcatag 540  
 gcatactggc caatacaaac cgaaatcctt ctaacgtant ggaccctttt caggccagca 600  
 ttttttccct tgaaaacctg ggagccttgt attccatctt attagcagaa gatcactttc 660  
 accaatgggt tgggctcttg atttggaatt gatgatgtaa tgagcctnta ttcnanatgn 720  
 gacttaatac ctctgcgaat tgactggatt ccn 753

<210> 3212  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 3212  
 nnggtgnnnn nntttctaatt nctgggggnc nntnnncnnn ntttcctaatt ncttaggngc 60  
 tcgttctttc tccangcagn nngcggtttc ggcagagctc tccaatactc aggttaatgc 120  
 tgaaaaatca tccaagacag ttattgcaag agtttaattt ttgaaaactg gctactgctc 180  
 tgtgtttaca gacgtgtgca gttgtaggca tgtagctaca ggacattttt aagggccag 240  
 gatcggtttt tcccagggca agcagaagag aaaatgttgt atatgtcttt taccggcac 300  
 attccccttg cctaaataca agggctggag tctgcacggg acctattaga gtattttcca 360  
 caatgatgat gatttcagca gggatgacgt catcatcaca ttcagggcta ttttttcccc 420  
 cacaaaccca agggcagggg ccaactcttag ctaaatccct ccccgtagct gcaatagaac 480  
 cctctgggga gctcangaag ggggtgtgctg agttctataa tataagctgc catatatttt 540  
 gtagacaagt atggctcctc cgtatctcct ctccctagga gaggagtgtg aacaaggagc 600  
 ttagataaga cacccttaa acccattccc ttttcagga gacctaccct tcacaggcac 660  
 aggtcccaa atgagaagtc tgctacctca tttctcatct ttttactaaa ctcaaangca 720  
 ntgacagcag tcagggacag acattcattt ctnnatacct tcc 763

<210> 3213  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(819)  
 <223> n = A,T,C or G

<400> 3213  
 gnagnncggn ttcttatgat cgtggctnct cntctanngg ttgtgtaatg ctnggtcnnc 60  
 angannnnnt gcganncgaa ttcggcacga aggggggttc ccaatagtag aaaaggggtcc 120  
 ccattcctgc tcagcacgc acctctctac cccccacag acacacatgc agacacacac 180  
 atgcagacaa cacgcagaca cacacatgca ggcactcaca tgcaggccca tgcacacaca 240  
 cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca 300  
 cgcacacaga gacacacatg cagatcacat gcacacacac 360  
 atacacacac tggccccctgt ttttctgtgg tgtcactggg tgccagcaac tcggtatctn 420  
 ccaccttcca ctaaaacctg ggccttaatt tctctcccg cccacccct aaattcctga 480  
 tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcccc 540  
 gcaggtccag gggccacgtt ttaatttctt tttnaaaagc tttaggtctt ggccnggccg 600  
 ccggtggttc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttgg 660  
 attcaciaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg 720  
 aacctgggc ttnttactng ggnaaattcc caaaaaaaaaa ttggccttgg gccnaagggt 780  
 gggcaagggc acccttggtg gggccccaa antttacct 819

<210> 3214  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(819)  
 <223> n = A,T,C or G

<400> 3214  
 gnagnncggn ttcttatgat cgtggctnct cntctanngg ttgtgtaatg ctnggtcnnc 60  
 angannnnnt gcganncgaa ttcggcacga aggggggttc ccaatagtag aaaaggggtcc 120  
 ccattcctgc tcagcacgc acctctctac cccccacag acacacatgc agacacacac 180  
 atgcagacaa cacgcagaca cacacatgca ggcactcaca tgcaggccca tgcacacaca 240  
 cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca 300  
 cgcacacaga gacacacatg cagatcacat gcacacacac 360  
 atacacacac tggccccctgt ttttctgtgg tgtcactggg tgccagcaac tcggtatctn 420  
 ccaccttcca ctaaaacctg ggccttaatt tctctcccg cccacccct aaattcctga 480  
 tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcccc 540  
 gcaggtccag gggccacgtt ttaatttctt tttnaaaagc tttaggtctt ggccnggccg 600  
 ccggtggttc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttgg 660  
 attcaciaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg 720  
 aacctgggc ttnttactng ggnaaattcc caaaaaaaaaa ttggccttgg gccnaagggt 780  
 gggcaagggc acccttggtg gggccccaa antttacct 819

<210> 3215  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(844)  
 <223> n = A,T,C or G

<400> 3215  
 nggnnttnn nnnnatncc ntgatcgtgt ntcgttcttt ctncaggatn nnntcgtttc 60

gaattcggca	cgaggaaaag	gcgcgc	agngcctacg	ggagtnccggc	gcgcgc	120
ggtaccggca	accacgggca	gcgcgc	aatctccgtc	gttgaggcca	naggtccag	180
tccccgcgag	tccagatgcc	tgccagcct	ccaagcaaag	acacagaaga	gatggaagca	240
gagggtgatt	ctgctgctga	gatgaatggg	gaggaggaag	agagtgagga	ggagcgganc	300
ggcagccaga	cagagtcaga	agaggagagc	tccgagatgg	atgatgagga	ctatgagcga	360
cgccgcancn	agtgtttcag	tnagatgctg	gacctggaga	agcagttctc	ggaagctaaa	420
nggagaagtt	gttcaaggga	acgacttgan	tcanctgccg	gnttgccgct	tgggaaggaaa	480
ntgggggggc	ttgaanaaga	agccccctga	atnccaccgg	aagccccctt	ttgggggggg	540
gccttgcaaa	ccgggaancc	ctttnaaagg	aatttcngcc	antttcaang	gttggggcaa	600
ggggaatcnt	accnaagggg	ccttctnngc	cttggnatgg	tgaatccang	gnaaattaag	660
gtncccaatt	gntgaancct	tccaanggga	ancccaaacc	agcacccttg	naanaagttg	720
agaaaacttg	cttgcntctt	ntgacacccc	tncnaggggg	aacttcaagg	aaccggttcc	780
tnaggcttgg	aaggaggacc	cccananccc	tggancctaa	attnttaa	gggtnggacc	840
accn						844

<210> 3216  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (753)  
 <223> n = A,T,C or G

<400> 3216						
gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttccac	gtgtggaaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atgttgaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3217  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (754)  
 <223> n = A,T,C or G

<400> 3217						
ttggantctt	ctcngaaacn	cttngcnatt	gcncntctctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagtttttag	agcttcagaa	120
caaattgccca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360

aattgaggaa	gttcttcttt	cagcta	cgttaaaatg	tataacaaag	cagct	420
gtgggtcatt	gccagagagc	ggcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaattctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaaag	660
ctttggaaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgtgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3218

tggtgccggt	tcttantctg	ngctctcgtc	ttcctttctta	tacctgggca	ncncttggcg	60
gccccnaggn	tcccangnag	ccnngcngng	ncngattcgg	cacgagattc	caaaggtttc	120
aaagaacttg	gtcataaata	tgataatgag	aagacaaagt	atztatatta	aaacagttta	180
gtagccttca	gttttgtgaa	aatagttttc	agcacagaaa	ctgacttctt	tagacaaagt	240
tttaaccaat	gatggtggtt	gcttctagga	tatacacttt	aaaagaactc	actgtcccag	300
tggtggtcat	tgatggcctt	tagtaaattg	gagctgctta	atcatattga	tatctaattt	360
cttttaacca	caatgaattg	tccttaatta	ccaacagtga	agcactacag	gaggcaactg	420
tggcattgct	tccttaacca	gctcatgggt	tgtgaatggt	ataaaattgt	cactcagata	480
tatttttttaa	atgtaatggt	atataagatg	atcatgtgat	gtgtccaaac	tatggtgaaa	540
agtgccagtg	gtagtaactg	tgtaaagttt	ctaattcaca	acnttaattc	ctttaaaatn	600
cacanccttc	tgccctctgna	tttggaagtt	gtcagtncaa	ctcatcaaag	aaaactgcct	660
aatntnaaaa	tcatattntg	ggaataattt	ccctcttttg	tagtctgccc	aagatcctta	720
aagattggat	ttttattact	atttaaacca	gtggattaat	n		761

<210> 3219

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3219

caaaanccct	tttgnaannn	nccnnagnnn	tttnatnmcc	tnnttgcaaa	tngettggt	60
actcgttctt	tctgcaggat	cccatcgatt	cggaattata	gtattgacgt	gaatcccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcattctggt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagttttg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttggtgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	ttttnangca	tgaatattaa	acatttttta	660
tttcaagtaa	ccttttcccc	ctgtgtaaag	ttactatggg	ttggtgggnac	naactttcat	720
tctatagnat	attaagtggg	aaagtnggg	gaaattctac	nttttatggt	tnngagtggg	780

<210> 3220  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 3220  
 taatgctggt tactgccctt caaatccttg caatcccttg gnaancggnc cngcngaccc 60  
 atcgattcga attcggcacg aggttatatt aaattattct ttgntnttct ttgtctttta 120  
 ataaagcctg caagttacta aattgnagtt ncataaattc tgtagtnaag tatcatcttg 180  
 gcagngtgcc aaaggtgaaa angntgcttn ctctaacaga gaaattctta gngactccag 240  
 tcgtanaaaa acgtctttac aacctgaata agatnganga attgngaaca taccatggcc 300  
 tattggatga atcatttgcc ggnggctana ncagactgta gggtttgtga tggatntatg 360  
 gagtatgtgg gtatagaaat catgaatntn ccatttgnnn ncagagattc aagcmtanac 420  
 ttaatgggta gatcataaat gacagaatga attcaaaacc tagcacgtgc attgtaaatg 480  
 tgtgcccgaga tatgtnttgg aaatggcagn tccttggggg catgtntcta ctggcaaaat 540  
 ttgctatagn gnnactattg nantgtaatt ataaaattna tcannattat ncaccgattn 600  
 gccaaagtaa ctgtactgtg cataggaatt ttgggaattg tgcanaaatt ggatcaattg 660  
 aanttnagaa cngatgtctg ggcttaaaaaa tttatcnggg accacnnatt angaaactna 720  
 catntttcgg ngctgaggtt cattgnccaa ggccangaag gtntttncgg aaaanc 776

<210> 3221  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 3221  
 ctgctgtcaa ggcttgaaga gccggcacac tcaatggcaa acacangcac cgagtctgct 60  
 ctgaatcctg gaggatctgg ccctcctctc aacccccact cacagtcacc gtcttacaac 120  
 tcagggccac ctgggatcag tcatcagtca ggggtgcgta gccttgaata ccaggtagcc 180  
 tcaggagtga aaagataaat gtcctagatc attaccttat tcagtgtccc caccttgacg 240  
 cgcattccaa ccacctggga gcatttaaaa ctccagatgc ccacaccaca ccctggggcc 300  
 acccatcaga ccttctggaa gcaagacctg ggcctccatg gcccacaaaa ctccctaggt 360  
 gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta 420  
 cattgaggag tatttacatt ttataaaatg acttaaaaat ttnaaggcat tttttgagca 480  
 tttncaatta tatggaagna gttactttta cggaatagtt nttgctcatg gaactcanaa 540  
 cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct 600  
 ngtgaatttc aatggaagaa gcncnacatt tcctnaagaa ttcttttgag cccagtaatt 660  
 cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag 715

<210> 3222  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 3222  
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 ctgaatcctg gaggatctgg cctcctctc aacccccact cacagtcacc gtcttacaac 120  
 tcagggccac ctgggatcag tcatcagica ggggtgcgtaa gccttgaata ccaggtagcc 180  
 tcaggagtga aaagataaat gtccatagatc attaccttat tcagtgtccc caccttgagc 240  
 cgcattccaa ccacctggga gcatttaaaa ctccagatgc ccacaccaca ccttggggcc 300  
 acccatcaga ccttctggaa gcaagacctg ggccctccatg gccccaaaaa ctccctaggt 360  
 gatccgatgt gcagccaaat ctgagaggcc ccatttnaaa aaganagaac atgggtggta 420  
 cattgaggag tatttacatt ttataaaatg acttaaaaaat ttnaaggcat tttttgagca 480  
 tttncatta tatggaagna gttactttta cggaaatagtt nttgctcatg gaactcanaa 540  
 cagatgaagc accactgtta cagaattaat gtgctccaga atgaaaatgg tctcgtttct 600  
 ngtgaatttc aatggaagaa gcncnacatt tcctnaagaa ttcttttgag cccagtaatt 660  
 cantcctggc tcaaaaaaan gntnnttngg cattttccta acatctggac caaag 715

<210> 3223  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 3223  
 ttgtgaancc cttttganac ccntttgcta cttgctcttt ttgntggatc ccatcgattc 60  
 gaacgttccc ccgtacata gtctttcttt tgtgttattt agtttaccat ttcttttttc 120  
 catcttggtta taacctccac gagttgtgtc tcttttgttt tctacattat acccaacggc 180  
 tagcacataa caggcaccca atatatactg aacgaactaa ggaatgaatg aaggaatgaa 240  
 tgaatagggtg gcttatagga aacccctggg gccagggact ctgcaacatc accatgtaac 300  
 tttttctttg tgctgagaag cagagagaaa caatagaaga tatctcttaa tctctcaagg 360  
 atgctactcc caggactgct tgcaatttcc gaggagataa gccacaagtt acagaaagga 420  
 agcagctgtg tagggcctgc aagtttcctg ctgcaagtca ccctatgttc agaagttacc 480  
 ctggctgggc caggcatggt ggctcacgcc tgtaatccca cactctgggg aggctgangc 540  
 aagtggattg cttgagtcca ggagttttga gaccagcctg ggcaacatgg agaaaccca 600  
 tctatcaaaa aaattanctg ggtgtggtgg catgaagcct gtaataccca gcttccttgg 660  
 gnaaggctta angtgggnag aaatnaccct gancccccang ggggtcaaag gctgntnntt 720  
 aagccaagat cacngccnac tggaccttna agccctnngg caaacccnaa attnagancc 780  
 ctntct 786

<210> 3224  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 3224  
 ggatctttta tncctttgna atccccctnnc tttggcnaat cgcccgaatt cggcacgaga 60  
 gttggagaac attatgctgg agagagnttt tnaagaaagg gagatgttgg aaacttcnca 120

agctgctgct	ctgtttctgc	cgcgcgat	ggtgcctgga	cctgactaca	atctacaa	180
aagtgcctac	agccccagcc	cagcgggaacc	accaaagcaag	gacttctgta	atcttttgcc	240
cacctgcctt	gatttaacca	tgcagtattc	agggctctggg	aatatggaac	taatttcttc	300
taatgtcagc	gtggccacaa	cttatagaca	gtatcccttg	tcctcaagat	ttttaagttt	360
ggcccaagt	tggccccatt	agcgacaccc	tcctctacca	gcaatgcctg	ctaaatgcca	420
ccacctcagt	tcaagccctg	aagcctgggg	ccagctggga	cttgaaggga	gcacgagtcc	480
aggatggact	cagtgcata	caggacatga	tgccatnnaa	attggaaggt	tccctgggtc	540
tgctcacac	ttctgagat	ccagaccacn	agaaagtga	cttcanggtc	atcangctgt	600
cccagagagg	tccgcgttnt	tcnaccctcg	accgggaatt	tctcttccca	ttgttgacac	660
cngacttccn	tggcancttc	aaaggggcat	tntcttaacc	gaagattcan	nnaaanctaa	720
acaccanngc	acccctttgg	cnacttaanc	cattaaatcc	aattccnncn		769

```
<220>
<221> misc_feature
<222> (1)...(915)
<223> n = A,T,C or G
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<400>	3225						
gnggagggggn	gggaagnnggy	gngcagnnnnn	ncnaaaacnn	nngcacanca	ancncnnang		60
aacncnnnca	gnncncnnng	nanacancaa	ngngnaaccc	tttcaaancg	cttggaat		120
cgcncncgct	gnaggaccca	cganncgcac	ccagccnct	cctccaacgc	cctnnngatc		180
caagatngag	taagagacat	nggcagatgc	ngagaaggnc	aaccaatng	tnnnaacttg		240
cagaccgagg	gggagatggg	ntncagtctg	cacatgactc	gagcacagnc	ccccacccc		300
accncgactt	anaaaatcca	aaccgactac	aagaccagaa	acaaaccaca	tgccagtcgc		360
ccccttgact	gtacacacat	gnggagnnca	gagccacca	tnagagagagg	ctgctcagct		420
cagcaccctg	ngcanggctt	cctagaacta	ncncagancg	ggggannccn	tancccgat		480
tcnggggnagc	tgacnacagg	atgcacgnag	tgaaacccan	gggttagggg	agaggacca		540
ccctggnaaa	aagccacgta	aatggnacn	ancnntccan	ggcanccang	gncnactac		600
antcncnagc	acctccgngn	cncaanccgn	antcnnagag	aanngnntan	nncncangag		660
nnncccggn	nncngnaatg	gccagnnaag	ctggnnnccn	cnggaacnag	nnaacgnnnn		720
ggcntatcca	ngtgcacnc	ctnccnggnc	gccanctccc	aaangncncg	aacgaggcnn		780
ngncagaana	nctctgttaa	aagaacaccg	ancaggcnaa	ggccnccact	tganannctt		840
cnaggnancc	gggnnggaga	aanctnanaa	ngantatnan	actnggnaac	nnnnanagcc		900
tctaaaaaaa	aaccg						915

```
<210> 3226
<211> 769
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (769)
<223> n = A,T,C or G
```

<400>	3226						
agmntnnttn	nnmntataaa	ncctntggaa	ctncctcttt	ngttgatcc	catcgantcg		60
aattcggcac	gaggcaaggt	tgtgacattg	tcactttttt	gttctagact	cttttaaatt		120
ttctgcattt	gcctgaaaag	cacccctgta	agaatagatt	tctcatggct	ctaaaaatta		180
ttcccaagaa	tnccntactt	ggttcaaaaag	cagactgttt	ctcttcattt	catctcaaat		240
cagacttctg	ggcaagatgt	tcttttagagt	aagcaaacct	acaacctaaa	aatctcttca		300
agaggcatct	ctgggtcttgt	gacaagacct	cttcaaaaac	ccacagtaaa	actccctcc		360



ctccagttgg	ccaccagtct	g	caaac	atgaacaaat	tctgctgcta	a	tttcc	420
cttgtgatct	ggttcctgag	gt	tcggat	ctgtgcaatg	aattatztat	tg	tttatta	480
aaccgacagt	ggtgtcccag	agaggaacca	taaataaaat	ggaaatctgg	tgctgtgata			540
aagtaataac	tagcattaat	gagacctggt	tttcctttca	gaaagtccag	tataacctgta			600
acaaaggtta	aagcaattta	tatttaattt	gcattctgat	gttaacattt	aaacagcaat			660
tctnacaaaa	aatgcatcga	gtctaattct	tacctctatc	aaaaaacaac	tgnttaaatt			720
tatgaccaac	atttaaacna	aaaccaaatt	ggaaaatttt	ctttttnnn				769

<210> 3227

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3227

atcnatccnt	ttctttatag	cttngtttct	ngttctntct	gcaggatccc	atcgattcgt	60
tagtgactct	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120
agaaatcaat	tgtctttcat	tgaatcaaac	ggaaaacctg	ctggcttctg	ctgacgactc	180
tggggcaatc	aaaatcctag	acttggaaaa	caagaaagtt	atcagatcct	tgaagagaca	240
ttccaatata	tgctcctcag	tggtttttcg	gcctcagagg	cctcagagcc	tggtgtcatg	300
tggtactggat	atgcaggtga	tgctgtggag	tcttcaaaaa	gcccgaccac	tctggattac	360
aaattttacag	gaggatgaaa	cagaagaaat	ggaaggccca	cagtcacctg	gtcagctctt	420
aaaccctgcc	ctagcccat	ctatctctgt	ggcttcgtgt	ggtaatat	ttagttgtgg	480
tgcacaaagt	ggtaagggtt	gaatctttcg	ggtgatggga	gttaagtgtg	aacaggaact	540
gggattttaag	ggccacactt	canggggtatc	ccaagtctgc	tttctnccag	aatcctattt	600
gctgcttact	gganggaatg	atgggaagat	cacgttgtgg	gatgcaaaca	gtgaaanttg	660
agaaaaaac	cagaagaagt	nccacaaaaa	ccgtaccccn	caggaaggaa	aaccctaaaa	720
ananggaacc	ttgcaccna	nccngggntn	ggaaaatacc	taaccnttt	nntnacct	778

<210> 3228

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3228

caaaanccct	tttгнаannn	nccnnagnnn	tttnatnncc	tnnttgcaaa	tngcttggct	60
actcgttctt	tctgcaggat	cccatcgatt	cgggaattata	gtattgacgt	gaatccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcattctgtt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcataattg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaaat	ggatgtgctt	atataatcgc	ttagttttgg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttggtgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	ttttngangca	tgaatattaa	acatttttta	660
tttcaagtaa	ccttttcccc	ctgtgtaaag	ttactatggg	ttggtggnac	naactttcat	720
tctatagnat	attaagtggg	aaagtngggg	gaaattctac	nttttatggg	tnggagtggg	780

<210> 3229  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(818)  
 <223> n = A,T,C or G

```
<400> 3229
gnnnnnnnntt nnnnnnttgc aaatnccttn gnaaannncc nagnnnntttn anncntttntt    60
tcnaatnctn ggctactngt tctttttgca ggatcccatc gattcgaatt cggcacgaga    120
gnaatcaata tcttgaaaat ggccatactg cccaaagtaa tttgtaggtt cagtgtctata    180
cccatcaaac tatcattgac tttcttcaca gaattagaaa aaactacttt aaatttcatn    240
tggaaccnaa aaaagagccc atatagccaa gacaatccta agcaaaaaga acaaattttg    300
aggcatcatg ctacctgact tcaaaatata ctacaaggct acagtaatga aaacagcatg    360
gtactggtac caaaagagat atatagacca atgaaacaga acagaggcct cagaaataat    420
gccatacatc tacaccatct gatctttgac aaacctgaca aaaggaatgg ggaaaggatt    480
ccctatttaa taaatggtgt tgggaaaact ggctagcctt atgcaggaaa ctgaaactgg    540
acccttctct tacactttat acaaaaatta actcgattca ttaaagactt aaaagtaagt    600
tctcaatgta taaaaaccct ggatgaaaac ctaggcagtc cattcaggac atagcatggg    660
caaatacttc atgactaaaa cacccaaagc aatgtcaacc aaaagccaaa attgacaaat    720
gggatctaac ctaaactaaa aaacttggtg tgcagtttta ttttgggant gtgtgtgggg    780
gtacctctga gttttcaaaa aatgaagaaa gtaagtcc    818
```

<210> 3230  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

```
<400> 3230
gnttgaannc ccttngnntt caaatngatt gttactngcc ttntgcagga tccctcgatt    60
cgaattcggc acgaggatag cttaaagcaa gtttacaagt aattaaaatg gacagtttgc    120
cattaaagat ttttaatagt ggttttgcag tgtactggct tgaattttct ggacttgagt    180
taactgaagg agagcctcaa acmntagtaa cttcattttt aaaagtactt agaatttggt    240
atcctgattt atattgcagt gtttcaaagg tgtcactgtc agacaaatag aaacactgcc    300
aacttggtgt aacttaagct ttcatttaac taaaacattc ttttcttgca aaacttattt    360
ttcatgatca tttttgggta tttattatac ttgattccaa aatagtacag ccttgaatct    420
ataaaaactgt gcagtcatta tgccagaaat tatcttaaat atataatggg tcaccttgct    480
gttcaaaggg tgggtgcaagg tcctgcagca tcttacatct gtagcttggt agaaatgtaa    540
actctcaggc cccacaactt acttcttgca ttttaacaag atccccaagg gatatgtatg    600
ctcataaaaa attttgagac actgggttaa atggaaaatg gatataaggn atgtataact    660
gggggggtgg gtgagggtag gaaggcattt accaactnag attttattta tttttgaaat    720
taatcaattg gnttaaatcc taatttattt acccaaatag ggggtcttta aaaaaatatt    780
ttttattcc    789
```

<210> 3231  
 <211> 789  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3231

gnttgaannc	ccttngnntt	caaattngatt	gttactngcc	ttntgcagga	tccctcgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttggtgt	aacttaagct	ttcatttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtagac	ccttgaatct	420
ataaaactgt	gcagtcatta	tgccagaaat	tatcttaaata	atataatggg	tcaccttgct	480
gttcaaaggg	tggtgcaagg	tccctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actggtttaa	atggaaaatg	gatataaggn	atgtataact	660
gggggggtggg	gtgagggtag	gaaggcattt	accaactnag	attttattta	tttttgaaat	720
taatcaattg	gnttaaattc	taattttattt	acccaaatag	gggtctttta	aaaaaatatt	780
ttttattcc						789

<210> 3232

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3232

ggmnttnaan	nngctctact	gaatgccttt	ggaaaggccc	ccatcgtttc	gaatncggca	60
cgagcttttag	ttcagataaa	ggaaacatcc	aaaaatactg	agattagtaa	aattttattc	120
aaagtagggt	ccngctttgt	cttgatctca	atccattcta	actcctgatg	tcattttaccg	180
tgtgagatct	tanncacaaat	catgaaaaga	atatgagcat	ttatcaaaac	tctctgacat	240
ctgtatgttt	agaaatgaac	ttacacagca	aaatatgatt	tccttgcaact	tattttaattt	300
ttctaacttc	aatttctacc	tatgtgtctc	tgccagtttg	acctgattca	gacacccaga	360
acttgaataa	agaagccctc	ttctattttc	attcttaatg	aatatacctt	ttcccatgtc	420
cacattgagc	ctcccttctg	ngtactctgt	ctaattgcagc	cacatgtcta	gttccccctc	480
tctgtcacca	ccctcacttc	ttctttccca	tcttcttact	tctttgggtgt	gacctcttgt	540
aggacaacat	gccatttctg	attccccaca	cacataccct	atcattgata	cctaccctca	600
ggattagatt	ctgtctaagt	aatttgtaga	gccatcaggc	ttnantaagt	attgggactg	660
caagtcaaca	cccattatct	catcaaaang	ggatgctgtg	ttggggccag	anggagaaan	720
gagagagaga	gactnanaga	gagangnccn	ganagagagn	aagacn		766

<210> 3233

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(831)

<223> n = A,T,C or G

```

<400> 3233
gaancccttg gntttganc ca ttttaat nccttggnt gnccctega ttggnccgg 60
cncnaggctc ngtacagatg nntcttatec tgacntnacg aangncttaa ctgncnnntn 120
tatggtgacn gtnnntgagg cngnatgncn nggancanan nctnaancctg aaaggnacct 180
agtgcagann gctncgnnt cctntgcaa actggatacg gtannngaag agggagcctc 240
tgtgataaac gagacgagga ggaactcncn gacatatgag ctcaccacca cactaaaggn 300
actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga 360
tgagttaatg ggnactaggg cncaantgtg cgatcanaga annttcncna agctcngcnc 420
atccttggan aacnntttgc tttanaacan cnccttncg tgnctacnca canctatgc 480
nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnncanc 540
ttagnnncca gggaaaccnnn ntgnenttac aangtngntn nangtctna gntgagcata 600
cnaccagnt ggganctnct gacnagtttc ctncanactn gtncncngag tgggaacggc 660
caagatnaac ccnnngccaa aacttnttac gacnttggnc nnttcaaaga tcaagggggg 720
natttaanaa ctngaancct ntannccnt tcnnaanntn cttttgnga cnttagnana 780
ngggntganic ccgggcnatn tntcaaaaat ccttnttant tcaccnntgc c 831

```

<210> 3234

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

```

<400> 3234
gnnnntttnnn nnnnnnttt ncaaatecgt ttggctactn ggntcttttt gcaggatccc 60
atcgattcgc agaggctttg ctagtatect tcaaccaatt tctagtaaaa atatectata 120
taaccataat tatcaaaacc agaaaaacaa cattggtagg atactataaa gtactaatct 180
tattttggat ttgacgaatt cctacatggt tntttctttt ttagtttgta ctctaagaag 240
ttgtattaca tgtacagatt cgtgtaacca ctgcaaccac ataaaactaa tgaacacaaa 300
gtccctcatg ctaccttttt atgcttacac tccatccaaa cctaactctg ccaaccactt 360
ttctcctatc agtataatct catcatttca tgaatatgat aaaaataaaa ttgtttttgt 420
aaatggtttt tataaatctt atataaataa gttatatgaa tttttattga tagagagtat 480
gtaagctttt ggcatttttg tcaactcagca aattactcct aagggtttata tgagttgatg 540
aatagttgnt ttattatctt tttttaccac catgtatcta accagatgaa agttgtttat 600
atttgagagt agtatacata tttgatgtag tagtttatcc atttcaccta tgagatatat 660
ttgcactggg tttcctgggt ttaagtgctn taaataaaga tgctgtgaaa tctaaaaaaa 720
naaanaannn nnnntttnnn nnannntngn natatnataa nnnnnnnccn nn 772

```

<210> 3235

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(790)

<223> n = A,T,C or G

```

<400> 3235
tccaaaatnc ccttggantn attccccctt ncaatacctt tccttngnac actcccngtt 60
tngntngatc ccategattc gaattcggca cgaggnaaca aagaaggaat gtcttctca 120
tgtttnggtc tatagaagac gttaaagaaa acttcagaa agtggggttg aggcagtagc 180
caccacgcct ggccaaagga tttaatgaat taatggatgt acagtgcctg ggctgttatt 240
ctagggcctg cattgagact cacattttgc catcaaaagc cttttaagag gtggagggtg 300

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cggtgagctg	acatgggtgcc	aactcc	ggcctgagtg	acagagtgag	aagtc	360
acaaaaaaaa	taatgccctt	taaatga	ataatagtga	tagaaaatgt	caatcttg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggtagc	480
ttcatttgtt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcc	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcattttgg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3236

aancccttt	tnnangcgnt	tcctnncanc	tnaaancgnt	tgnaactcnc	ncntnctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	agaattttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtaggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	ggtggatgan	540
gttggagttc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtctttccc	600
attcacttct	ctagaaagct	gccaaagacag	aagcagaaaag	aaatgggatg	atagttctgt	660
caaagcacac	ttctggnctc	ttagaacctt	agaagtgnnt	ctaagagaac	agaagttatt	720
aagaagaaac	nagntacgtg	tgggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3237

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3237

gtnttnnnnt	tctttcta	agcttgata	ctcgttcttt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgagccaaaa	tggggtgggg	ccgcagtggc	tcacgcctgt	aatcccagca	120
ctttgggagg	ccgaggtggg	cggatcacga	ggtagggaga	tcaagaccat	cctggcta	180
acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaa	caaaaaaac	tagccaggca	240
tgggtggcagg	cacctgtagt	cccagctact	cgggaggcag	aggcaggaga	atggcgtgaa	300
cctgggagggt	ggagcttgca	gtgagccaag	atcgtgccac	tgactccag	cctgggtgac	360
agagtggagac	ttcgtctcaa	aaaaaaaaag	aaaataggca	caataagtaa	tacatttctg	420
cccaagtaag	agccttcctt	ttgtggatg	taatgaaaat	atcttcaagc	actttataaa	480
tnaattatat	gtctgatact	agccttccat	tgctggatc	acatctgatt	gtcctggtaa	540
tttnagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	attcagggaa	600

aagactatga	tgggtgtcact	tctgct	tttgtgctgt	aaaattgtca	ttaaag	660
aanaanaatt	ngcttggntg	cnnggctta	cacctntaat	cctancactt	ttnggaagcc	720
aaataangga	cttgnttgga	nccangantt	tcangaacaa	cctg		764

<210> 3238  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 3238						
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gaattcggca	cgagccaaaa	tggggtggg	ccgcagtggc	tcacgcctgt	aatcccagca	120
ctttgggagg	ccgaggtggg	cggtacacga	ggtagggaga	tcaagaccat	cctggcta	180
acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaa	caaaaaaac	tagccaggca	240
tgggtggcagg	cacctgtagt	cccagctact	cgggaggcag	aggcaggaga	atggcgtgaa	300
cctgggagggt	ggagcttgca	gtgagccaa	atcggtccac	tgcactccag	cctgggtgac	360
agagtggagac	ttcgtctcaa	aaaaaaaaag	aaaataggca	caataagtaa	tacatttctg	420
cccaagtaag	agccttccct	tttgtggatg	taatgaaaat	atcttcaagc	actttataaa	480
tnaattatat	gtctgatact	agccttccat	tgcctggatc	acatctgatt	gtcctggtaa	540
tttnagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	attcagggaa	600
aagactatga	tgggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	tngattaaag	660
aanaanaatt	ngcttggntg	cnnggctta	cacctntaat	cctancactt	ttnggaagcc	720
aaataangga	cttgnttgga	nccangantt	tcangaacaa	cctg		764

<210> 3239  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 3239						
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catcgattcg	aattgtaact	tattccagga	taaatgtcat	atgcatatga	ttttcatatg	120
actttgatga	gtatcttcag	ggaaaattcc	taaaaatgaa	attgctggat	taaggggtaa	180
atgcatgtat	agttttgtta	gacagggcca	catacccttc	cttagaggta	gtaccctttt	240
gtattcctgc	cagtaatata	tgagagtcca	cagagtatgt	ggttaagctt	tagaatgctt	300
gtccatctga	tagggaagaa	atcggtgtgc	cttaatttgc	ccttctttta	ttatgaatca	360
gattttaatc	ttttgcctct	agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	420
aagatacatt	gatgagtttg	gacaaaccac	aactagaatg	cagtgaaaaa	aatgctttat	480
ttgtgaaatt	tgtgatgcta	ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	540
taacaacaac	aattgcattc	attttatgtt	tcangttcac	ggggagggtg	gggaggttnt	600
tttaattcnc	ggccgcggcg	ccaatgcatt	ggggcccggt	cccanccttt	gttcccttta	660
tgaggggtta	attgcgcgct	tggcgtaatc	atggtcataa	ctgattcctg	ggtgaaattg	720
tatcccgctc	acaattcccc	accaacatcc	anncccggga	gcataaaa		768

<210> 3240  
 <211> 957  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 3240

annggagacn	nnngnngnann	gnngggggnnn	acnnngaaan	ncnnananan	acacannann	60
nannnnngag	gggcaacaaa	cncnnatfff	cgaaaanccc	ttttggnggt	gaccccnttc	120
naacacttgc	ttntcgccct	ntgcaggatc	ccancgnann	cgaaggnggc	ncgaaagcac	180
ggngtcccn	nnngatgngn	aaanatgacc	gataaacttc	ngggncngat	aatgaanggc	240
actatnggnc	atactgatgc	tgntcatg	gcntaccan	agacngaac	tggaaaaggc	300
tctgcagngt	ctgggatacg	ctcagtgtg	cangggaggg	caggngtgag	gggaatggcc	360
ccgganggtg	atggggcnng	ngcatccgat	gcagcnntat	agctctgnaa	ttaccacttn	420
caaacttntn	attacgaaaa	atgtcaagga	cccnggaatn	acaagngagg	naggcaggat	480
aatggccccc	aanatgccc	tggtgagacc	cccanacctt	gagagtgcct	cacatgggga	540
agactgtcct	acgtcanent	gcacgccc	ggcagcccca	ngggccctta	aagcttgaga	600
gccttncctg	ctgagacnga	ganatgccag	aagcaaggag	aggcnagaac	ccgaggaggg	660
cccgcancct	gcccngnatg	gcccttagaa	ggaaggggcc	naannagcgt	ggtggccccc	720
ctaaagcaan	ctgngngacc	nggggggacc	ctnangtacc	caangcccct	gcaaagcaaa	780
accngaaat	ttccnggcca	aaccanacac	ccccangga	atgngaangg	aaanngngaa	840
aaggnacncc	cctngaccnn	tgggccccaa	accccttgga	acccccctga	aaccttcnac	900
cnaaaatngn	gtnaaanenc	ccgcganngn	gacttnagtg	ngcaagcaca	cancccc	957

<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3241

ntgtaancct	tttcaaate	cttggctact	tgntctttct	gcaggatccc	atcgattcga	60
attcggcacg	aggccggacn	gtgactctgg	nnacgcttgc	gnccntnacg	tagntngnng	120
accttgcang	anggaanaan	ggctggccnn	cngntgtacn	ctnaccgtcc	taaccccgcg	180
aggtccaggn	ccgctccttt	cggngnggat	tctcgcgga	natccctccg	gcagctcttt	240
gcaaagctgn	ttagaaactt	ctcccaaact	cggcntggat	acgactgcta	tagggctcgc	300
tgctgctttt	gtggagctct	tgctcctcta	tccttggcct	ctcctgggat	acggcccaag	360
gccaaagtnt	cacgcangtt	ggtacgctta	tttcgttctg	gactctgggg	gctntgaann	420
ttcaccacgt	ggactgctgg	ggancgggnt	nccgancact	ngmntacctt	acnccanaat	480
ctgacaactt	ttctggacaa	cctaccanc	ttcaattggc	tngngagcnc	ntcngntgct	540
ggggnnntncn	gtgcaaattg	agnncnaatt	ggtgggcaaa	tngttgatgg	ncaaaacggg	600
aaaaagcaac	nnncaangct	tttggctnaa	agccgatang	acncaaatta	nttnttttgg	660
accttganaa	tttctcaan	ntttttnagn	anncnctttt	ttntttggan	aaanacttaa	720
aagtgaacga	ttnttgggaa	anaaacaac	tataataact	naaagctttt	ntaaaaaaa	780
annaatnnt						789

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

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<400> 3242
tcnaaatccc ttttgnnagn ttcnncnttt gtttcccttt nctnggctnc ttgttctttt      60
tgcaggaatc ccatacgattc gaattcggca cgaggtcctt ttgaaccacc ccaaagaact      120
caacatggca aagcaaattg taaaagcttc ccgactgttc tactttgggt ccgcgcgaag      180
cccactcacg tgtgatctgt gttgcccctg ggaggcccgg ggcgaccgga aaagggtctt      240
ctcaagttct gaaaagagaa tctgccacca gatcgaattt cgaccctga gcttggtcgg      300
acgtatggtc caaatcaga ttaaggtggt caccacaacc gagatgtcag gaaaggcctt      360
ctgcagagaa aatgtccccc caccgcctat ctgcagccag gtgtgtgccac cagggcagcc      420
ttcccgaaac atagtatgga ttttaaaaat gtgttttatt ttgtttctca accactttat      480
aacgtatttt ttaattttat ttgtaatgtc ttgttttgaa gtattgctgc tacccttgnt      540
atccttccca ctgtttttat cactgattta ttttgtgaaa agttgtacac taatgttcta      600
tgtcaaaatc aaaaagtatt taatgaaata ctagtcttat ttaatgtggg ntatggaacc      660
ancttggaaa cacaaaacaa acaggggatt gtacaagcan gcttggggcc caagnaagg      720
caagggttcat ttggttacca tatgccnata aaacctcanc gaanttttaa aaaaaaann      780
nnnnnnnaaaa aancttggng ggct                                         804
```

<210> 3243  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

```
<400> 3243
ttcnaatngc ttgttcacgc cttttctgca ggatcccatc gattcgaatt cggcacgagc      60
ttctgttgat tggtttgttt aaagtaccta agtactacnc tttgactccc taccaaaagt      120
tcttttgttt ttttaacaac ttttatttgt gacttacttt cttgagaagt gttcttaatg      180
aattgcanna cccantggta gcagcttatt tcttaagtac tttattattt gtgctttacc      240
atttcagggt cttatcttta acccttattt actcagtttt ccatctgaat gatcctatct      300
ctaaattaag gatttaataa atgctgcaaa ttgtccactt tgcaaattgt ccaaagctt      360
tagttttgga accttgtgaa cttttttttt aataacacat tatttgggcc ggtcgtggtg      420
gctcaagcct gtaatcgag cactttggaa tgcctaggca gacagatcac ttaaggcctg      480
nagttcgaga ccagcctggc caatgtggng agacctncgt nctattttact aaaaatacta      540
aaaaattagc aaggcatggt ggtgcacgcc tgtaatctna gctactttga gaggcanaag      600
tcaggagaat tgcttngaaa ccttgggagg cannagattg agcccaagaa ttggaccant      660
gganttcac ccctgggtga ccagagtga gaaatcttnn ctcaaaaaaa ccataaaaac      720
cctntnctnt aaaatnaaaa aaaactntga gcctttttat aacttnagnt ggagtcagga      780
atnc                                                                    784
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<210> 3244  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 3244



tccaaaaatnc	ccttggantn	accctt	ncaatacctt	tccttngnac	acngtt	60
tnngntngatc	ccatcgattc	gacccggca	cgaggnaaca	aagaaggaat	gttctctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgctgg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggagggtg	300
cggtgagctg	acatggtgcc	actgcactcc	ggcctgagtg	acagagtgag	actctgtctc	360
acaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggtagc	480
ttcatttggt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcc	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcatttttg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3245

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3245

gnntttttcta	aatcccnttt	gcnttactcc	ctctttcaaa	tcgcttggct	acttgcncn	60
ntngnttttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatggt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagtg	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagagggtg	300
aggttgcggt	gagctgacat	ggtgccactg	cactccggcc	tgagtgcacg	agtgcagctc	360
tgtctcacia	aaaaaataat	gccctttaaa	taatgaataa	tagtgataga	aaatgtcatt	420
tcttggacaa	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttgttgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aaatcgttga	540
acattttttcg	ttcatggaac	tcaatggcta	cgttagtccg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aanggcaaaa	tttattttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aaatggcctc	tcttgagact	gaactgcaa	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3246

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3246

gnntttttcta	aatcccnttt	gcnttactcc	ctctttcaaa	tcgcttggct	acttgcncn	60
ntngnttttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatggt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagtg	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagagggtg	300

aggttgcggt	gagctgacat	gacactg	cactccggcc	tgagtgcag	agactc	360
tgtctcacia	aaaaaataat	gacatttaa	taatgaataa	tagtgataga	aatgtcatt	420
tcttggacia	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttgttgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aaatcgttga	540
acatttttctg	ttcatggaac	tcaatggcta	cgttagtccg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aanggcaaaa	tttatttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aatggcctc	tcttgagact	gaactgcca	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3247

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3247

gtttcnaata	ncttgetttt	nnnnntctt	caaatngttg	gacccctgc	aggatcccat	60
cgattcgaat	tcggcacgag	gtgtgcttgt	gaaatgtcca	ggcgtgtgca	cagccagtgc	120
gcccaacttc	gggctccttg	ctccctgctg	tactgaagtt	ttggattttg	catccaatcc	180
tgtgtgcctg	cccttctgcc	gaaggcttgt	gaggggctg	agtcctctgc	ccatcaggat	240
gacaggtcc	ttcctgcagg	gccatangag	ggaagttttg	gaaacacaga	atgattccaa	300
ggtgtctctg	ttcctgaggg	ggactggttt	gtaacccatg	acatctgtgg	gcgagagagg	360
cagctgggag	cangacactt	ggagggtcac	cccacggggg	tggcacctgc	actctgagtg	420
ccccccactg	tcatcagctg	cctcttaccg	tggacacagt	tntggttttg	gggactangg	480
ggcccnaactc	ctggttggtac	cgttttggact	tactagggca	gtgggacata	tangcccggg	540
gctagtngga	taacggggag	ttacncctga	tgactntttt	gatggaatcc	tgcattagat	600
agcttngtgg	gacccccccc	ctcanaatth	ggggaactga	ngagaattcc	nngaaggtgn	660
cnttcangga	gagcaccttt	naagggggccc	cctaacttcc	tgagcctgga	aattagaata	720
ancattaaag	gggcatacac	acctttttccc	aaaaaacccc	tntccatttg	gttttt	776

<210> 3248

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3248

gttctaattgc	ntngmntcat	cctttcttca	aatgctgtng	ttcttttgc	gatccctcga	60
ttcgaattcg	gcacgagacc	ctctctggcc	acatggaggc	agtttccctca	gttctgtgggt	120
cagatgctga	agaaatctgc	agtgcattct	gggaccatac	aattagagtg	tgggatgttg	180
agtctggcag	tcttaagtca	actttgacag	gaaataaagt	gtttaattgt	atttcctatt	240
ctccactttg	taaacgttta	gcatctggaa	gcacagatag	gcatatcaga	ctgtgggatc	300
cccgaactaa	agatggttct	ttggtgtcgc	tgtccctaac	gtcacatact	ggttgggtga	360
catcagtaaa	atggtctcct	acccatgaac	agcagctgat	ttcaggatct	ttagataaca	420
ttgttaagct	gtgggataca	agaagttgta	aggctcctct	ctatgatctg	gctgctcatg	480
aagacaaagt	tctgagtgtg	gactggacag	acacagggct	acttctgagt	ggaggagcag	540
accaataaat	tgtattccta	cagatattca	cctaccactt	cccatgttgg	ggcatgaaaa	600
gtgaacaata	atttgactat	agagattatt	tctgtaaatg	aaattggtaa	gagaaccatg	660

aaattncata ngatgcngat g	aaagca acctttttga aagtttatat a	tttna	720
cccttcataa ccagcttaac ct	cacttt ttcttttttt ggatttataa at	agaa	777

<210> 3249  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

<400> 3249			
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aggatcccat	cgattcgtag		60
ggattgagga	agatctagca	gaaccttcta	agtctcagac
acgtaaacc	aagtgtggca		120
aaggaactca	ttgctctcga	aatgcatata	tggttggtta
tagactgcaa	actcaagaaa		180
agcccaacac	tactgttcaa	gttcagcct	ttcttcaaga
gctggtagat	cgggataatt		240
ccaaatttga	ggagtgggtg	attgaaatgg	ctgagatgcg
taagcaaagt	gtggataaag		300
gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaag
gttacctgct	ggagctgagc		360
cctatgagtt	tgtctctctg	gaatggctgc	aaaagtgggt
ggatgaatca	acacctacca		420
aacctattga	taatcacgct	tgctgtgtt	cccatgacaa
gcttcaccgc	gataaaatat		480
caattatgaa	gaggatatct	gaatatgcag	ctgacatttt
ctatagtaga	tatggangag		540
gtccaagact	aactgtgaaa	gccctgtgta	aggaatgtgt
agtagaacgt	tgtcgcatat		600
tgcgctcgaa	gaaccaactt	aatgaagatt	atnaaactgt
taataatctg	cttgaaagca		660
gnagtaaaa	ggccnatgga	ttttgggggtg	ggggaantcc
cttccttgcn	gantttggcc		720
ccanctancn	tctttgaaca	ncttgntnaa	ncaananggg
nggatgcann			770

<210> 3250  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(800)  
 <223> n = A,T,C or G

<400> 3250			
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ancccncttc	tttnaaatcn		60
cttggctact	cgctctttnt	gcaggatccc	atcgattcga
attcggcacg	agtatataac		120
aacttttgc	ttcaaagt	ggtgggacta	gaacacacaa
tggaaggatg	gagtcaggag		180
acctggattc	ttgtgccgc	tctggctttt	acagtctgcc
taactctatg	cagtcacttc		240
ctgccagcct	gtttccttac	ctacaagagg	gagagacact
ccctggccag	cctagttctc		300
aggggtgaacg	aaaggtcatt	atcactgcat	cctctagtca
tttgcttctt	cgctaattaa		360
cacatcttga	gcacctgcga	tgttccagga	acaggagatg
gcagcgtgca	agataaaagt		420
ccctgacttc	tagagactgc	atgttagtgg	caatcggcgt
ctaccggcc	ttcaataaac		480
tactgaatga	aggaaaattc	tacctagcac	cagacacaat
tactgggttt	ctaaaatgga		540
attattcccc	cggcccccctg	catccagcag	cctgctgcag
ggaagctcct	ccgaagctgt		600
aggcaggagc	gggacaaatg	cttgctatca	gcttcacaga
atgttaccta	agtactattc		660
ctacacagcg	ccttacagaa	caaacagtaa	aaaccaaag
gnaagcatgc	acnggcttaa		720
aaactcaaac	ttcctaacta	ctcagtaatt	anganggtca
ttttacccca	aaatagaatt		780
ttcnatttat	ccaataanaa		800

<210> 3251  
 <211> 1144  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1144)

<223> n = A,T,C or G

<400> 3251

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aaaaattngg	nccctccttt	ttmntgggca	agggggaatc	cccccaaatt	ttttnnaaaa	120
ccggaccant	ttttcggggg	cnaaccggaa	ggaaaccaat	ttaaaggccn	cctctcncaa	180
acccccctt	tgggaanggg	gggaaattgg	naaaggaaac	caaggccttt	tcccccttt	240
gggcaaagg	ggcnaagg	ggccttgggt	tggccccccc	naaagtttcc	aaantttntt	300
tnaaaaagg	ccccnttaa	ccaaaagncc	tttggggggg	cccttnggcc	cttnggggnc	360
cttgccnaa	nggggggttn	cctttgggga	aaaggggggc	ccgggggttg	ggggggggga	420
aaagggggtt	tggggccaaa	ngnaacaaa	aaaagttn	nccaaaangn	aacccccccc	480
naacttttnc	ncntngggcc	ctncntttna	acaagaacct	tgccgttcaa	tggccccggg	540
gccttgggga	accggcaagc	aaaggccctt	ggcttctttc	tggccnggc	catgaaacac	600
cgncatgtt	ggagcaccg	atcacaagcg	caacaaggta	gaccagctca	anggcctttt	660
ggctatgtcg	agatccccctg	tgtggccaag	aactggtgtg	cngagatgaa	agtctcgggg	720
ccatggctga	agtggggacc	atcgtggaca	aagtgaaaag	aaagtcctct	ttcancacaa	780
gtggctttca	acagaagttg	acctgggatt	tctgtcatgg	gtgtccctct	ggactcaaaa	840
atgggttcaa	ggcccaagtc	ggtgaanatg	gatgttggca	aaaataggaa	ggataccctc	900
attttgcctn	aatnggggga	anctgctctt	naccttgccc	aaggggcca	ggcctggttc	960
aggttnaaac	ttgggaccgg	aaaggcccaa	gtcttaattt	cttttcaaac	cnaggaaaag	1020
gnccgnttgc	cttaaaaacc	ccttcccaac	tttttcctgg	gatgggntga	aggcaaancc	1080
angaaaancc	aagcaatggt	tgttcntcaa	cnggaaggaa	gggacttgaa	ccnaactggg	1140
gaaa						1144

<210> 3252

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3252

ntttctannc	nngntttcaa	atcccttgca	ttngcncctt	tgtttgatcc	catngattcg	60
aattcggcac	gagagaagat	tggggatgag	gagtgaggag	antgctggag	accagttaga	120
ggctaccgta	gcagcgtana	gaggctgaaa	atctaactag	ggtggaagca	gccaggcagg	180
ctggtcctaa	tgttgggagt	tgttcagatc	tgaccnnana	ggtcattact	tatagagtta	240
ttaatttata	ccccacctta	attgcaaaga	gattcaaagc	agtaagccat	cactttagaa	300
tttaattgtc	tgttttcctt	tttatttact	cattcagcag	ctatttcaat	gcctgctgtg	360
tgccagggtg	tattcttagn	gctttacttg	ttgtatgtgt	natctaagtc	tgtgtaacaa	420
attactcctg	aacttaccaa	ctcacaacaa	catttattag	ctcacagtgt	ctgtggagca	480
tnggatctag	atgtggctta	gttgggggtg	ctggcctggg	gtcttctnct	aaggctncaa	540
cgaaaagtng	aggcccgggc	tgcagtnatc	tgaaggctct	antggggcaa	gatcccactt	600
caagctcact	naatngngc	ttgncntang	nttagtttnc	ttgcaatnct	attnggattt	660
ggngccctaa	gttcctgggc	atatagcccn	nnctnntat	ggnaaagggt	cacncttgn	720
gngcantttt	acaccctttn	aagtcntgna	nntangntgn	gnagnaannng	aaactaaacn	780
aatttannan	nanntatata	aanctcnnnn	ncccttcc			818

<210> 3253

<211> 797

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(797)  
<223> n = A,T,C or G

<400> 3253  
caaatccctt ggctacttgn tctttttgca ggatcccatc gattcggact tgaaaaaaag 60  
tcacatccag caaatgcagg gtcacatgaa atatgggcct cctggaatcc ctacagtgga 120  
tggagactgg ctcatacctt gccagatccc tctctcagtt ccagccttct ggacaaggcc 180  
tgggctaaga ggagctgnnt cgttatctct tcacccactg ccctctcagt atcaccagtc 240  
ccaaagacag gatacgtccc tgtaacccaa tctctcgggt gattgatagc agaacagctc 300  
ttgttggctc gagaaggcag gataagtgc cacatattta tgccactacc tccaccaggg 360  
agagtccttc tccacaggct tgataaatc aatcaccaac tgtgctgtcg tccctgactc 420  
tgctactccc gttcttctct ctttctctgt ccgtatctca gtctgcaactg accccaaggc 480  
tgggctgaca tcaagatggg agcccagccc acgggcttta taaacaccca agaaccgttt 540  
cagatcttct ctggtgctga tgcangtagt tttaaatttt tctcaagttn cagtgataga 600  
aaaccacac aatcatcctc tggccagctc taatagaata tcagaggtn anaagggcct 660  
tcanaagaac ttttnacnca atgcctgctt gggggaaang gaaagttgac ttaacccccg 720  
ggttcaaacc tggccatttn anggggaaaa aancttnaag gttcnttacc centngnttg 780  
gcatgcttgc cncncnc 797

<210> 3254  
<211> 794  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(794)  
<223> n = A,T,C or G

<400> 3254  
gnnnnnnnng gtnnnntttc aaatccttgc tcttgcntgt ngttgatccc tcgattcgaa 60  
ttcggcacga gggagcaaata aataagccct tgtgtgtgtt tttggcagaa aagccatgaa 120  
gacaagcaga tgctaataaa agaactctgca tctttgttng ttattccatg ttaaagggtt 180  
gaaataaagg taagagaatn tttgtactgt tgttatcccn aatccatctc ctgttctact 240  
ctctattcaa aataatcgta cagtgcactaa cagagctttc agaccaacag tattttttat 300  
ttttcatttt aagttcaggg taccaacatt tctttccatg gatgttgatg gacgtgtcat 360  
cagagctgac tctttttcaa aaatcatttc ctctggggtg agaataggat ttttaactgg 420  
tccaaaaccc ttaatagaga gagttatttt acacatacaa gtttcaacat tgcaccccag 480  
cacttttaac cagctcatga tatcacagct tctacaccga atggggagaa gaaggtttca 540  
tggctcatgt agacagggtt atttgatttc tatagtaacc agaangatgc aatactggca 600  
gctggagaca agtggttaac tgggtggcag aatggcatgt tcctgctgct ggaatgggtt 660  
tatggnttaa aggtnaagnc tttatgntgt aaagaacctg tttgaagaaa angccgttaa 720  
gatggggggn tttaatgcct ccctggaaaa tggnttnttc cgtcgntang ttaannttcc 780  
tagnccttc ttnc 794

<210> 3255  
<211> 794  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3255

gnnnnnnnnng gtnnnntttc aaatccttgc tcttgcntgt ngttgatccc tcgattcgaa	60
ttcggcacga gggagcaaata aataagccct tgtgtgtgtt tttggcagaa aagccatgaa	120
gacaagcaga tgctaataaa agaactctgca tctttgttng ttattccatg ttaaagggtt	180
gaaataaagg taagagaatn tttgtactgt tgttatcccn aatccatctc ctgttctact	240
ctctattcaa aataatcgta cagtgcactaa cagagctttc agaccaacag tattttttat	300
ttttcatttt aagttcagggt taccaacatt tctttccatg gatgttgatg gacgtgtcat	360
cagagctgac tctttttcaa aaatcatttc ctctgggttg agaataggat ttttaactgg	420
tccaaaaccc ttaatagaga gagttatttt acacatacaa gtttcaacat tgcaccccag	480
cacttttaac cagctcatga tatcacagct tctacaccga atggggagaa gaaggtttca	540
tggctcatgt agacagggtt atttgatttc tatagtaacc agaangatgc aatactggca	600
gctggagaca agtggttaac tggttggcag aatggcatgt tctgtctgtt ggaatgggtt	660
tatggnttaa aggtnaagnc tttatgntgt aaagaacctg tttgaagaaa angccgttaa	720
gatggggggn tttaatgcct ccctggaaaa tggnttnttc cgtcgntang ttaannttcc	780
tagncccttc ttnc	794

<210> 3256

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3256

ctaattcttn tcnntngctt tnnngangat ccatcgattc gaattcggca cgagagactc	60
ttcattctat caccctgtct cacaaaagac ttgcccaagg ctacgaagca nggcagtgac	120
tagagtccag acatcagnaa ctagttccat gttntttttt tccctaccag tccctaggcc	180
ccaaaccgca gatcctgctg tgnngacat taagcccctg actgttctag gctcaacttc	240
caaccctttc tgcaggctct attacctctg cctcatcctc ccaacatgat aaccagagtc	300
ttccttcaca ttgtactgcc taccctctta tgttcccagg ctctcccttg gttttattac	360
ctccttgcat tccattttca gatcctgtcc attgatctcc acccgacaaa tgatcacctc	420
ataataccac tcccgcggga tgggtgtata ccagagactg cctgtgtaca agcgagtggg	480
cgatacctca atgatctang gaaaaaaaga ngcagggtccc gtgtcctggc acagaaggag	540
agtgaagccc caaggaccaa gcaataagat cagtgatctc ttgggggtggc aangtcttct	600
acaggetacc cttttcatct tctgtctnt aaacaaatca taccctaaagn gatttctant	660
ttctttaatg tgttcagggn gaaaagactt ttcnngaat ttttaattta tttggttcan	720
aatcatata ggccttggan antaaaggta ttttaaattc aaaactggcc ncaattaaan	780
tntc	784

<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 3257

ttnnnnnnnct nnnngnnttt cnaatncttg tttctcgncc tttctgcagg atcccatcga	60
--	----

ttcgaattcg	gcacgaggat	t	aaact	cttcagctac	ttgccctttt	t	tgaaa	120
ccatcatacc	ttctgaaaga	aa	agcata	tcttcattga	cataacagaa	gtg	gatggc	180
ccagtcttga	tacagatggg	accatcntnt	atatggagag	tggcattgtg	aagataacat			240
ctttagatgg	tcatgcatac	ctctgcctgc	ccagatctca	gcatagaattt	acagtacatt			300
ttttgtgtaa	agttagccag	aagtcagact	catctgcagt	gttgtcagaa	acaaataata			360
aagcccaaaa	agataaaacta	gttgaaaaaa	ctggcaaaat	ctgtatacgt	ggaaattttac			420
cangacagag	actgaagaat	aaagaaaatg	agtttcattg	ccagatcatg	aatccaaag			480
aaacttttaa	gaagatgagt	tgtgtaaatg	gaactgaagg	gaggggaagag	ctgccttcgc			540
ctggtacaaa	gcacacatgt	gtatacacat	gggtcaagca	gtgctggtct	gtggctgcct			600
gtccagagga	atgggaaata	ttcctttgtc	tttagcactt	cattttttcta	aataaaaaatc			660
anccaatatg	tctaaaaaaa	aantttnttn	ataataaacc	tngaagccct	nttanaacct			720
tntnntggag	gtcctnnttt	accntatgat	tcccggaaact	tggataagga	atcccntttg			780
gattgganat	tttgggccna	aaaccncna	nncttggaaat	cc				822

<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 3258

tttccctnaa	aaaaattggn	ncccttttng	ggccctnaaa	aattgggccc	ttttgggggn	60
nnnnggccaa	ngggaaatcc	ccccaatnnt	ttttataanc	cgggcctccg	gttaanttcc	120
aaagccaatt	ttaattttaac	cttnaggggg	ccttgggccc	ctccccaatg	ggttgggttn	180
nnnntntcca	aaaaaanggc	ccccccnaa	tttnccaaaa	gggttntntn	ttaacctttt	240
tccttnaatg	gggggtnnna	aaaccctnaa	aaattttnnn	ttaaccaatt	naccacacca	300
aaaaaatcct	tttttnncca	attnntntntn	cctgggaaaa	ccttttcccc	tttttaattg	360
ggcttttttaa	ccttgggtcaa	ccccccaact	taggtanttt	ggatggtcct	taagctaann	420
gaaccnaaat	tncgtgatca	atttcacttt	gtcacatcag	ggaaccctat	cctcttagtt	480
ctcccattga	gatttcactg	ctggactaag	attattcttg	attcgtagtc	attggnttct	540
gnttccattc	attnctcagca	ctgattatgt	taatcgattt	gctttgagtt	ttttctttgn	600
tcaaatgttg	nttattacat	tcattttgnt	tcataatacac	acattntttt	tttttaactg	660
gcatttttgag	gatattggng	ttaatgggaa	ggaaaaagga	atgggtgcaa	agcacatggn	720
atnctgaattc	caaagacctt	gaccctcang	cattagcaag	gtcacttggt	ttctgagcct	780
cantttttctt	actctcaaaa	tggagggtaa	tatcccgaag	agnactttga	caaccacacc	840
ttaaaaagcct	ggatgcaana	attnnccctt	tttgnaaagta	aattgnggct	gggttcttaa	900
ttncataatn	ngggataatg	gggaattcct	anggggaatt	ngggctatta	ggaatccntn	960
cnatttttaaa	aatgggtatt	ttaacangcc	ttggtaaaaan	ggttcanttn	catggccatn	1020
ngngaacaat	gttccccntt	tatgaannta	cc			1052

<210> 3259

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3259

gnnnnnnnntt	nnnnnnnnngt	ttcnaatnct	tggcattgat	ccnttgnttg	atcccttnat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120

ggagacagtt	gatagccaaa	cgtttt	ggattcactg	actgattatg	agcag	180
tagactggta	tcaagaatca	gtgcaagg	aggccctcac	cagacgccag	tgatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttda	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagacaaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatggttgg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	cccttcttta	anaattntac	780
tttntctctt	tttatcaaac					800

<210> 3260

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3260

gnnnnnnnnt	ttnnnnnttt	ttgnaaaanc	ccccttttgc	naaatngncc	ctttttntgg	60
cangggatcc	ccatntttat	ntcggacatt	ttcggggccac	cggaaggggc	cgggggcccc	120
cgggccncca	ggnccgggna	aaggcccccc	ttggggcgcc	cccggnccgc	cccaatgggt	180
tccaaaaagg	gaaaaaaaaa	aaagggggaa	cctgggaagt	tgggccanga	aaangnaaaa	240
aaagгнаagn	aaaccttccg	ccaatgggaa	tggggaaaaa	taattttttc	ttgaaaaacc	300
caaaaaagga	atggttattt	ttcaaattta	aaaaaggaac	nttgggaaga	aagaattggc	360
ttcccacncg	cagaaagggc	attactggct	atgtcaagta	aaagaagtcc	ttcaaagctt	420
agttgatgat	ggtatggttg	actgtgagag	gatcggaact	tctaattatt	attgggcctt	480
tccaagtaaa	gctcttcatg	caagggaaac	ataagttgga	ggttctggaa	tctcaagttg	540
tctgagggaa	gtcaaaaagca	tgcaagccta	cagaaaagca	tttgagaaag	ctaaaattgg	600
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tttaaaagggt	ttngccccca	aagggaaaaa	ncttgnccct	taaccagga	attggggacc	840
ctgggantta	aaaccnataa	ttttcccgcc	naatttnaaa	aaattcnttt	nggggncccc	900
naaaanggna	aaaaaatttt	ngggggggtt	tggnaaggna	aaaatttnaa	atttggattt	960
ngaaactttt	ttngggaatt	ccccagaaag	aacttttgac	cttcctntng	acctnaaaaa	1020
ttttcccttg	ggggggtgna	anggatgttc	ccaagctttg	tggnatattg	gtaaaatttt	1080
naaccttttn	tncttacc					1098

<210> 3261

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 3261

gnnnnnnattn	cccttttnaaa	tnccncngaa	ancccttggg	agcactaccn	ctcngacccc	60
tttggaacgn	cgactnctnn	atatatcnng	gatataatag	gtgataagtt	ctgncaatta	120



gtaacatcng	gaaaaaacag	cncctg	ggngaaaaag	gatgccaaaa	tggaa	180
aagagcagng	gagaggagtc	cgagatgn	gngatgcac	gggacgcanc	atgntnaac	240
attcactggg	tctgccaaaa	atgtggattt	gngggctgct	tagatngtta	caaggcaaaa	300
ggaaaggaaa	gagttctaga	gataaaagaa	ctatatgctt	ggatgaagtg	tgtgaaggga	360
cagcctcatg	atcaccaaca	tttaatgccc	aacccaaaat	tataccnggt	tctgntttga	420
cagacttcta	gatgccatgc	acactcttag	ggaaaaaata	ttgggattaa	ancccatngg	480
cattggacta	acaaacagga	atttacaagg	tnggaaantt	ttncnaccaa	tgaaaggggg	540
gacncaagg	ttttccagaa	nggntcntaa	tcncaggnaa	taaaaattnc	tctngggcaa	600
gccctgagtc	ttaancagca	aaaanactcc	tcccgaancc	tnagaaaaaa	agggggggca	660
gccaggcccn	naaanggaan	gtnaggcccn	agatnaacaa	ngtnacctcc	ncccagnaaa	720
ccccannccc	caactggnac	cngggnaacc	cacaacnttt	gcngaagncc	aaaaaagncc	780
nnnagangga	aaaaaaaaaa	naananaaaa	aacctnnnag	cccctaagaa	accttagggg	840
nggcccncc						849

<210> 3262  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(858)  
 <223> n = A,T,C or G

<400> 3262						
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ancgcttggg	gcctatacca	ggagagcgga	tcccagacgt	ggctgcattg	nccatgggct	120
tctctgtgaa	agaagacctt	tcttggccag	gactcgagtc	gggtaacctg	tttcatcgnc	180
cncgggctac	cgtcatgggt	gatggtgaag	ggagtgaaca	nancggccct	acccccaggc	240
agngtcattt	cgtacccttt	ggagaatgca	gttcctttta	gncttgacag	tgttgcaaatt	300
tccattcact	ccttattttc	tgaggaaact	cctgttgttt	tgcagttggc	tcccagttag	360
gaaagagtgt	atatggtagg	gaaggcaaac	tcagtgtttg	aagacctttc	agtcaccttt	420
gcgccaagct	cccgtaatcg	cctgtttcaa	gaaaactctg	ntctcagntt	caactcccct	480
caattctctg	agtnngaaca	atgaaagntg	acctgtctnt	ttctttctga	acngcaagtg	540
ctacaatgat	atttcaagct	ttgctggcct	cggacattaa	gcattntagc	ccaaggatca	600
attctnctg	gaattaataa	ttccacntgg	gangcctggc	aaggtttgga	atgaaaaatt	660
ggggaagccc	ttatggggga	aanancnttt	gaacaanttc	aataagaatg	cnttcnaaag	720
aaccttgggt	tgaccccntt	gccaaaaant	ttggcaacaa	tgaacatngt	tcaagncttt	780
tatggggggg	gaantgcnnc	ngggntngaa	nttaggcccc	tngnaaaaat	caattttgga	840
caacctcccc	ttcatanc					858

<210> 3263  
 <211> 835  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(835)  
 <223> n = A,T,C or G

<400> 3263						
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tttttttttt	tttttttttt	tttttttttg	aagtttttag	ttaattaang	nncttgcgaa	120
aaatccanac	cagntttatt	tcaggggnna	nagtnanaaa	ncnctgcaat	ntgnncttaa	180
ngggattcga	ttngaggccc	ccnccnggg	ggnantgtn	anccagggat	acnacaaant	240
ncttggaag	tcactggana	ccgacnttcn	tgcatttngg	gaaanaant	gggtttgngg	300

nnaantaaag	cattttgacn	a	tgntg	cctaaananc	cntggcattg	g	ggatn	360
ctgtggaacc	cttttttntt	ti	gggtg	ntgagcatta	aactgncact	tg	hanngn	420
nattagannc	tttgatngna	acttttnann	anccccgaa	nnctggnncc	cctnaatntt			480
tnaatngcc	cctntttttc	cnanggggat	atantatttn	ntntngggtn	ggaaaatttt			540
tanaggatna	anntcncct	tttttnttt	tttantccn	atcntttnt	tntncttttn			600
nncccttttt	tntnttgngc	nnntanaaa	tttncctgta	antggatttt	naattttngg			660
nnaannnant	ntaanggnct	cctttttttt	aatttnanaa	aatgggtttt	natnttctac			720
tcttcnancn	cntnnggntt	ttcnacntca	natgtngcnn	nngnnaaaaa	aantnntttt			780
ccatgggnct	nnctaanata	aatcttcntt	naatggtntn	tannnttttt	caaan			835

<210> 3264

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3264

ctaatagctt	ttcattcnaa	tgcttgtgat	ccctcgattc	gaattccggt	gctgtcggac	60
agattgccct	agtaccacc	cacctatcag	ggttatgcaa	tggaacatcc	tcgcccaagc	120
tcttgagaaa	ggcaaagaca	actttgtaca	gtgccctggt	gaagcactca	aatgggaaga	180
aaggaaatgt	ctcatcctgg	aagaaatcct	ggcctaccag	cctgatatat	tgtgcctcca	240
agaggtggac	cactattttg	acaccttcca	gccactcctc	agtagactag	gctatcaagg	300
cacgtttttc	cccaaaccct	ggtcaccttg	tctagatgta	gaacacaaca	atggaccaga	360
tggttgtgcc	ttattttttc	ttcaaaaccg	attcaagcta	gtcaacagtg	ccaatattag	420
gctgacagcc	atgacattga	aaaccaacca	ggtggccatt	gcacagaccc	tggagtgcaa	480
ggagtcaggc	cgacagttct	gcatecgtgt	tacccatcta	aaagcacgca	ctggctggga	540
agcggtttcg	atcagcttaa	ggcttgtgga	ctcttcagaa	cctgcaaaac	atnacccaag	600
gagcccaaga	ttncctttat	tgtgtgtggg	gacttcaatg	canaccaaca	gaanaaggtc	660
tncaaacact	ttgcttcttn	cagnctnaac	cttganagnc	ggcctacaag	ntgctgaatg	720
cttgatgggc	aatttagaac	ccccatacac	ctacctgg			758

<210> 3265

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 3265

tttctaatagc	ttggctttga	gncctctntt	taaaatcctt	tggcnactac	tctgcacgat	60
gcggcgctga	cccgngcgg	cccacaccg	ctctttntct	ttctttgccg	cggactccct	120
ttcctgcctc	caagacctgg	gtgtctacaa	ctgtgagccc	agcttgnncc	aaaggcagtc	180
cccatgggac	ctagactcac	cttnccttg	cctctatgaa	accttctgct	tgggcccanc	240
ccctgttcca	gctcccgacc	tgcacttctt	tgtctgggact	cangcctcca	agctccctgc	300
ccagcnagcg	gncttcagcc	accgtcttcc	cctttctttc	gggccctgnt	tgtnagcanc	360
tttgagaaaa	cccananggg	acctngtgcc	ccttgcnag	nctgtcgcct	tgggtgcaaga	420
ctgnccgtgn	ctgcatcatt	ttncatgggt	gncgggggtg	tggggntnnn	cnnngcgnnn	480
cntgntcaca	atcaancatn	tatncctnan	ntngggtatn	acnaatggcc	tnaagantgc	540
tacntcttan	nnnganttn	tcangnnntn	ttactaacnt	ncnatngnnc	ntnganatag	600
ncatgnantn	ttagtntntg	atntancnc	nattgcagcc	ncataattat	cctacaccac	660

anannaancc	ntccttnnag	a	gncnt	ctatgnaana	gncctnnnaat	g	nncna	720
atataanntn	ntntnctnnc	at	tannnn	ntcctacgt	nannnnncat	nn	nctntn	780
ggnnactatc	ncatantaca	tcnntnannn	cacccatnct	mntntnanat	ntctcntggg			840
nantnnnnntc	tectnnanar	ncnctaarna	ngatctctca	mntacatgan	ntanarnacn			900
natanngnnn	anarcnannn	ngtctctcnt	atnnnttatn	nannngntcan	nttacnann			960
nannnaannng	tatnntngtt	cnaaanntat	ntataaanen	ncgtnnnttt	nnannagatg			1020
tacnccnntn	anntaannat	ctangctccg						1050

<210> 3266  
 <211> 798  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(798)  
 <223> n = A,T,C or G

<400> 3266	
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atnnggcacg	aggaaagggtg
aagctcccca	caggcagagc
catgagcagt	gactccccan
cagtcccccag	ggctctcctg
cctcgagatc	tttaccctaa
agcttatctt	cacagatgcc
gacaaatgca	tgtctgattg
tgagccagac	taaggcatca
attcagtcaa	aggctgatca
atgacctgcg	aactggccaa
atcttacacg	tattnaaatg
tggggcctng	accacccttn
actggcatgt	ccttaanc
	60
aatcctttga	antaccatcc
ttgctgcgcc	ttgcagacgg
tgtgagtcac	gaaccagaga
ctccctcctn	cttgacagctc
ctctcgtgac	ctcctggcac
ctgcttttct	tcttggaat
ccctggcaat	gtaaattgat
caactcacca	tcagtcctct
gctcacctga	
cctattgntt	atgtgaaaat
gcagattcac	
ctctacctgc	ctctcacatg
gagattgtgt	
agtttatctc	ttatctacct
gttgncgct	tttcagacag
aaccagtgtc	
ngtctnccta	atatgtattc
aaaagcaagc	
cctcanggac	atcattcctg
angctgtgtc	
	798

<210> 3267  
 <211> 817  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = A,T,C or G

<400> 3267	
ngnnnnnttt	ttnnnnccgg
cgattcgaga	aatcggaaca
acattttaaa	acgtggctct
ctgaagatac	catcccacga
agcaaataa	acaaagaagc
cctnctcggt	caccttttaa
ctcatcgcta	ctatatttct
aagtttctgg	agaaagtatc
gtcagaactt	cttaaaccctc
tctcagatga	atacctgaca
gaaatatggc	aacgactttt
gcaccctgga	gaaccccaaa
	nttaaattna
atcttcatga	cttggttttt
gggaaaaaaa	
	60
gnaatcgttg	gtgatcccat
gaaagaacat	ttgcatactg
accaaccagg	aaagacttca
anccccgcct	gtatttttcc
gaaatggaca	
ttcatgatcc	atggaagctt
tggcaatacc	tgtgctttgg
accgcagact	ggagagatgt
gcaanaaacc	attgtcaagt
aaagtttnca	attgagcttc
atgggattgg	
aatgaagtng	gaagcaaggt
	660
	720

anantgctt nttaaaaaaa a tggag cctttttgaa cttttggggn g ntta 780  
cctagatccg gaccttgnta ag ncnttg gntggnc 817

<210> 3268  
<211> 725  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(725)  
<223> n = A,T,C or G

<400> 3268  
gnnnttgttc taatgctngg ctctcgttct ttctgcagga tcccatcgat tcgaattcgg 60  
cacgaggata ggccacattc cagtaagaac tcaatttgtc tcccaaattt gcagaaacaa 120  
aacgtgattt aaaagctgag ctttttatca gaaagctttt ttgatgtttt aagtgttatg 180  
tgacttgttg aactttttta aaagtgtctac ttttaaaatc ccagatactc tgaatttttag 240  
aaaacaaact aattctgatt gtgtcgtgcc caagtaccct ttttttttaa tgaataggga 300  
ccaatgccac attgcttttt atatttcttt cttttttaat gttgccaaaa ccaaaagtag 360  
ctttgttttc ctttgtattt tgctactttg cagtatttgt gtgtgtggtt ttntttcctt 420  
aatttgaaaag ggacagnnct gtgtatgttt ataaactaaa tgaagataag atattatntt 480  
gtataaacat tcatctgaga acaatcaaag cagtagccac atgggtgctgg ctcccttgca 540  
gcacaaacct ggtcattttg atgactgtca acaggaagac ttgaaaaatc acgtggattc 600  
atattaccac cgctctcatt tcatggagtc ttctgatcaa aaaaaagctc acgtcgtatt 660  
tcttctttnc tttctctttt ctaagaaaat tgggtgttnt gaccagaatg ggaattttgc 720  
ttccn 725

<210> 3269  
<211> 786  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(786)  
<223> n = A,T,C or G

<400> 3269  
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ttcgaattcg gcacgaggct atttgaagta cctgtaacaa aacagttggc cctctgtttc 120  
catgtactct gcatctgtgg attaaaccaa ttgcagatca aaaatattag aaaaaataaa 180  
aataatacaa ataaaaatac agtatnncca gttatttttaa tagcatttac attgcattag 240  
gtattagtct agggataaag tatacaggcg gatgtgcgtt gggtatatac aaatatgtca 300  
ttttatgtaa gggacttgag tatacttgga tttttggtat ctgtggggtg gggggacggt 360  
ccaggaacca ataccccatg gataccaagg gacaactgta cttatttacc tttattgtca 420  
ttgcaagctt cttatggaaa ctttatagga atgaaaatat acatgttaag aagattaaac 480  
attagatagt agatggtttg ttgcatgcta gaactgttag tattgttgaa tcaattactt 540  
tggtttcatg aaaaaataaa cgataaatat ctttaaagag aactagaaga atttttgtt 600  
tgagtnattc cangctgnag tatgatcntt tactgaagta gtttgattgg ctggctaaac 660  
ttanaattat tggtttcttg gtttgtanct gccantaggg gttantaatt gtaangataa 720  
aaatggtntg tgtggnttaa agggaaatta ggtggngggt aaaaatcttg ggaaaatttt 780  
ccgaac 786

<210> 3270  
<211> 784  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3270

tttcaaatcc	ttgttnacgc	cctttntnan	ggacccctcg	nttcgaattc	ggcacgaggt	60
tttgttctct	tctttgacta	ttaaaaagct	cagtgcctna	tattttctaac	atatggcaag	120
tgtttctgtg	taccttacaa	gtctatatat	aaatTTTTct	tctcttgaca	gggttntatc	180
tatatnnccc	aagtnacccc	taattctttt	agaataaggc	agaaaataaa	tcaacgtaaa	240
ggttgagacc	aagccagaga	cagctggcca	aagtagctgg	ttcagggata	taacctgcaa	300
gttgccaacc	cagcgcattc	ttctcaccct	tcttccaccc	tacgaaaggc	catatcttac	360
aagagatgct	ggtaaatgcc	anacattcac	tgngtnaggc	ttnctcacan	ctagcagtgg	420
catgagatca	gttcaatcca	atgacactga	aatggaactc	tccaagttag	tttctgcaaa	480
agacttctct	gttaacaggg	agttnttaag	ggaaatattg	caccttcctt	tccccctgctt	540
tttcaatcna	ngcatgatgt	cnggtgctac	cngnaaccca	tactgcnaaa	catgagggca	600
aatgagcctg	ngggaattta	aancntnaac	actaattnaa	gangaaaaaa	gatgcagaan	660
cctngatcct	tantggncca	tnattttaanc	cccttgagcc	cactttttga	aaccagncct	720
ctanaaccta	tnngtgagtc	nnntttactn	ggatcccnta	actngataag	aanccnttgn	780
ntcc						784

<210> 3271

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3271

caaatcnntt	gctctngttc	tttttgagg	atcccatcga	ttcgcgacag	ctctccaata	60
ctcagggttaa	tgctgaaaaa	tcatccaaga	cagttattgc	aagagttaa	tttttgaaaa	120
ctggctactg	ctctgtgttt	acagacgtgt	gcagttgtag	gcatgtagct	acaggacatt	180
tntannggcc	caggatcggt	ttttcccagg	gcaagcagaa	gagaaaatgt	tgtatatgtc	240
ttttaccggg	cacattcccc	ttgcctaaat	acaagggctg	gagtctgcac	gggacctatt	300
agagtatttt	ccacaatgat	gatgatttca	gcagggatga	cgatcatc	acattcaggg	360
ctattttttc	cccacaaacc	caagggcagg	ggccactctt	agctaaatcc	ctccccgtga	420
ctgcaataga	accctctggg	gagctcagga	aggggtgtgc	tgagttctat	aatataagct	480
gccatatatt	ttgtagacaa	gtatggctcc	tccgtatctc	cctcttccct	aggagaggag	540
tgtgaagcaa	ggagcttaga	taagacaccc	cctcaaacc	attccctctt	caggagacct	600
acccttcaca	ggcacangtc	ccccaaatga	gaagtctgnt	accctcatt	tcttnatctt	660
tttacttaaa	ctcaagaggc	agtacaggn	agtcaggggc	aagacattac	atttttcata	720
ctttccaca	tctgaaaaga	tgacagggga	aactgcaaag	cc		762

<210> 3272

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3272

ccttttctaa	tgcttggcat	tttatacctt	gttgatccct	cgattttnaat	tcggcagcag	60
gcactgcgtc	aagccactcc	tggagaagaa	tgatgtggag	aaagtgggtg	tggtgatttt	120
ggataaagag	caccgcccag	tggagaaatt	cgtcttttag	atcaccacag	ctccactgct	180
gtccatcagc	tcagactccn	tgttgnetca	tgtggagcag	ctgctccggg	ccttcacact	240
gaagatcagc	gtgtgcgatg	ccgtcctgga	ccacaacccc	ccaggctgta	ccttcacagt	300
cctgggtgcac	acgagagaag	ccgccactcg	caacatggag	aagatccagg	tcatacaagga	360
tttcccctgg	atcctggcgg	atgagcagga	tgtccacatg	catgaccccc	ggctgatacc	420
actaaaaacc	atgacgtcgg	acatttttaa	gatgcagctt	tacgtggaag	agcgcgctca	480
taaaggcagc	tgaaggggca	cctgcacccc	actgatgccc	aaactgtcag	actttggggg	540
atccccgcct	tagggcagtg	ctgcatggct	gccctgattc	caaagtgtct	ttatcgcttc	600
tgtgtgtggg	atcgcgccgc	ccaaccccg	ggccgcttna	gtcttgcttg	gnaggatgcc	660
ttccccagag	anggcagtga	ngggatgccg	caacctngac	ttnttannct	cctgggggtt	720
ccgcccggcn	aaaactggct	gncttaaata	ctgggcttgg	nagttgtttc	aataaaaggc	780

<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3273

gnnnnntttt	tanncccttt	tccnaatnctt	ggaatttgac	ntcgttgtnt	gatcccatcg	60
attcgaattc	ggcagcagag	aagttctagc	acatcttaat	tncccttnata	gtttaattga	120
tgaagagcat	tgntgaagag	ttaggaggtc	tccctttgtc	ctacattntc	cgntttttta	180
gaatgagaag	atgagaacga	cctccagttc	acatgacggc	tgcnngagg	atccagtang	240
ggagatacag	tgctcagcac	caagcatgtg	caagtgcagc	caatccaatt	ttacatcatg	300
ttaccctctc	aggacagttg	ctttgacgtg	gaaggatatag	agggagttga	aagganggtt	360
tgcatgggtg	gcagangtgc	cctgcagcct	tcctntncaa	gctgnaance	gtttntgncc	420
ncctggaanc	ngttggaaag	tgtgtgggtat	ggnatgaaga	tcccattttg	actctgttcn	480
tgatcttgnt	tactnaagtg	anccttggtc	nttgacngta	ttggatgatn	cattgatcct	540
anctatccct	taactggctg	ggtgntgctn	cngggggaca	ttgntttttt	nmcaatttcc	600
aatgcatncc	ttnnngnanc	tntttcctgt	cacanccanc	caattnaatt	natanctgt	660
gnattngaanc	ccnaanttcc	cagggccgtn	ngntagtctn	tntaaaanng	ggntcaanta	720
aantttnnnt	atgangccnt	tngtataann	ttttntaacc	atnggnntnt	atgncnantt	780
ncaacctgng	gttntctctn	ataactnggc	nnttttgtaa	attcnnngtn	tnntntgata	840
atntacnttn	ttttctttta	tnagnggctt	tatntcaaan	taatccncga	atanntaata	900
taattgttct	atnnatgnna	ncngcc				926

<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3274

aggnnnnttg	taannccnta	ctgaaatcct	ttgnatcncc	tcnttgtttg	accatttnat	60
tcgggcccgt	tattctctct	ttacagatag	ctatagacat	catttttagga	agtgttgcag	120
tctggcattt	gtgctattgt	tcattctctg	tgaaggctgt	tcatagttgc	tatagcctgt	180

gttttagtttt	gtgatttcat	cccatc	tttccgcgng	antaatgcat	tacatc	240
ctacccact	ttagaaacgg	acggggaa	cgcttggtca	tttaagccaa	caaaattt	300
aggatgaatgt	ccctaagtgt	ttactgnttt	tatccagtca	aggatttgct	tttccttgaa	360
catttgtttt	aaattctggg	gccaaaatgc	aaaggagaag	ttctattcaa	aggcagtagt	420
tgaaatctat	tatttttagtt	agcctacttg	gcatttacta	catcggtcac	ttctccaggc	480
tgccctaaat	taggttgatg	gagtgagaca	tgccaaacat	tcacctttgg	gaccatagca	540
tagttaaaat	taaatgtagt	tggaatagct	agcattgcag	ctacagtagg	ggaactgtag	600
tctantttccc	ctcagaaaaa	cccaaggagt	tgaanggaca	ggattttgnc	tangcnaaaa	660
atctaagact	cgtgccttc	tggtacatng	gggttttaag	actggaatgt	gtaataggag	720
cactgccttt	gcccaatcna	atgantgaca	ggttaactnn	gaaaatggga	caatcacatt	780
tcncttac						789

<210> 3275

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3275

gnnnnnnnng	tnnnnnnttn	aaancccttt	tcaaantnct	tggcattgaa	tccttgacga	60
tcccatcgat	tcgaattcgg	cacgagtatc	agacaatatt	ttattatttt	ttcatagatg	120
ttctgccaca	caaagaactt	ggggtgtaag	gataaggcaa	aagctccaat	cccatttttc	180
agttctccta	ggatgcacc	ctcagggagc	ctggccagag	ttccgnggcc	cgtgagcgtc	240
agctgttgct	ttattttcca	tcaaagccct	ctgagaagtg	agacctcagc	aattccggga	300
gccacataga	gacagacttg	gcaagggacc	ccctggntct	gagccagtag	ctgccatctg	360
gaaattcctc	ttttagcctc	tccttagagg	tgaatgtgaa	tgaagcctcc	aggcaccgc	420
tgaatttctg	aggccttgct	taaagctcag	aagtggttta	ggcatttgga	aaatctggtt	480
cacatcataa	agaacttgat	ttgaaatggt	tttctataga	aacaagtgtc	aaagtgtacc	540
gnattatact	tgatgttggt	cattttctcaa	gtcctatttc	tcagntctat	nattntagaa	600
cctangtcag	ttctttaagn	attataactg	gncctacatt	aaaaaaatgc	ttctcgaaaa	660
aaaaaaanna	tnnnantaca	aannaaaaan	cttcgaccct	ttaaaacctt	ttggggngcn	720
gatttacctn	ngaancccg	cctgatnaga	aanccntggt	taaagtntgg	anaaacccca	780
cctnnaaagg	cnagggnaaa	aaaaagcccn	tttc			814

<210> 3276

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3276

gnnnnnnttt	nnnnnnnngt	ttcnaatnct	tggcattgat	ccnttgnttg	atcccttnat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggactttc	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttcacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtg	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480

gaaactattc	agagaaaact	tccacta	agttttatgg	ngntttgttc	tccagaa	540
gcataggcat	actgacaata	caaccgaaa	tccttctaac	gtagtggacc	ttccaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatgggttg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
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<210> 3277

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3277

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cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaag	gaaagaacat	ttgcatactg	120
acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagactttca	180
ctgaagatac	catccccag	acacaggata	gaaagaanga	anccccgcct	gtattttttcc	240
agcaaataa	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatctct	caatcggacc	tcaggcaaaa	tggaataacc	tgtgcttttg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaacctc	ttggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagtttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccgaatt	ttttggggcn	aatgaagtng	gaagcaaggt	660
gcaccctgga	gaacccccaa	nttaaattna	atcttcatga	cttggctttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttggag	cctttttgaa	cttttggggn	gtcggnttta	780
cctagatccg	gaccttgnta	agntnctttg	gntggnc			817

<210> 3278

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3278

gnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttag	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcaciaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatgggttgg	ctcttggtat	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780



<210> 3279  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 3279  
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 ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag 180  
 tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc 240  
 ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt 300  
 gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca 360  
 tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag 420  
 ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaataggg 480  
 gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa 540  
 gcataggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc 600  
 agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac 660  
 aatggttggg ctcttggatt tgaattgatg atgtaatgag ccctctttnc ngattgnaac 720  
 ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan 780  
 taanc 785

<210> 3280  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 3280  
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 tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa 120  
 ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag 180  
 tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc 240  
 ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt 300  
 gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca 360  
 tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag 420  
 ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaataggg 480  
 gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa 540  
 gcataggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc 600  
 agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac 660  
 aatggttggg ctcttggatt tgaattgatg atgtaatgag ccctctttnc ngattgnaac 720  
 ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan 780  
 taanc 785

<210> 3281  
 <211> 800  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3281

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tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtg	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tcctttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatggtttg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
ttttntctct	tttatcaaac					800

<210> 3282

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3282

ttctaantngc	ttggttactc	gccttttctgt	aggatcccat	cgattcgaat	tcggcacgag	60
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ggatcgcttg	agccancag	gtcaaggcta	cantnagccg	tgatcatgcc	actgcactnc	180
aaactgngng	acacagngag	accctgtctn	ttaacaacan	ancccatgag	cggcangccc	240
cccagtctgg	atggtggtaa	agaatcctta	agatcaaacc	cacgcagtgc	ttaaagcttg	300
gcctgattct	agggctgggg	ctggacaaac	tgctanagat	natgccgata	gccngtgtga	360
tcccctgnc	ctgatngtna	anggcatagt	gcagantgga	accctttccc	tccccaaaaa	420
attcagacct	gnngggctga	gtgggcctta	ttgagtcccc	aaagttctga	gaanctnggt	480
ntctggcttt	tagccttcag	ctttcttagg	ttntgatgca	atnagttgng	ttccccctgcc	540
cttttcttgc	catgcacttn	cgaangaang	gtttncnggg	ttgcntggga	ancnttnccc	600
naacngcctn	ttanccaccn	naagnttttn	nngaatacanc	acttccctnn	gggggggaat	660
actttttaa	nccggaagnc	ctttnaacnc	ccttgggntc	cttccccnga	ntaccaagc	720
ttnaaatcca	aaattaccgg	natcnttagg	gctttgtagc	ntntgggttn	ggntttgcnt	780
nttttttctt	aanctttntt	tnaataaacc	aatttcttnt	gnnacncc		828

<210> 3283

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(898)

<223> n = A,T,C or G.

<400> 3283

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cacgngatta	cctncaaadc	tcaaggcggc	cttgaacatt	gagaaaagac	taccaaagcn	120
tagacacgtt	ttcagaagga	agacagcctc	ctccaggagc	atcttaccgc	acctcttgtc	180
accgtaccaa	atggcgatcc	gagcnanccg	actggangag	agccgagcgg	cggcgctccg	240
agagctccag	gagaagcagg	ctctgatgga	gcagcagaga	cgagagaaaa	gggcactgca	300
ggagtggaga	gagcgagccc	agaggatgag	gaagaggaag	gaagagctca	gcaaactcct	360
gcctccgcgg	aggancatgg	tggcatcaaa	gattcctctg	ccacanatct	gatagataac	420
aggaaagtgc	caactgaatcc	gcctggaaaa	atgaaaccaa	gcaaagagaa	atcgccacan	480
gcaagtaang	aaatgagtgc	cctgcangag	agaaatttag	nagagaagat	tnaacagacc	540
gttcttcaaa	tgcttttagc	cnangaagan	ttccttgggc	tatgccccca	cttggttaagg	600
aanattnatn	naaaaggctt	nncctnangg	gnttctgggg	aaaatttggc	ccaccantat	660
gnttnncntg	ggnatttgaa	aaantatttt	tgganaaagc	cttaaanaat	tttgggggga	720
atttaaacc	tttggttaacc	caataggtat	ttggtatnta	actgggggtn	ggngnncctt	780
tnacttgggg	aaaaacntttt	tccctttggg	cccttngccc	tgtcagcnac	naatgctttt	840
taaaaattnc	cttttatttt	taacctcnan	atattttggg	ttaaattattt	angnancc	898

<210> 3284

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3284

nctaagtctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
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ctgtgcctga	ccaccatctg	acttttgata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagccact	300
actcccctat	aatcagtgtc	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atggggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaattttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcat		705

<210> 3285

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 3285

gnngnnctaa	tgctggctac	ttgttctttt	ngcaggatcc	catcgattcg	aattcggcac	60
gagtttacat	tttgtttgaa	tcaggatcca	aataaggttt	aatattgca	atttgattaa	120
tacattaaga	ttcttttaac	ctataagttc	ctgctccatc	tgctatttta	tttttatccc	180

ttgaaattta	tttattgaag	a	atatac	ctttgctttg	taaaattttc	c	tgtgg	240
ctggccttgg	ctgattgcta	g	g	catttg	ctatttattt	ttgtcctgta	t	300
ggcgccttga	tcagatttaa	g	ttgattttt	ggggacgtaa	ttacttcata	ggtattatgc		360
atttttggat	agaggagtaa	agtagtgaaa	gtaatgtttt	taggatgggt	tgtctggcag			420
cagtgtgcaa	aatgaattgg	tagaggagaa	atggagagct	gcgaattaga	aggcaggttc			480
aatcagtgca	ggaaggaaa	gctacagtaa	ggcagaggca	gggaaaagaa	aggcaataga			540
gatgagagag	attttgaaa	aaggaatttt	caataccttt	taggcttaac	tataagaaat			600
ggagagtcgg	ctgggcatgg	tggctcatgc	ctgtaatccc	agcactttgg	aaggccaagg			660
ccagtggatc	acctgaggtc	aggagttcaa	gaccaacctg	c				701

<210> 3286

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3286

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tgattatgaa	agaaataagg	cacaaccaca	gtttttcttt	cttaaatttc	atcactgttg	180
atgtggttct	tttgtgttaa	aaaaaaaaag	tgcaactatc	aaaactaaaa	aattatagag	240
taatattgcc	gttctgctga	ttttaaatat	acaatacatc	atacatactt	tacaagcaag	300
ttaaatggag	ataaagttga	aatcatagaa	gatgcaaatg	acctttcaaa	atcaacacaa	360
tgtgttctga	aactttcgtg	actaatacca	tgcatctgtg	atcaatgaac	tatgtggttt	420
tgaatcggat	gtagaccatt	agtactacta	cttgagctaa	acttctgcat	ggttcataat	480
ttttaaagtg	tgtagttaat	atgcatgtta	tcgctccttc	ttccattctt	aacagtatgt	540
gcccatattgc	aaaacaaaaa	tgctaataat	cagtaataagt	cctataaaaag	atgttaactc	600
tgttttagtca	ttgactgatc	ttgctctaac	cttaaaattt	tgtgattatt	gacctctgtt	660
gcattttattc	taaagccccc	caaaaattat	ctagccggtt	cgaag		705

<210> 3287

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 3287

nctaattgctg	gctatngttc	tttntgcang	atcccatcga	ttcgaattcg	gcacgagcca	60
agcgcagccg	attctgcccc	ctacgattgg	ttcggggact	tctcctcctt	ccgtgccctc	120
ctagagccgg	agctgcggcc	cgaggaccgt	atccttgtgc	taggttgccg	gaacagtgcc	180
ctgagctacg	agctgttcct	cggaggcttc	cctaattgtga	ccagtgtgga	ctactcatca	240
gtcgtgggtg	ctgccatgca	ggctcgctat	gcccatgtgc	cgcagctgcg	ctgggagacc	300
atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtgggtgt	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gatccctgga	ccgtgtcctc	tgaaggtgtc	420
cacactgtgg	accaggtgtt	gagtgggtg	agccgcgtgc	ttgtccctgg	aggccggttt	480
atctcaatga	cttctgctgc	ccccacttt	cggaccagac	actatgcca	agcctattat	540
ggctgggtccc	tgaggcatgc	tacctatggc	agcggtttcc	acttccatct	ctacctcatg	600
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<210> 3288  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

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 gatgaaaaga agaggtgact gttgtatcag ctctaaaggc ctcacttttg gtgaaatggg 180  
 acctaaattt gattgcatac ttgattactt gctgtcaata ctgaaattgg cacttcataa 240  
 ttttaatact attgaacttt caccataaacc ctgtcctata aagttgactt gcaaatgaag 300  
 aaactctatc tcttcaatat tataaaatat atccaagagt cacaactagt gagaaaagga 360  
 caggatctaa ctaacaatgt gaggctgtgt cttcacacca attcaacaga gtatcttgta 420  
 aatgttgaga ggagaggtac tttaggtcat ggggtgtcttt caataagtgc tttagaaaac 480  
 aggtgacaac tgattgggccc ttgaggtatg aatggattta gccaggcaat taaataggaa 540  
 agcagatact caagacagat taaaacagct tgagagaagt gaaatgagca agtgaagac 600  
 aattgatact gtccatggat tttagaaagt gtgaagtgga gtgattgtga tgaagcttga 660  
 aagattgcct ggggccaggc tgttgaangc ttggtttgct tant 704

<210> 3289  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 3289  
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 gatgaaaaga agaggtgact gttgtatcag ctctaaaggc ctcacttttg gtgaaatggg 180  
 acctaaattt gattgcatac ttgattactt gctgtcaata ctgaaattgg cacttcataa 240  
 ttttaatact attgaacttt caccataaacc ctgtcctata aagttgactt gcaaatgaag 300  
 aaactctatc tcttcaatat tataaaatat atccaagagt cacaactagt gagaaaagga 360  
 caggatctaa ctaacaatgt gaggctgtgt cttcacacca attcaacaga gtatcttgta 420  
 aatgttgaga ggagaggtac tttaggtcat ggggtgtcttt caataagtgc tttagaaaac 480  
 aggtgacaac tgattgggccc ttgaggtatg aatggattta gccaggcaat taaataggaa 540  
 agcagatact caagacagat taaaacagct tgagagaagt gaaatgagca agtgaagac 600  
 aattgatact gtccatggat tttagaaagt gtgaagtgga gtgattgtga tgaagcttga 660  
 aagattgcct ggggccaggc tgttgaangc ttggtttgct tant 704

<210> 3290  
 <211> 700  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(700)  
 <223> n = A,T,C or G

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<400> 3290
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ctttttttat gcaattcagt ttgttctcag tgatgagttt agtcattctt gtccagaaca 180
gcggttggct ttattgcatg aagggtactgg tcctcgtggt atttctgctt ttgtggagat 240
tatttttgat aattcagaca accggttacc aatcgataaa gaggaagttt cacttcgaag 300
agttattggt gccaaaaagg atcagtattt cttagacaag aagatggtca cgaaaaatga 360
tgtgatgaac ctctttgaaa gcgctggtt ttctcgaagc aatccttatt atattgttaa 420
acaaggaaag atcaaccaga tggcaacagc accagattct cagagattaa agctattaag 480
agaagtagct ggtactagag tgtatgacga acgaaaggaa gaaagcatct ccttaatgaa 540
agaaacagag ggcaaacggg aaaaaatcaa tgagttgtta aaatacattg aagagagatt 600
acatactcta gaggaagaaa aggaagaact agctcagtat cagaagtggg ataaaatgag 660
acgagccctg gaatatacca ttacaatca ggaacttaac 700

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<210> 3291

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

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<400> 3291
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gaaatctttt ggatcactta acaagaatga gatctaactt tttgaagagc actcgcagat 180
ttctgaaagg acaggacgaa gatcaagtgc acagtgttcc tatagcacia atgggggaact 240
accaggaata cctcaagcaa gtaccttctc cactaagaga acttgatcct gatcagccac 300
gaagggttga tacattttggc aaccctttta agctggataa gaagggtatg atgatagatg 360
aagcagatga atttgtggct ggacctcaaa ataaacataa acgaccgga gaaccaaata 420
tgcaagggat ccctaaaaga cgtcgggtgta tgtctccact actaagaggc agacagcaga 480
atcctgtttg aaacaatcat attgggggaa aaggaccacc tgcacctaca actcaagcac 540
agccagatct tattaaacct cttcctcttc ataaaatttc agaaaccact aatgattcga 600
taatacatga tgtgggttga aatcatgttg cagaccaact ttcacagac attacaccaa 660
atgctatgga tacggaattt tcagcatctt ctncagccag ttag 704

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<210> 3292

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

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<400> 3292
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cacttttagat gaagagttac ccaagagagt gaaagctcga tttccacag cctctgacat 180
gcgatttgaa gacacgtttt atggagcaga cattatccaa ggggagagaa agagacaaag 240
agtgtgagc tccaggttta agaatgaata tgtggccgac cctgtatacc gcactttttt 300
gaagagctct ttccagaaga agtgccagaa gagacagtag tctgcataca tcgctgcagg 360
ccacagagca gcttgggttg gaagagagaa gatgaaggga catccttggg gctgtgccgt 420
gagttttgct ggcataggtg acagggtgtg tctctgacag tggtaaatacg ggtttccaga 480

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gtttggtcac	caaaaataca	aaacaccc	aatgaattgg	acgcagcaat	caatcat	540
ctctagtctt	gctttcactt	gagcagtt	gtcttctatg	atcccaaaga	agcttctaa	600
gtgaaaggaa	atactagtga	atcacccaca	aggaaaagcc	actgccacag	aggaggcggg	660
tccccttggtg	cggcttangg	ccctgtcagg	aaacacacgg	g		701

<210> 3293

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3293						
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ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagccact	300
actcccctat	aatcagtgtc	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcat		705

<210> 3294

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 3294						
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taagcatatg	acagcaacaa	ataagatact	tataacctaa	tgggacttta	ttttgtagtt	180
ttatgtatta	caaaaaatcc	acctttctct	aaggggaagt	ttgtacccca	ttgattcttg	240
gtgccttttg	gatcgactgg	gttttaatgg	cctagttatt	tgaggatttt	gctgtgttgt	300
tttccatgtc	ttctctggtc	accttggatt	atatataaaa	atacaggaaa	tagataaaca	360
tgaatgtgat	taataatgct	gaaaaagtat	tagcctacca	aagacacact	caggctttag	420
tgaataactt	tacataacct	cagtttttaa	cacatgcata	tcttctccaa	ccatgaaatc	480
aaagcacggt	gcagaacttg	taccaagtac	aaaaggtcca	tgtatgatta	gcattatttt	540
cttttgcttt	tgtttatgga	caatgttcag	ctgacataag	cagaagttgg	ccaaaatact	600
gcctgtactg	ttaatttcct	gtataattca	cttaaataaa	agcagggttaa	cctcaatgat	660
agcagttaaa	atgttctatc	ttatgtattt	cttttaagta	ttaccattan		710

<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1073)  
 <223> n = A,T,C or G

<400> 3295

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aaagagtgc	ggcgcatcga	aaacttggtg	aagaacagaa	tgcagagaag	gcgaggaaag	180
ccgaagagat	gaggcggcag	cagaagctaa	agcaggccaa	actggtggag	cantncatat	240
annanmtctg	gtcgncntn	gncntttgt	ttantcnnat	ccntccccct	nccnctctc	300
tnntccnccc	tcttatnact	tcntntttcc	ntctttnttc	tntnccccct	tcnctttnna	360
tcttccnntt	ntnntntnec	ntcccttctc	ncnctnctc	ttctctcntt	cctcttcatt	420
ctntccnctc	ccttctctct	ttcactctcn	tcncttctct	tctctattct	cttcnntcnn	480
tntcttctcc	tatccactna	cntcctntct	ctctcatccn	atctcatnnc	tctctctcat	540
nctantnct	tctctccact	ttctctctac	natntctcnc	tactctctna	tcananacct	600
ctntccnctc	ttctatcnct	ctctactnct	ctctctctct	tactatctct	ctntctnttc	660
ttctctctnc	ntctctcac	ttcntactnt	tatttctctn	nttctcatca	gtctcttntc	720
atctctttct	ctncngttta	ctntctnct	ctcntatctc	tntatntct	ccttctctct	780
cctctatnt	ctanatcatn	tctcntnct	ctnantctct	ccctttctc	cgtctcnacc	840
aantnctnt	acntgcntcc	tcnccnctc	ttcnttttca	tattctctct	ctcttcttn	900
ttctnactct	ctccctctct	ctctnttct	actgcntgct	tctnactnn	ctccttanct	960
acancatna	ctcacctcat	ctcatctct	cnctctnctc	tctctcnct	ntntttctct	1020
ncttntatc	catcnttct	cntnctctt	ctctcacact	acttntctct	nnt	1073

<210> 3296  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 3296

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ccgaagaaaa	agactgtggt	ggcggagatg	ctctctccaa	tggcatcaag	aaacacagaa	120
caagtttggc	ttctctctatg	ttttccagaa	atgacttcag	tatctggagc	atcctcagaa	180
aatgtattgg	aatggaacta	tccaagatca	cgatgccagt	tatatttaat	gagcctctga	240
gcttcctaca	gcgcctaact	gaatacatgg	agcatactta	cctcatccac	aaggccagtt	300
cactctctga	tcctgtggaa	aggatgcagt	gtgtagctgc	gttgctgta	tctgctgttg	360
cttctcagtg	ggaacggact	ggaaaacctt	tcaaccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttgga	tttagactca	tctccgaaca	ggcagccat	caccaccaa	480
tcagtgcatt	tcagtctgaa	ggattaaaca	atgacttcac	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcatacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)



<223> n = A,T,C or G

<400> 3297

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ccctgggatg	cccaccaggc	ccagggatcc	acctagggtg	gtttggcaac	cctgggtgatg	180
gcagtggtag	tggcacatcc	tgcctttgca	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcttttt	ccagtgggtc	gatgagaaca	ccgctccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cggaagccag	aagcaaaagg	ccccgggcca	420
gttcctcaga	catgggggtc	acagcaaaga	aaccccgga	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgtcctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	cctttgtgtt	tagaaatgag	ttaaccagga	ccaagtggcc	600
atttagtgtc	ctggaaactt	agaggacagt	gttggccttt	ggagtcgggg	cttcttgtgt	660
taaggggcac	aaggtccaga	tcactctgga	gcaggccagc	ttctgttgg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

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tctgcagctc	acggttgcc	cggtgggctg	ggacttccgt	ctgaatttta	aatacttagg	180
gttcattttt	ttttctctgg	caacaaagct	tgatgttttc	actgctttag	tttcctgttt	240
gctggtggga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gccccggggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agcccctcga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	ccctgctctc	cacaggcacc	420
tctggggtct	tggatgggtc	cccgctcacc	tccttcaga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggatctgggg	catgggangg	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtgttaacc	ccagtcctgg	cgtangttta	cagnctctca	600
aggtacntng	nccccgtntc	tccctgggana	nangnntcnn	tnatgatccc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nntcganagc	cngaagccc		709

<210> 3299

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3299

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catcctttgc	acctatagga	ggtgagtgcc	tttggggaag	acggcgaggg	cgacgacctg	180
gacctatgga	cagtgcgctg	ctctggacag	cactgggagc	gtgaggctgc	tgtgcgcttc	240
cagcatgtgg	gcacctctgt	gttcctgtca	gtcacgggtg	agcagtatgg	aagccccatc	300
cgtgggcagc	atgaggtcca	cgcatgccc	agtccaaca	cgcacaatac	gtggaaggcc	360

atggaaggca tcttcatcaa g	gtgtg gagccctctg caggtcacga t	420
gtgtgtggat ggatgggtgg a	gaggtggg cgtctgcang g	480
gcagagactt tgggtatgta g	gggtcctca agtgccttg ngattaaaga atgttgggtct	540
atgaaaaaaaa aanntnnccc antcnccaan	ncnttctnnc nnanctcnnt tnnntcnntcc	600
antttnnccct ntncncccta ntctnccnct	acttccnatin naccnataca tccccntcac	660
ttnattaant ccnatnttan antngcnenc	tntcnnaen ntentctcat acntggtnn	720
atcanttctc tanatcctct ctcnntctc	cgncgctnna ctnttctctn tancactcac	780
cct		783

<210> 3300  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 3300		
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gcactgtcgg cctgtctgcg agcccacacg	cccctccaca tggctgcccct cctcctgctt	180
ccctggctca tgttgetcac aggacagagt	tctctggcac agttttgcctt ggccttcgtg	240
acggacacgt gcgtggcggg tgcgtgctg	tgcggggctg ggctgctctt ccatgggatg	300
ctgctgctgc ggggccagac cacatgggag	tgggctcggg gccagcactc ctatgacctg	360
ggtccctgcc acaacctgca ggcagccctg	gggccccgct gggccctcgt ctggctctgg	420
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ggggggcccc cacacctaga ctacagtaagg	aagtcggggt ggaccttaac atctgcattg	600
gacaactcca ccccttctt ggccttgccc	ctgcccgcct acactcctac gtgtccaggg	660
cttgggcccc tgacttange agaggagtgc	agaggaggggt ctggc	705

<210> 3301  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 3301		
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gttggttttg tttttctgtt ctcttctgtc	ctgtcttata ctgcaactgt gtctcctagg	180
ggacagatgg ccttctttgt catcttctact	ctccaccccc agagaggagt cagagccata	240
actcaatcac tcagccctc caaagatagt	tgatgtgtga taatctcata atgttgagaa	300
ccctgatgag atacattgtc ttctctctcc	tacaatgcct ctggggccaa ggcacccatt	360
cttcttgcta tcttccatcc cccttgaggc	ttccactttt ttttttttta gacataaagc	420
tgggcatcag caactggcct gtgggtgatgc	aaagtgcctt tgctctgnat ctggctggac	480
tgatctgtct cacaagaagc catgaggcca	tagggagaag ctccctctcc ccttcatctt	540
ctgctccaaa ggtggtanca agaggagtac	ccagttagggt gttggagccc ccataatnaca	600
tcttctgtc agaagactga tggatctttt	tcattccaac catctccctt tcccccgat	660
gaatgcaaat naaacttttg tgacaccagc	aaccattgc tctttanaat	710

<210> 3302  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 3302  
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 atttccttgg gagcaatgtg tgagggagge catctgagga gatctgtggc tttcttttgt 180  
 tgtgggaatc tggccttatg atgaatctac gacacaggat tgtgaaatta cagctctttg 240  
 ggaacaaaag gaaggcagta ttgcatgact tagtttccca gcttcacttt ccctttggca 300  
 tgggtgagttt ggggtccttg agtcttattt tctttcacac ccatcagcac tgttaagtaa 360  
 gcaggaagac aacctgaggt tgtctcttta ctttgagttc ctacataata aattgcagcc 420  
 taatttagta cataaaccga aacctaatat aggagtaaatt tttttgtagc agatagccag 480  
 atttcagcca atcacaggct tccagctaac aagactatgc ccaaataagg caaatgcctc 540  
 atcacatgat gctcaaataa ggcagccacc taggcgaggg caatcaggta acttttctac 600  
 tttgcttaat tgttcagcct gtacaaattt gctgcttatg actgctgagc agagctgtct 660  
 aaacctcttc tggtttggag tgctgcctta tatatgaatt gttctttgg 709

<210> 3303  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

<400> 3303  
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 cacgtggggc tcatectgct ggcggtcctc ctgcttctgc tgtgtggtgt cacagctggt 180  
 tgtgtccggt tctgctgctt ccggaagcag gcacaggccc agccacatct gccaccagca 240  
 cggcagccct ggcacgtggc agtcatccct atggacagtg acagccctgt acacagcact 300  
 gtgacctcct acagctccgt gcagtaccca ctgggcatgc ggttgcccct gccctttggg 360  
 gagctggacc tggactccat ggctcctcct gcctacagcc tgtacacccc ggagcctcca 420  
 ccctcctacg atgaagctgt caagatggcc aagcccagag aggaaggacc agcactctcc 480  
 cagaaaccca gccctctcct tggggcctcg ggcctagaga ccactccagt gccccaggag 540  
 tcggggccca atactcaact accaccttgt agccctggtg ccccttgaag gaggtaggag 600  
 aacggaccag agcttgagga actaatgctt ggagccaagg gccccagccc accccaccgt 660  
 cccacacatt gctgtggccc caacctcggt gccatgttac accggcccct gg 712

<210> 3304  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 3304

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gctaaaagca	gaaaaaaaat	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcacaaa	tggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgc	gggtgccagg	aacacacaca	tcctccatcc	cagcata		707

<210> 3305

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3305

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gctaaaagca	gaaaaaaaat	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
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actcacaaa	tggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgc	gggtgccagg	aacacacaca	tcctccatcc	cagcata		707

<210> 3306

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 3306

ctaagtcttg	gctantngtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagat	60
tagctgcttg	tggtggggcc	ccaaccgcc	tcgggcaactg	gggagctggg	ctggggctgc	120
tgtctctggg	tctccggggg	ccacagcttg	gggtgagttg	aagacctcag	gggatgtgga	180
ggggctctgc	gggccctggc	cgcacaggat	ggccttcagg	gaaggtggtc	ttggggcatg	240
gtgcagagca	ggtgaccgga	gggaatcggt	gacggagcgg	ggccaaggga	ggggtcgga	300
gggagtcagg	gatggagggc	agagggagtg	gatgtggggg	tttgaggacg	tgtgacaagc	360
tccagcaggg	gtggggggcc	ggctgagggg	gggggtgcga	ggtgggtcact	cccatcgtgc	420
ccctggccgt	ccctccactc	acccacacct	ggcccagtc	acgttgaggt	ccaggactgg	480

gaaggaccgg	gtgagtgcac	c	raccca	ggccaggtgc	cccccgagc	c	gggggt	540
ggccagagca	ggagggggtg	tg	cccttt	ttgtgggtgt	tgcattgcaa	tc	agtggac	600
aagaaaaaat	aacanaacan	anaanaaaaa	aaaaaactcg	agcctctaga	actatagtga			660
agtcgtatta	cgtagatcca	gacatgataa	gatacattga	tga				703

<210> 3307  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 3307								
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gggagaactt	cctcgaggct	ggaactgggt	tgatgtttgt	aagcatttaa	gcaaaactgg			120
ctctaaggat	gatgagtagc	acttgggaatt	tgagacaagg	aaagagcatt	ctttaaagag			180
taaaactggg	ttcaaaatct	ttcattacta	ttttctggta	ttgaggcgac	tttttataaa			240
acacaatttt	ttgtatgttt	cttacattaa	aaaggttgta	agttgaaagt	tcataaagag			300
atcttgttgt	attaaattat	tttcacaaac	ttgccttaat	aaaagggtgaa	aatgtttactg			360
tttagtatac	tttatgaagc	cccttgagct	ttataaatgg	acaggcatgg	ggaataagaa			420
tcagtgttaa	tttaaatgat	cttatcctgg	tggatgtgct	attttcttaa	aggagtatga			480
agcccttttc	aaactatcat	cccagtggag	cggagtactc	agtgaacagt	tactccatag			540
tgcaatccat	attaataggc	ttcttctctt	aagtcttcat	ctcttctttt	gcttaattac			600
tgaaccgtaa	attacttcag	agaaatttaa	atgctgggtat	ttgaacttta	tacatgatac			660
ttttttagt	ttctttta	ttttgaaaga	tgaactgctt	ccttttaanc				710

<210> 3308  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 3308								
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tgctggcnat	cgttctttcc	gcagcagccc	ancgattcga	attcggcacg	agataacaca			120
gactttcaag	gaccaaggat	tggaggtttt	aaagcaggaa	acagcagttg	ttgaaaacgt			180
ccccattttg	ggactttatc	agattccagc	tgagggtgga	ggccggattg	tactgtatgg			240
ggactccaat	tgcttggatg	acagtcaccg	acagaaggac	tgcttttggc	ttctggatgc			300
cctcctccag	tacacatcgt	atgggggtgac	accgcctagc	ctcagtcact	ctgggaaccg			360
ccagcgcctt	cccagtggag	caggctcagt	cactccagag	aggatggaag	gaaaccatct			420
tcacgcgtac	tccaaggttc	tggaggccca	tttgggagac	ccaaaacctc	ggcctctacc			480
agcctgtcca	cgcttgtctt	gggccaagcc	acagccttta	aacgagacgg	cgcccagtaa			540
cctttggaaa	catcagaagc	tactctccat	tgacctggac	aagggtggtg	tacccaactt			600
tcgatcgaat	cgccctcaag	tgaggccctt	gtcccctgga	gagagcggcg	cctgggacat			660
tcctggaggg	atcatgcctg	gccgctacaa	ccaggagggtg	ggccagacca	ttcctgtctt			720
tgcttctctg	ggagccatgg	tggctctggc	cttctttt					757

<210> 3309  
 <211> 710  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 3309

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cggcacgagg	tcacatctta	gatggatggt	ggcagacaaa	aagagagagc	ttatttaggg	120
aaactctggt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatcccat	gattcaatca	tttctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
atcaaaatgg	attaaagatt	taaatctaag	accttatact	ataaaaactaa	aaaagaaaac	480
agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	acccctcaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagcccac	agaatgagag	aagtatttgc	660
aagatactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3310

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 3310

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cggcacgagg	tcacatctta	gatggatggt	ggcagacaaa	aagagagagc	ttatttaggg	120
aaactctggt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatcccat	gattcaatca	tttctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
atcaaaatgg	attaaagatt	taaatctaag	accttatact	ataaaaactaa	aaaagaaaac	480
agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	acccctcaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagcccac	agaatgagag	aagtatttgc	660
aagatactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3311

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3311

ctaagtctgg	gctggcgntc	tttccgcaag	anncctcgat	tcgcccaggc	tgacaggggc	60
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tctgccgtct	ttaacatgtg	acttagg	tcagtcac	ggtcattgct	tacaca	120
gcagataaga	caaaggagtg	gaaatagagg	ggtagagatt	ttctcttaaa	cgtgtgagggc	180
tggagtggtg	tgcttcattg	gcaagaac	ggtcctagcc	tgcttagctg	aaaggagggg	240
agtcagggag	atgcactttg	cagccaaaat	tctgttgcca	agaaggggaa	agtagatttg	300
ggttgatttt	gatctgtgtt	tgctgctgtg	ttactctata	attcagccat	gtactctgga	360
ggtttagcta	tgttgtagcc	aattgatcta	tctcattcct	ttttactact	gtacattata	420
ccacaataag	agcatgctac	gctttgttta	gctgctagct	gtttccttcc	taatggatag	480
ttagctgatt	tctgttggtt	ttctctgaga	accaatgttg	caacgccc	cgaggaactc	540
tgccccccag	atatatgtac	atgtgtgatg	tttctctttt	atgggaactg	ggtcatcaag	600
catgtgtctt	tagtctggat	agctattgtt	aaactgccta	caaactgagc	agatctatta	660
atatcagtta	cacttgggcc	tttgggggtt	gagan			695

<210> 3312

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3312

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tctgccgtct	ttaacatgtg	acttttctagg	tcagtcac	ggtcattgct	tttccacaca	120
gcagataaga	caaaggagtg	gaaatagagg	ggtagagatt	ttctcttaaa	cgtgtgagggc	180
tggagtggtg	tgcttcattg	gcaagaac	ggtcctagcc	tgcttagctg	aaaggagggg	240
agtcagggag	atgcactttg	cagccaaaat	tctgttgcca	agaaggggaa	agtagatttg	300
ggttgatttt	gatctgtgtt	tgctgctgtg	ttactctata	attcagccat	gtactctgga	360
ggtttagcta	tgttgtagcc	aattgatcta	tctcattcct	ttttactact	gtacattata	420
ccacaataag	agcatgctac	gctttgttta	gctgctagct	gtttccttcc	taatggatag	480
ttagctgatt	tctgttggtt	ttctctgaga	accaatgttg	caacgccc	cgaggaactc	540
tgccccccag	atatatgtac	atgtgtgatg	tttctctttt	atgggaactg	ggtcatcaag	600
catgtgtctt	tagtctggat	agctattgtt	aaactgccta	caaactgagc	agatctatta	660
atatcagtta	cacttgggcc	tttgggggtt	gagan			695

<210> 3313

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 3313

nctaagtctg	gctgttggtc	tttttgagg	atcccatcga	ttcgaattcg	gcacgaggtc	60
cagaaatact	ctgatactag	ctatggtcag	caacatttaa	tgaaaaccct	tatgttaaaa	120
ataaaccct	gcctcctggc	ttcaagcgat	tctcctgcct	cagcctcctg	agtagctggg	180
agtataggca	cgtaccacca	caccagcta	attttttgta	tttttactag	agatgggttt	240
cacagtgtta	gccaggatgg	tttcgatctc	ctgacctcat	gatccgcccc	cctcggcctc	300
ccaaagtgt	gagattacag	gcgtgagcca	ctgtgcccgg	cctcaaaaatc	ttaagaaaag	360
gttcttttgg	tgcatggagt	tttacatgga	ataagttagt	gcctctgcaa	tttaaataatt	420
ttttacacag	atttgatgct	gtgcaaatgc	cctctcccct	tttaggtgtt	gcttgttcag	480
tatctcaagc	ccagaaagat	gaattaatcc	ttgaaggaaa	tgacattgag	cttgtttcaa	540
attcagcggc	tttgattcag	caagccacaa	cagttaaaaa	caaggatatc	aggaaatttt	600

tggtatggtat ctatgtctct g	aggaa ctgttcagca ggctgatgaa t	tctaa	660
gagttacctg gctacagaaa ga	gatgccca gatgacactt n		701

<210> 3314  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 3314		
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ggttcagcaa cttcttgtct caatcacctt tcagtcagag tgtgatgctt tccccaacat	120	
atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa	180	
cagagtttgg ggagcattac gaggtttaga gacctttagc cagttagttt atcaagattc	240	
ttatggaact ttcacatca atgaatccac cattattgat tctccaagggt tttctcacag	300	
aggaattttg attgatacat ccagacatta tctgccagtt aagattattc ttaaaactct	360	
ggatgccatg gcttttaata agtttaaatgt tcttcaactgg cacatagttg atgaccagtc	420	
tttcccatat cagagcatca cttttcctga gtttaagcaat aaagttagta aattgtattg	480	
tactctgtct acaaaaaacat tgggtatagt ttcattacaa gttttagct taaatgtttg	540	
ttcttatgga tagaatcaaa gtgtaaaaaat cagatgttta tggtttttaa tttttttggc	600	
tgtgacttag cattttacat ccataaaaact ttttttgtaa ttgntataac ggttactgta	660	
attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg	704	

<210> 3315  
 <211> 702  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

<400> 3315		
gnnctaattg tggtctttgt tcttttgcag gatccctcga ttcgtttttt aagagataag	60	
gtcttgtctat gttatctagg ctggcctaaa cttctgggct gaagtgatcc tcctgtgtag	120	
ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat	180	
atgtgaagat gtgtattata gaattgtttg taatactgta gtgtttagg caatgtgact	240	
gtctataggg aagtggacag gttattttgtg gtaaatactc atggaaaacg gtcaagcagt	300	
taaaagcaat caattatggt caccagcaa tgcagataaa tcttaaaagc atatgatgct	360	
atgataccaa agcacaagca ccgcccctgt aaatagagga attagatttc ttcagcatta	420	
aaactttgtg catcaaagga tagtatcaag aaagtaaaaa gacaaatgga gaatgggaga	480	
aaaatacttg caaacatgt atctgataaa ggtctagtat tcagaaaaca attcaacaat	540	
aaaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt	600	
aaagaagatt tacaaatagt caataagcac atgaaaaaga tgttcaacat cattactcat	660	
cagcaaatg ccaatcaaaa ccacaatgaa ataccatttc at	702	

<210> 3316  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

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<400> 3316
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attcgaattc ggcacgaggc cacacgggcc gcatcatccc tgcaatctgg ttccgctacg      120
acctcagccc catcacggtc aagtacacag agagacggca gcccgcttgt acagattcat      180
caccacgata tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat      240
gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc      300
acacccagcc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc      360
tcctttggcc ctcaatctgg tcccaaactc ggctgtgtcc caaaggggtg gtgggaagtg      420
gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccc tgttttctttt      480
tagacaaatt aactgacctg aagttgcagt tcccctttcc tggggagccc caagaacaga      540
gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntctaggag agctgcagtc      600
tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac      660
aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca      720
agccaacctg ncccaaangc accaaaactg gggcttttan n                          761
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<210> 3317  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

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<400> 3317
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cttggtctat gaggtggagc gcctggacaa tggcacctgg gtcctgatgg accagcacat      180
gggctttcta tgcaacgagg ctaagaatct tctctgtggc ttttacggcc gccatgcgga      240
gctgcgcttc ttggacctgg ttccttcttt gcagttggac ccggcccaga tctacagggt      300
cacttggttc atnttctgga gcccctgctt ctcctggggc tgtgcccggg aaagtgcgtg      360
cnttccttca ggagaacaca cacgtgagac tgcgcatctt cgctgcccgc atctatgatt      420
atgacccctt atataangag gcgctgcaaa tgctgnngga tgctggggcc caagtttcca      480
tcatgacctc cgatgagttt gagtactgct gggacacctt tgtgtaccga cagggatgtc      540
cttnacacnt gggatggact aaaggagcac agccaanccc tgagtgggag gctgcnggcc      600
attctccaga atcanggaag ctgaaggatg gcctcantct ctanggaggc ngagacctgg      660
gttggeanca naataaaaga tttttttcaa gaaatgcaaa cagaccgtca ccacn          716
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<210> 3318  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

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<400> 3318
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gcgtgggttg gttcctttca aatgcacttg agcagcggtc tccaaccaca gggccacaga      120
gctggaggtg agcagcaggc gagtgaaggg aaacttcata tgtatttcta gcccctccca      180
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tcgcttgcat	gaccacctga	g	atgtc	ctgtcagatc	agcagcagca	t	ttctc	240
acaggagcac	aaactctgtt	g	agtggtg	catgcgaggg	atctagggtg	tg	ctcctt	300
atgagaatct	aatgcctgat	attctgttac	tgtctcccat	cacccagat	ggacagtcta			360
gttgccaggaa	aacaagctca	gagatcccac	tgagtctacg	ttatagttag	ttgtagaatc			420
atttcattat	atattactat	gtagtaataa	tagaaataaa	gtgcacaata	tatgtaatgc			480
acttgaatca	tcctgaaatt	attccctcat	tcccagttctg	tggaaaaatt	gtcttccaca			540
cattcactct	gttttttggg	agaggcaggg	tcttaataata	ttgccagtc	tgatctcaaa			600
ctcctggcct	caagtaatat	acctctctta	gcctnccaaa	agtgtctgaga	ttacaggcat			660
aagccccccc	ctcaaccaag	actttnttna	accaaataaa	aattaagtga	gattactttg			720
gcccag								726

<210> 3319

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 3319

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gctcggggcc	atggagacac	tgccggccagt	acggcgggcg	ctctgtctga	agaaggggaa	120
gtgacctccg	gcctccaggc	tctggccgtg	gaggataccg	gagccctct	gcctcggccg	180
gtaaggccga	ggacgagggg	gaaggaggcc	gagaggagac	cgagcgtgag	gggtccgggg	240
gcgaggaggc	gcagggagaa	gtccccagcg	ctgggggaga	agagcctgcc	gaggaggact	300
ccgaggactg	gtgcgtgccc	tgcagcgacg	aggaggtgga	gctgcctgcg	gatgggcagc	360
cctggatgcc	cccgccctcc	gaaatccagc	ggctctatga	actgctggct	tgcccacggt	420
actctggagc	tgcaagcccg	agatccttgc	cccgcgccgg	cttccacgcc	ggaggcccan	480
aaccgaaaag	gaaaagatcc	cgatgaagga	gcccggaggc	ccaaaanaa	aaggaaagag	540
ggaaaaaacc	cacacattgc	cccacnggaa	tttggaattt	ttgattgaat	gagcccaant	600
ggaccaccca	aanggacttn	cccttgattg	gaaacccggg	gaaccccanc	ccccaggga	660
aagcnnntnaa	ncccccgggg	agccccagaa	aaaccnnggn	angggcccc	ccccttgggn	720
acnaaagggg	ggcctttttc	cgggnccctt	tgaaaggagg	gacccccan	nnaaagncnt	780
tggganguga	aaccaaataa	tccccttttn	gtaanccccg	gggaangggg	nancccttnt	840
t						841

<210> 3320

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3320

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gattcgcaga	aattcaaata	attcttttct	gcttcaatgc	cagcagaagg	tccccaggt	120
agacatggag	aagcactttg	ttttaaatag	gagggtttca	tagttgcac	tgaagccacc	180
tggttctgtt	aaactgtatc	gtgcaggttt	tgggtttggc	attattcatg	tttctgatca	240
attctatgca	actctcatag	ttcctgttac	tttttagcat	tagctgcaa	atgacttcaa	300
aaggctgggg	tgggtgactt	gactgtgaga	ctggattata	acatggacaa	atcttatttt	360
gcttaatgtg	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtatgta	420
tatatatata	tataaatatc	tttcccaata	tgccccgttg	acagtgttta	aattccanac	480

taggactgct gatctgcaca aattat gtggntattc gagcacttaa tctcaa	540
ggntcattgg gctctgctct tctctgcc attacnggag ctgtggacag agcncctcc	600
ttcaanantc tagtggtttt gcncaacagg ntgnccaatg anaaaactga nttgcgtgnc	660
tgtaaagtgt gncagggng cacatctnnn agggntcnat nctccggcct gtcctccaaa	720
agggctgggc cttgggccn n	741

<210> 3321  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 3321	
ggnnnnntttt nnnnntactg anancctttt gctacttggt ctttttgcag gatcccatcg	60
attcgaattc ggcacgagag gcgatatccc tgagctgaga gcatnaccct gtccccgaat	120
ccttcttttcc tctctgtttt gtttttcatt cccctccctc tctccctcc cctccagtc	180
cacgacgact gggctgttga cctgtttcag gcctcgggtga aggccttttg ttactccct	240
tcccacccca tcccttaatt ttattctttt gaagagtga tttcaagctg ccaaggtgga	300
gagagggatt acagaaagga gaacacctta tttcagaaaa ggtgtaccat acctgagagc	360
accaggaagt cgcagagag atcacctgat acatgaacgt atgatgttcc atctgcgcag	420
tgatgaatag gcagcattta caaattaact gatgtgttgc tgnatatcat ctctttgatg	480
attgctcctc ttctttgtat cctgncttat aatttcaaca catttgcgat actcaatgtc	540
tattctaaat taacatggt ttgtaccaca aactcattgc ccatggatct gttgctgaaa	600
caaggaagtc ttaaacaaga agtggaatct ttctgttatc agattgggtc tgaatcaaat	660
gatcagaagg gtgggaatat tacaaantga agaataacag ntgcaacctt cagtttctna	720
aaaataanaa gngagctttt cagggcaaat t	751

<210> 3322  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 3322	
nctaagtctg ggcnccttggt cttttngcag gatcccatcg attcgaattc ggcacgaggt	60
ctagtataat cttgatgctc aaaccagata aggacaatac aagaaaggaa gagtataggc	120
taattctacc caataactaa atgaagtatt agcaaaccag attcatcaat aatcttttaa	180
aaatcaagaa ttaattggat ttaggaatat aacactgtgt ataacaagtt taagagaaat	240
atatgagaat gataagactg caattgaaag tagaggcttt ctctggaggg aaaggtgagg	300
aggatgtgat ttggaagaac agcatgggga ggcacagtt gtattgtaat gtttattttt	360
taagctgaat gataggtacg tagatgttca ttgtgttctt tttgcctttt tgtatatctt	420
aaatatatgg tagtgccatg attagcaggc ttaatagcct tgtgagttta aatgtcactt	480
tcaaatgctg tatttttggg ggagttgctt aaacacattc cccttggaat ctatacaacc	540
agttaaaaaa atcatgtata aaccaccatg aaatataatg aaatgtactg tatatgcatt	600
ttcatgaatg ttgtgtcaaa gggcttgtag gaaaaaaga tcgttaactc ttttgcatte	660
agtgaataa ggtggctttg gaaatagttt cagccttgct aacac	705

<210> 3323  
 <211> 761

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(761)  
<223> n = A,T,C or G

<400> 3323  
gnnnnntttnn nnnnnntttnt aaananacag gctacttggt ctttttgcag gatcccatcg 60  
attcgaattc ggcacgagggc cacacggggc gcatcatccc tgcaatctgg ttccgctacg 120  
acctcagccc catcacggtc aagtacacag agagacggca gcccgttgt acagattcat 180  
caccacgata tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat 240  
gcatcttcac agcctctgag gcttgaaga agatccagct gggcaagatg cattgacgcc 300  
acaccagacc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc 360  
tcctttggcc ctcaatctgg tcccaaactc ggctgtgtcc caaaggggtg gtgggaagtg 420  
gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480  
tagacaaatt aactgacctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540  
gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntctaggag agctgcagtc 600  
tcttncccta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660  
aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720  
agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3324  
<211> 712  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(712)  
<223> n = A,T,C or G

<400> 3324  
gtntaatng ngngctcncg gcnngtccgc aacagcccng cggntcgaat tcggcacgag 60  
gcctttttgtg ggggtctcata cataactcag tttccacaaa gctgtgcccc agctcagccc 120  
tatggataga agcatgggtc ggggttcctt tgctgaccag ggtgtgtgct ttgtccaagt 180  
tactgacctt cccaaacctc atcaatgcac ataaaaagag cacttgcaaa caatgaatct 240  
agacatggac cttcacaaaag aaataactca aatggatcc caggcctaaa tgaaaaatga 300  
aaaactataa aactcctaga agataacata aaagaagatc tagatgacct agggtttggc 360  
aatgactttt tagatccagc accaaaggca ggatccagga aagaaataat tgataagctg 420  
gacttcatta aaacgaaaaa ttctgctctg tgaaagatgc tgccaaaaaa tgaaaagaca 480  
agccacagac tgggagaaaa tatttttgat ggaaatatct gagaagagag gcttgttatc 540  
caaaatatac aaagaatttc taaaactcaa taatttgaaa ataaacaacc caatttaaaa 600  
agtgggccaa agatcttaaa tgacgcctca ccaaagaaga tacacagatg gcaaataagc 660  
atatgaaaag atgctcccgg ctgggcacgg tggctcacgc ccgtaatccc gc 712

<210> 3325  
<211> 1249  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1249)  
<223> n = A,T,C or G

```

<400> 3325
angctactttt gttcttttttg caggnntttt ttnnnnatac agctcttggtt ctcttgcag      60
gatcccatcg attcgaattc ggcacgagaa aacacacaca cacacaacac aatgttttca      120
cgctgtāaa cctagcacat tgggaagcca aggtggggag ggattgcttt gaggccaggg      180
aagttcaagg gctgcaagtg gagcttatga attggcncac ctggtacctc ttagccctgg      240
gggaggaaca agaagtggag gaacacctgg tcttcttnaa aaaaaaaaaa aaaaaaaagg      300
tttttttttg gaaacccctt ttaaaaaaat taaccttttt tggttttttg ggaaaatttt      360
tcctttaaaa ttccaattcc aantttttcca aaaaaaaagg naaggcccaa ggtttaaaaa      420
aaaaaaaaat nggggggttt aaaccttttn gggtttttnc ttttnggggt aacccaaaag      480
ggccctttan cctttaaaaa tttttaaggg aaacctttta ttttaagggt aaggggggaa      540
attaantttt tttttnaaaa aaaggnaagg cccttgggna aaantttcaa cccttttttt      600
ttnggggggt aanttttttt tnggggggtt anttaaaaaa aattaatttt tttttnccaa      660
tttttttggt ttttaaatng gttccccccc caaggntaaa ttaaattttc ccttttaaac      720
cttgggggna aaaaaaaatt ttccnttttg ggtttttttt gggaaattcc ttgggcccc      780
ttggnaaaag naaaaaaaaa ttaanttcct tgggggtttt tnccttaan ttanttaaaa      840
aaaaaaaaaa aatttttttt tttttaaaaa aaaattaaaa atttnggtta aaaaagggtt      900
ttaagggaat tttttaaaaa aaaatttttg ttaaaaaaaaa attatttaaa aaaaattcca      960
accaaaaagg gggaaaattg gttanccctt ttaaatggga aaatgggtt ggggttgga      1020
cccanttttt ttaattggaa aaaatttaat tggtngggga tttccaatta tttacctgg      1080
tttanccaaa ggaataagga aaatttgga atgggccaaa aaaggacca aaaacctca      1140
attaaaaatt tgagggaaaa cgtggttatt atgtaattga aataaaaaa ttttataatt      1200
gtaaaaaaaa aaaaaaaaaa actcgagcct ttaaactata ggggtcgtt      1249

```

```

<210> 3326
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

```

```

<400> 3326
ttaaanannt ngctcttggt ctttttgcag gacctttcna aanacagctc ttgttntttt      60
gcggatccct cgattcggtt ctatacaatt tttccttctg atccagagac acggaaaaac      120
aaagggcaag atggaaataa gggatgagaa ggtctatgtg gaaaaacagt tacaactggg      180
agtgggtaac tgcaaaacca agcagcttca tgtgatcggt aggacagaag aaatttctcc      240
tttgtagcct agagcaatat tctcaaaatt taatgcgcat gttaatcatt tggggatctt      300
ttattcattt tttcatgtgg ggatctttta aaaatgcaaa ttctgatttg gtaagtctgg      360
agtaggtcct gagcttctgc atgcttcaaa agctgattat gttttgagaa catggatcta      420
gatgctggta ttgaggtggg agacaagtac tgccacctga aacaacagtc ttggtaaatt      480
tagcccgacg agggtaaaca catcctaaca gggaaggtaa actgtcgtcc atcagtacca      540
ctagagggca tcaactgggtt atagttcaat acagtgaata tatcagaata atggccttta      600
gttttcctga aagattaaat taggcttgct aacttggtta atgagataat caaacatatg      660
atgtaatttt aaagggttta cattttttaa aattaatagg gtatcagtta ctaattttac      720
ttaaatggna ctctgtaagc ttaataggta tgcttaata      760

```

```

<210> 3327
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

```

```

<400> 3327
ttaaanannt ngctcttggt cttgtgcag gacctttcna aanacagctc ttgtntttt 60
gcggatccct cgattcgttt ctatacaatt tttccttctg atccagagac acggaaaaac 120
aaagggcaag atggaaataa gggatgagaa ggtctatgtg gaaaaacagt tacaactggg 180
agtgggtaac tgcaaaacca agcagcttca tgtgatcggt aggacagaag aaattttctcc 240
tttgtagcct agagcaatat tctcaaaatt taatgcgcat gttaatcatt tggggatctt 300
ttattcattt tttcatgtgg ggatctttta aaaatgcaaa ttctgatttg gtaagtctgg 360
agtaggtcct gagcttctgc atgcttcaaa agctgattat gttttgagaa catggatcta 420
gatgctggta ttgaggtggg agacaagtac tgccacctga aacaacagtc ttggtaaatt 480
tagcccgacg agggtaaaca catcctaaca gggaaggtaa actgtcgtcc atcagtacca 540
ctagagggca tcaactggtt atagttcaat acagtgaata tatcagaata atggccttta 600
gttttctctga aagattaaat taggcttgct aacttgttta atgagataat caaacatatg 660
atgtaatttt aaagggttta catttttaaa aattaatagg gtatcagtta ctaattttac 720
ttaaatggna ctctgtaagc ttaataggta tgcttaata 760

```

```

<210> 3328
<211> 752
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

```

```

<400> 3328
agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc 60
ccatcgattc gtttctatac aatttttctt tctgatccag agacacggaa aaacaaaggg 120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt 180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcttttgta 240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttatte 300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg 360
tcttgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct 420
ggatttgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtt aatttagccc 480
gacgagggta aacacatcct aacaggggaag gtaaactgta cgtccatcag taccactaga 540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt 600
cctgaaagat taaattaggt ttgctaactt gtttaatgag ataataaac atatgatgta 660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan 720
atggactctg taagcttata ggttgcttaa an 752

```

```

<210> 3329
<211> 752
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 3329
agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc 60
ccatcgattc gtttctatac aatttttctt tctgatccag agacacggaa aaacaaaggg 120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt 180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcttttgta 240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttatte 300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg 360

```

tcttgagctt	ctgcatgctt	ctgctga	ttatgttttg	agaacatgga	tatgatgct	420
ggtattgagg	tgggagacaa	gtgcccac	ctgaaacaac	agtcttggtg	aaatagccc	480
gacgagggta	aacacatcct	aacagggaag	gtaaactgta	cgtccatcag	taccactaga	540
gggcatcact	ggtttatagt	tcaatacagt	gaatatatca	gaataatggc	ctttagtttt	600
cctgaaagat	taaattaggc	ttgctaactt	gtttaatgag	ataatcaaac	atatgatgta	660
attttaaagg	gtttacattt	ttaaaaattt	aatagggtat	cagttactaa	ttttacttan	720
atggactctg	taagcttata	ggttgcttaa	an			752

<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3330

ttggnnnnnn	nnnnnttttt	annntncagc	tnnngnnnagc	tcttgttctt	tttgccaggat	60
cccatcgatt	cgaattcggc	acgagggttg	cgggagatgt	ctttttatct	ttgtgctgta	120
aaattctctt	acagcaaaaa	taggcttttag	aaaggctctt	tactgtcttc	agcaaccatc	180
tcatcttcca	gcttcacctg	attgtccagt	tatcatacat	ttgactttca	aatgtatgaa	240
ccagcatgta	ccccatggat	ttaatcttat	ctaccccggtg	gattcaatct	tcttatcaga	300
aggttctttt	atgtcaaaaa	acctgctgtc	aaggcttgaa	gagccggcac	actcaatggc	360
aaacacagca	cccaggtctg	ctctgaatcc	tggaggatct	ggccctcctc	tcaaccccca	420
ctcacagtca	ccgtcttaca	actcaggggc	acctgggagc	agtcacatcag	cagggtgcgt	480
aagccttgaa	taccaggtag	cctcaggagt	gaaaagataa	atgtcctaga	tcattacctt	540
attcagtgtc	cccaccttgc	agcgcattcc	aaccacctgg	gagcatttaa	aactccagat	600
gcccacacca	caccctgggg	cccccatcag	accttntgga	agcaagacct	gggcctncat	660
ggncccnaaa	actcctaggg	gatccgatgt	gcagccnaat	cttgaaangg	cccattttaa	720
aaanaaagaa	catgggtggt	acattgggga	gtnttta			757

<210> 3331

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3331

gnnntttnnn	nnnnntttnt	nnaatacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgtctcc	ttgcctttct	cctgaaagg	atgagactac	ttgccttact	gtcatattat	120
tgagggggat	cagccgcaaa	gcctgnggaa	aatgaacagt	agctgtgggg	tcaaagccat	180
gtctccagg	tcacgggctc	actccccca	ggacaagcct	agttaggtag	tgggctgcat	240
ctgggtatcc	ctgggacaga	aatgcagggt	agaaggggta	tcaagaatgc	ctcagagcctc	300
tagaactata	gtgagtcgta	ttacgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttgtgaaat	ttgtgatgct	420
attgctttat	ttgtaaccat	tataagctgc	aataaacaag	ttaacaacaa	caattgcatt	480
cattttatgt	ttcagggttc	gggggagggt	tgggagggtt	tttaattcgc	ggccgcggcg	540
ccaatgcatt	gggcccggta	cccagctttt	gttcccttta	gtgagggtta	attgcgcctt	600
tggcgtaatc	atggtcatag	ctgtttcctg	tgtgaaattg	ttatccgctc	acaattccac	660
acaacatacc	agccgggagc	ataaagtgtg	aagcctgggg	tgccaatga	gtgagctact	720
cacattaatt	gcgttgccctc	actgcccttt	ccaan			755

<210> 3332  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

```
<400> 3332
caatgctggg tctngttctt tttgcaggat cccatcgatt cgaattcggc acgagggatg      60
acccatgcc aaaaatactat gagctcttac tagtcaaccc tatttggttg gtcccaccaa      120
caaaggcact tgcagttaca ttcaccacat ttgtaacgga gccattgaag catattggaa      180
aaggaactgg ggaattttatt aaagcactca tgaaggaaat tccagcgctg cttcatcttc      240
cagtgtgat aattatggca ttagccatcc tgagtttctg ctatggtgct ggaaaatcag      300
ttcatgtgct gagacatata ggcggtcctg agagcgaacc tccccaggca cttcgggcac      360
gggatagaag acggcaggag gaaatcgatt atagacctga tggtaggagca ggtgatgccg      420
atttccatta taggggccaa atggggccca ctgagcaagg cccttatgcc aaaacgtatg      480
agggtagaag agagattttg agagagagag atgttgactt gagatttcag actggcaaca      540
agagccctga agtgctccgg gcatttgatg taccagacgc agaggcacac cgaaagaaaag      600
cagtactgaa agcagccagt cggccaagcc tgtctctggc caagacacat caggggaatac      660
agaaggttca cccgcagcgg aaaaggccca gctcaagtct gaagc                          705
```

<210> 3333  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

```
<400> 3333
tgctgggcta aatgctggnn atcgntcttt ccgcantaga acnnnctgatt cgaattcggc      60
acgaggctac ctggggcggc acgggctgga cgtggacgtg cccacgcgtc tggagggctg      120
gttcttctgc acgcccgcgc gcaagctgct ctggctggtg ctgcagccct tcttctactc      180
actacggccg ctctgcgtcc accccaaggc cgtgaccgcg atggaggtgc tcaacacgct      240
ggtgcagctg gcgcccgacc tggccatctt tgccctttgg gggctcaagc ccgtggtcta      300
cctgctggcc agctccttcc tgggcctggg cctgcacccc atctcgggcc acttcgtggc      360
cgagcactac atgttcctca agggccacga gacctactcc tactatgggc ctctcaactg      420
gatcaccttc aatgtgggct accacgtgga gcaccacgac ttccccagca tccggggcta      480
caacctgccg ctggtgcgga agatcgcgcc cgagtactac gaccacctgc cgcagcacca      540
ctcctgggtg aaggtgctct gggattttgt gtttgaggac tccctggggc cctatgccag      600
ggtgaagcgg gtgtacaggc tggcaaaaga tggctctgtg gcccaggctg cctcctggtg      660
tgggccattg tccccatcg gccctcacc ttgcaccca ncn                          703
```

<210> 3334  
 <211> 696  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G



```

<400> 3334
tgctgggctc tngttctttt ngggganc ccatcgattcg aattcggcac gagaggacc      60
tgcagcttca gcatcacttg agaagttgtt aggaatgcat actagtgggc cccgccccca      120
gacatagtga atcagaaacc aacagggagg cgcctagcat tgttttttta acaagtgctg      180
ggttattctg atgcacagtc tagtttaaga accactactt tgggtaaacg ttttgactgt      240
ttaaagttta tggcggtgaa gtgggcatct tcaaagacta gtacttacac agtttagaag      300
atttcaaggt actgctgaca gtagtttatt atgtcagtat acatacgtgt agagatcata      360
atntagttcc cttcttaatg ttacaatttc ttagtttact tttcctaaag ggccatagca      420
taattcttga ttcttgggtg aaatcttttc tgaggtgtgg ggggtgggcaa ggtgtggatt      480
gctgtttacg atagtgcctt cattagtttt agttctgtct gttttcattc attattgact      540
caaaggtatt agaacaggcc cttatctttt tcctattaga tttatttttg ttttttactt      600
tatgtaagtt cagaatcctt ttttaagtga tgactactga tgaaataatg ttactagtag      660
ctgaatttta gacttgatgc tatgttgatt aatatn                                696

```

<210> 3335

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

```

<400> 3335
gtncctaann ngngtgnggg cangetcnta tctctnaana gaattgggct ttgtcgaatt      60
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atccatctgt ncnacggacn ngcgcggnnt gaccgagcat gaggctgect gaangangac      180
caggggctnt ttgtncacan gngtccaggn cannaccgct gnntnccttg tgggtngtgng      240
ctatggngnc cagntnttgc acattgacan acttnactgc actgggtggg agctcgaca      300
ttngcccatt tgtggtagaa tcaaggcatc acccgataag attgncgtgg tggaaacgtc      360
acagtcggac canttngact gtcaccatgc canntgacag catnnatact ttctngcttn      420
tagatcacta cggggaagat actctctatn gtcaanggga nntatncttc cgaaactgcc      480
tcctnancnn ccnctanncn tntgacngat accgtcanaa nnatatctgn ctgaaggncn      540
natatatcnt ngcatatncn nganncgat ggnancgntn tancctnac cntnatcccn      600
agtgcganct tactatcnca tnntnnaann agtttgntt cncctctggn anancacacc      660
catggacnac tgcatecnca gatgccttna ttcactgnta nccttggcct gcactnnngn      720
gctttccctc cttanc                                736

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<210> 3336

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

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<400> 3336
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gtatttttag gttatgcaac taataaaaac taccttacat taattaatta cagttttcta      180
cacatggtaa tacaggatat gctactgatt taggaagttt ttaagttcat ggtattctct      240
tgattccaac aaagtttgat tttctcttgt attacatttt ttatttttca aattggatga      300
taatttcttg gaaacatttt ttatgtttta gtaaacagta tttttttgtt gtttcaaact      360
gaagtttact gagagatcca tcaaattgaa caatctgttg taatttaaaa ttttggccac      420

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ttttttcaga	ttttacatca	tgtgctga	acttcaactt	gaaattgttt	ttttct	480
ttttggatgt	gaaggtgaac	atctgatt	tttgtctgat	gtgaaaaagc	ctgggtattt	540
tacattttga	aaattcaaag	aagcttaata	taaaagtttg	cattctactc	aggaaaaagc	600
atcttcttgt	atatgtctta	aatgtatttt	tgtcttcata	tacagaaagt	tcttaattga	660
ttttacagtc	tgtaatgctt	gatgttttaa	aataataaca	ttttng		706

<210> 3337  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 3337						
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cttgaaggt	gtgcatgtgg	aacatcattc	tcaccaccag	tctcttctct	gtgcctttct	180
tcctgacgtg	gagtgtggtg	aactcagtgc	attgggccaa	tggttcgaca	caggctctgc	240
cagccacaac	catcctgctg	cttctgacgg	tttggctgct	gggtggcttt	cccctcactg	300
tcattggagg	catctttggg	aagaacaacg	ccagccctt	tgatgcaccc	tgtcgcacca	360
agaacatcgc	ccgggagatt	ccaccccagc	cctggtacaa	gtctactgtc	atccacatga	420
ctgttggagg	cttctgct	ttcagtgcga	tctctgtgga	gctgtactac	atctttgcca	480
cagtatgggg	tccggagcag	tacactttgt	acggcaccct	cttctttgtc	ttcgccatcc	540
tgctgagtgt	gggggcttgc	atctccattg	cactcaccta	cttcagttg	tctggggagg	600
attaccgctg	gtggtggcga	tctgtgctga	gtgttggctc	caccggcctc	ttcatcttcc	660
tctactcagt	tttctattat	gcccggcgct	ccaacatgtc	tgg		703

<210> 3338  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 3338						
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tttgtgtttaa	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnngnangn	240
tnangccatt	agcntgggtg	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccattttng	aactntttag	tantgangga	gtcntgggtg	tcaanatgga	tntacanatg	360
cctanttacc	cgmnctgnc	taacnagant	ntgcccaacc	ttcatgtcat	gaaggnnmtn	420
nantctttta	ttccanngt	tnctnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnagggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnncnngana	540
tngtgcctnt	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncncctaaac	600
gnntgcannt	tntnancntc	cctnntnang	aattttctaa	atangnnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnattn	nnttnnnntt	cnctnttngn	tntcncnct	720
anttcaancn	netcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3339  
 <211> 706

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(706)  
<223> n = A,T,C or G

<400> 3339  
nctaattgctg ggctatcggt ctttccgcag nancccntcg attcgagtgg ctgagtggag 60  
gcgcccagac ctgggcaggc agcaggctca ggcccacacc ttgtgatttt tgaaacccaaa 120  
gccagaaga tgatgtttac ttctctctcc ctggctctgc ccttcttact gcaaaccatg 180  
ctgtgcctta gggcccttct catagctgtt cctcatggcc atgactggaa cagggatgca 240  
acctctttct acacaagcac agttagttgg gtgaagtctt tnttttgttt gtttttagacg 300  
gagtttctact cttgttgccc aggctggagt gaagtggcgt gaccttggt cactgcaacc 360  
tccaggccag cctcagcctc cctagtagct gggactacag gcacccacta ccacgcctgg 420  
ctaattcttt gtatttttag tagagatggg gtttgaccgt gttagccagg atggtctcga 480  
tctcctgacc tcgtgatcca cccacctcgg cctcccaaag tgctgggatt ataggtgtga 540  
gccaccgcgc cgggccgggt gctggcatct taatgttctg taggtggaat atttccaata 600  
aacacaaggt gccgtaattg aaaaaaana aaaaaaaac ttcgagcctc tagaactata 660  
gtgagtcgta ttacgtagat ccagacatga taagatacat tgatga 706

<210> 3340  
<211> 706  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(706)  
<223> n = A,T,C or G

<400> 3340  
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acatcagaag atcattgagg aggccccagc gcctgggtatt aaatctgaag taagaaaaaa 120  
gctgggagaa gctgcagtca gagctgctaa agctgtaaat tatgttggag cagggactgt 180  
ggagtttatt atggactcaa aacataatth ctgtttcatg gagatgaata caaggctgca 240  
agtggaacat cctgttactg agatgatcac aggaactgac ttggtggagt ggcagcttag 300  
aattgcagca ggagagaaga ttcctttgag ccaggaagaa ataactctgc agggccatgc 360  
cttcgaagct agaatatatg cagaagatcc tagcaataac ttcatgcctg tggcaggccc 420  
attagtgcac ctctctactc ctcgagcaga cccttcacc aggattgaaa ctggagtacg 480  
gcaaggagac gaagtttccg tgcattatga ccccatgatt gcgaagctgg tcgtgtgggc 540  
agcagatcgc caggcggcat tgacaaaact gaggtacagc cttcgtcagt acaatattgt 600  
tggactgccc accaacattg acttcttact caacctgtct ggccaccag agtttgaagc 660  
tgggaacgtg cacactgatt tcatccctca acaccacaaa cagttg 706

<210> 3341  
<211> 709  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(709)  
<223> n = A,T,C or G

<400> 3341

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ggtacgagag	tctgttgaac	aaaggctga	tagtttcaaa	gcaacacgtt	ttaccttga	120
aactgaatgg	aagaataact	atcctcgct	gcgggaactt	gaccggaatg	aactatttga	180
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccagggtta	caccaaaca	240
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	300
catctacctt	ccagctgctg	agaccatgaa	ttcagggaact	tttaacacca	cagtggatat	360
caagcttaaa	cagtggactg	ataaacaact	tcctaataaa	gcagtagagg	ttgcttggga	420
gacctacaa	gaagaatttt	cccgttttat	gacagaaccg	aaagggaaag	agcatgatga	480
catatttgat	aaacttaaag	aggccgttaa	ggaagaaagt	attaaacgac	acaagtggaa	540
tgactttgctg	gaggacagct	tgagggttat	tcaacacaat	gctttggaag	accgatccat	600
atctgataaa	cagcaatggg	atgcagctat	ttattttatg	gaagaggctc	tgcaggctcg	660
tctcaaggat	actgaaaatg	caattgaaaa	catggtgggt	ccagactgc		709

<210> 3342

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3342

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agaacttcac	agcagcctgt	cctcatcagc	aacccaacca	ccttcacag	caacccaacc	120
accttcacat	gcaacccaac	cacctcgta	gcaacccaac	cacctcgta	gcaacccagc	180
caccttcac	agcaaccca	ccacctcatc	agcaacccag	ccacctcat	cagcaaccca	240
accacctcat	cagcaaacca	accactttca	tctgcaaccc	aaccactttc	atcagcaact	300
caacaccttc	atctgcaacc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	360
cccaaccacc	tcatcttgga	gaaggagaag	gaactgcaag	ccaccaagtc	ttcatttttc	420
agggtttgta	atcttcccaa	agttttcctt	tgaaaatagg	ataatgggtg	gaattttcag	480
agtgattaca	tacctcaaca	tttttattaa	catacaacaa	tggaaggtt	catcatccat	540
atactgcagt	cacttaaaca	acagccaatt	attgcaagat	tagaattgga	gatcttgtcc	600
tcaaaagtat	aaatngtcct	ttgagttata	gaaaataatg	gaattgggat	ttctacatat	660
cattattata	cctattttta	atttaatggg	cagccaggca	tggttccagc	tacnt	715

<210> 3343

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (708)

<223> n = A,T,C or G

<400> 3343

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gcctccttcc	acacgagtgc	ccctttggcc	aaagaagatt	attatcagat	attaggagtg	120
cctcgaaatg	ccagccagaa	agagatcaag	aaagcctatt	atcagctgct	ctgctcagtt	180
agtttttatt	cccggggtac	caagcagctg	cacagtcggt	gcctgggagg	cacgtagagg	240
cccctggctc	aggcagaggg	agatggttag	actcttgca	ggctaaaact	ctaatttgga	300
attgaatatt	gtggatatct	tagttaaagg	ccatgcttac	agcttagaaa	tgaagcctta	360
agctgcatca	tcatatcgcc	ctgtgtggtc	tgcaggggag	caggacaagc	caagcagaaa	420
aagcgagtga	tgatccctgt	gcctgcagga	gtcgaggatg	gccagaccgt	gaggatgcct	480
gtgggaaaaa	gggaaatttt	cattacgttc	aggggtgcaga	aaagccctgt	gttccggagg	540

gacggcgag	acatccactc	ctcttt	atttctatag	ctcaggtctt	tgggga	600
acagccagag	cccagggcct	gtgagacg	atcaacgtga	cgatcccccc	tggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 3344							
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aggagacagc	agcccccagg	gaatgaagct	gatgccagag	tcagaccoga	ggaggaagag		120
gagccactga	tggagatgcg	gtccgggat	gcgcctcagc	acttctatgc	agcactgctg		180
cagctgggcc	tcaagtacct	ctttatcctt	ggtattcaga	ttctggcctg	tgccttggca		240
gcctccatcc	ttcgcaggca	tctcatggtc	tggaaagtgt	ttgcccctaa	gttcatat		300
gaggtgtgg	gcttcattgt	gagcagcgtg	ggacttctcc	tgggcatagc	tttgggtgatg		360
agagtggatg	gtgctgtgag	ctcctggttc	aggcagctat	ttctggccca	gcagaggtag		420
cctagtctgt	gattactggc	acttggctac	agagagtgt	ggagaacagt	gtagcctggc		480
ctgtacaggt	actggatgat	ctgcaagaca	ggctcagcca	tactcttact	atcatgcagc		540
caggggccgc	tgacatctag	gacttcatta	ttctataatt	caggaccaca	gtggagtatg		600
atccctaact	cctgatttgg	atgcatctga	gggacaaggg	gggcggtctc	cgaagtggaa		660
taaaataggc	cgggcgtggt	gactttgcac	ctataatccc	agcactttgg	gan		713

<210> 3345  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<400> 3345							
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acattgagtg	atgtaatcca	ccctgggggc	aatagccata	ttgccaatgg	tgcgccggg		120
tgtgtggcaa	cattacttca	tgatgcagcc	atgaaccctg	cggaagtgg	caagcagagg		180
atgcagatgt	acaactcacc	ataccaccgg	gtgacagact	gtgtacgggc	agtgtggcaa		240
aatgaagggg	ccggggcctt	ttaccgcagc	tacaccaccc	agctgaccat	gaacgttcct		300
ttccaagcca	ttcacttcat	gacctatgaa	ttcctgcagg	agcacttta	ccccagaga		360
cgg	tacaacc	caagctccca	cgtcctctct	ggagcttgcg	caggagctgt	agctgccgca	420
gccacaaccc	cactggacgt	ttgcaaaaca	ctgctcaaca	cccaggagtc	cttggctttg		480
aactcacaca	ttacaggaca	tatcacaggc	atggctagt	ccttcaggac	ggtatatcaa		540
gtaggtgggg	tgaccgccta	tttccgagg	gtgcaggcca	gagtaattta	ccagatcccc		600
tccacagcca	tcgcatggtc	tgtgtatgag	ttcttcaa	acctaatac	taaaaggcaa		660
gaagagtgg	gggctggcaa	gtgaagtagc	actgaacgaa	gccaggggtt			710

<210> 3346  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

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<400> 3346
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gcctttttgtg ggggtctcata cataactcag tttccacaaa gctgtgcccc agctcagccc      120
tatggataga agcatgggtct ggggttcctt tgctgaccag ggtgtgtgct ttgtccaagt      180
tactgacctt cccaaacctc atcaatgcac ataaaaagag cacttgcaaa caatgaatct      240
agacatggac cttcacaaaag aaataactca aaatggatcc caggcctaaa tgaaaaatga      300
aaaactataa aactcctaga agataacata aaagaagatc tagatgacct aggggtttggc      360
aatgactttt tagatccagc accaaaaggca ggatccagga aagaaataat tgataagctg      420
gacttcatta aaacgaaaac ttctgtctctg tgaaagatgc tgccaaaaaa tgaaaagaca      480
agccacagac tgggagaaaa tattttttgat ggaaatatct gagaagagag gcttgttatc      540
caaaatatac aaagaatttc taaaactcaa taatttgaaa ataaacaacc caatttaaaa      600
agtgggccaa agatcttaaa tgacgcctca ccaaagaaga tacacagatg gcaaataagc      660
atatgaaaag atgctcccgg ctggggcacgg tggtcacgc ccgtaatccc gc              712

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<210> 3347

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

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<400> 3347
nctaattgctg ggcnccttggt cttttngcag gatcccatcg attcgaattc ggcacgaggt      60
ctagtataat cttgatgctc aaaccagata aggacaatac aagaaaggaa gagtataggc      120
taattctacc caataactaa atgaagtatt agcaaaccag attcatcaat aatcttttaa      180
aaatcaagaa ttaattggat ttaggaatat aacactgtgt ataacaagtt taagagaaat      240
atatgagaat gataagactg caattgaaag tagaggcttt ctctggaggg aaagggtagg      300
aggatgtgat ttggaagaac agcatgggga ggcacagtt gtattgtaat gtttattttt      360
taagctgaat gataggtagc tagatgttca ttgtgttctt tttgcctttt tgtatatctt      420
aaatatatgg tagtgccatg attagcagggc ttaatagcct tgtgagttta aatgtcactt      480
tcaaatgctg tattttttggg ggagtttgctt aaacacattc cccttggaat ctatacaacc      540
agttaaaaaa atcatgtata aaccaccatg aaatataatg aaatgtactg tatatgcatt      600
ttcatgaatg ttgtgtcaaa gggctttagg gaaaaaaga tcgttaactc ttttgcattc      660
agtgaaaata ggtggctttg gaaatagttt cagccttgct aacac              705

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<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

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<400> 3348
ctaattgctgg cngcttggtc tttttgcagg atcccatcga ttcggaatga gagctgctat      60
ttgtgtttta aaagaccata cagggccagc cacagtggct cacacctgta atcccagcac      120
tttgggaggt cnatgtgttt ncacmctnt tnntnagnan nantntgtca tggaggctta      180
ntttgtggng tntgatgnca tactgntagg ccaacatgtg tccnaggnan agnggnangn      240
tnangccatt agcntgggtg aaacttgccg gatgttgatg ctctantaag anccgnatgt      300
gccatttntg aactntttag tantgangga gtcntgggtg tcaanatgga tntacanatg      360
cctanttacc cgnmctngnc taacnagant ntgcccaacc ttcatgtcat gaaggnnntn      420
nantctttta ttccanngt tncctnaaac gaacantttg cctgnacaca ttttctactg      480

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gnaccttactn	aatnagggtta	t	gnatnt	tcntgattac	ttttcttctg	angana	540
tngtgcctnt	caccctactc	c	atccnt	ccattnacct	nttaggccat	noctaaac	600
gnnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc		660
ctnacnttnc	tcttcnnttc	cnngnattn	nnttnnnntt	cncnttngn	tntcncnct		720
anttcaancn	nctcttaant	ttngcnnttc	ctcnnttcnn	t			761

<210> 3349

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3349

atacagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggactgttc	60
atcctaagtt	ccactataaa	caggctcatg	actcgggcac	agacatttct	tgcgtagactt	120
tttcctatga	tggtaatgtc	cttgccctctc	gtggagggtga	cgattcatta	aaattatggg	180
acatccgaca	atttaataaa	ccactttttt	cagcctcggg	tcttnccacc	atgttcccaa	240
tgactgactg	ctgtttcagt	ccagatgata	agctcattca	ctggtacatc	tattcaaaga	300
ggatgtggca	gcggcaaaact	tgttttcttt	gagcgttagga	ctttccaaag	ggtgtatgaa	360
atagacatca	cagatgcgag	tggtgntcgc	tgccctgtggc	atccaaagct	gaaccanattc	420
atggttggaa	ctggaaatgg	attggctaaa	gtctattacg	acccacaaag	agtcagaggg	480
gagcaaaatt	atgtgtggtt	aaaaccacgc	ggaaggcaaa	acaagctgag	actctaactc	540
aggactacat	catcaccctt	catgccttgc	ctatgttncg	ngagccccgc	caacggagta	600
caaggnaaca	gctggagaan	gacagactgg	atccccgtga	gtcgcataaa	cctgaacctn	660
ctgtaccaag	gcccaggtcg	tggtggccga	ntttggaacc	cacnggggca	cttttttttt	720
ctatattggg	aanaacattg	ttttggacaa	aancgatgac	agtaattctt	cgggaagcn	779

<210> 3350

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3350

atgcggncaa	tgctggctac	tcgttctttc	cgcaggancc	cntcgattcg	ctcacctgga	60
ataatgagat	cttacctaac	tgggaaacaa	tgtggtgctc	tagaaaagtt	cgagatttat	120
ggtggcaggg	aatccctcca	agtgtgagag	gcaaagtctg	gagcttagcc	attggcaacg	180
agttaaatat	caccacagag	ctctttgaca	tctgtcttgc	ccgagccaag	gagaggtggc	240
ggtcccttag	cacaggaggc	tctgaagtgg	agaacgaaga	tgctggtttt	tcagcagcag	300
acagagaagc	cagtctggag	cttattaaac	tggacatttc	tagaacattt	cctaattctt	360
gcattttcca	gcaaggtggt	ccatatcatg	acatgttgca	cagtattttg	ggcgcttata	420
cttgttaccg	gccagatgtg	ggttatgtcc	agggcatgtc	cttcatagca	gcagtgttga	480
tcttgaactt	agatactgca	gatgccttta	ttgccttttc	taaccttctg	aataaacctt	540
gtcaaattgg	gttttttaga	gtggaccatg	gccttatgtt	gacttatttt	gctgctcctc	600
cagaggtctg	cacactccac	ttcacatgcc	gttgactctc	acagtctaag	acttcagggc	660
cgggaccttt	gtccagcctg	cacagtagag	tgaggctgcc	tctc		704

<210> 3351

<211> 924

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(924)  
<223> n = A,T,C or G

<400> 3351  
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ttgcagancc caccgnttcn gnagatgatg tggatanact tggatactcc cttgagtgga 120  
anatanngt gttcagactg nncaagtnta nctccanaga ctttgaagtc tgctaccag 180  
aggagcctct cagggactgg ccggagatct ccctgctgac cgagaacgac cgccactacc 240  
acattccagt cntttaannc cgctgggggc cnaacagcag ngctcaccag tgacggtggt 300  
cacagttgcn ataaagtngt ctctgaaacc aaagctagca tttcacnatg gaaggaatta 360  
ngacctattc ttcaggatta caggtacact ggntgcaagc catgcatgga tggnttttct 420  
taatnntnca gtngatttgc tctnaannca nctgcanatg aaaacanttg gcgagtnggg 480  
ngncnggact ttgaccata nagggggcgt nggccacttc acatgatggg cgggggncat 540  
tgggaccaca aatnaaaggc cngcntggac ancaaacntg ggaaaaaann naagaangaa 600  
aaaccacnnt aaagngaaaa nacangcntg accttgggag agggaaaaaa aaccaagttt 660  
taaccggttn atggttcatt cattnaaaaa aacctnnanc ntcggacttg tattttggag 720  
gggatttaan taccnaaana atngggncct tatttttnan aataaagcnn anaacctttt 780  
accnaaagaa ancccnannt ttgggaatan tggcnatntc taaangggan cccatnnggg 840  
attnaacntt gtnaaaaatt aactaanact ttcgggggaa aagttgncna aatngaaggt 900  
ggntcanaaa naaaaanaaga annng 924

<210> 3352  
<211> 924  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(924)  
<223> n = A,T,C or G

<400> 3352  
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anatanngt gttcagactg nncaagtnta nctccanaga ctttgaagtc tgctaccag 180  
aggagcctct cagggactgg ccggagatct ccctgctgac cgagaacgac cgccactacc 240  
acattccagt cntttaannc cgctgggggc cnaacagcag ngctcaccag tgacggtggt 300  
cacagttgcn ataaagtngt ctctgaaacc aaagctagca tttcacnatg gaaggaatta 360  
ngacctattc ttcaggatta caggtacact ggntgcaagc catgcatgga tggnttttct 420  
taatnntnca gtngatttgc tctnaannca nctgcanatg aaaacanttg gcgagtnggg 480  
ngncnggact ttgaccata nagggggcgt nggccacttc acatgatggg cgggggncat 540  
tgggaccaca aatnaaaggc cngcntggac ancaaacntg ggaaaaaann naagaangaa 600  
aaaccacnnt aaagngaaaa nacangcntg accttgggag agggaaaaaa aaccaagttt 660  
taaccggttn atggttcatt cattnaaaaa aacctnnanc ntcggacttg tattttggag 720  
gggatttaan taccnaaana atngggncct tatttttnan aataaagcnn anaacctttt 780  
accnaaagaa ancccnannt ttgggaatan tggcnatntc taaangggan cccatnnggg 840  
attnaacntt gtnaaaaatt aactaanact ttcgggggaa aagttgncna aatngaaggt 900  
ggntcanaaa naaaaanaaga annng 924

<210> 3353  
<211> 785  
<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3353

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ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	cctccccctga	tagggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3354

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3354

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ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	cctccccctga	tagggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3355

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 3355

tgtgcncgga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
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gagctagtgt	ttggcccaaa	aaaggaactg	ctgnnttggn	ataaactgt	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggt	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agacctgtt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnaggga	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tganccctna	tcccanggtt	tcatttgtgg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntattttna	600
aagaaccttt	ttnggttggg	nnaaaaaacat	aatttgagcn	ttcnnctttt	nagaattccc	660
ctaacatctc	aggttgggtg	gggnngg				686

<210> 3356

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3356

nnntnnnttt	taaagacttn	canctctttt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgggg	ggagcaaata	atangccctt	gtgtgtgttt	ttggcagana	agccatgaag	120
acaagcagat	gctaataaaa	gaatctgcat	ctttgnttgt	tattccatgt	taaagggntg	180
aaataaagg	aanagaatat	ttgtactgtt	gttatccaaa	tccatctcct	gttctactct	240
ctattcaaaa	taatcgta	gtgactaaca	gagctttcag	accaacagta	tttttatttt	300
tcattttta	ttcagggtac	caacatttct	ttccatggat	gttgatggac	gtgtcatcag	360
agctgactct	ttttcaaaaa	tcatttcctc	tgggttgaga	ataggatttt	taactgggtc	420
aaaaccctta	atagagagag	ttatttttaca	catacaagtt	tcaacattgc	accccagcac	480
ttttaaccag	ctcatgat	cacagcttct	acacgaatgg	ggagaanaag	gtttcatggc	540
tcattgtag	aggggtattg	atttctatag	taaccagaa	ggatgcaata	ctggcagctg	600
cagacaagt	gntaactgg	ttggcagaat	ggcatgtcct	gctgctggaa	tgtttttatg	660
gattaaagtt	aaaggcttaa	tgatgtaaaa	agaactgatt	gaagaaaagg	ccgttaaaat	720
gggggtatta	aagctcctgg	aaatgtttct	cgtcgatagc	tcacttctan	cccttacttg	780
agagcttctt						790

<210> 3357

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 3357

tgtgcncgga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggctg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgnnttggn	ataaactgt	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggt	ctagttggca	acaaatgggt	240

atncaataaa	tggtccatg	atgggaca	agaatnnnca	agaccttggt	ctccagaa	300
ttggaatgac	aaacnggctt	ctttttct	cctatngntg	gtactcttat	gtgctgata	360
tacacatttc	ctngtcttaa	cnttnagggg	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tganccctna	tcccanggtt	tcatttggtg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntattttna	600
aagaaccttt	ttnggttgga	nnaaaaacat	aatttgagcn	ttcnntttt	nagaattccc	660
ctaacatctc	aggttggtg	ggngng				686

<210> 3358

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3358

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gaagctgaga	cttctgcttc	cacaccccc	gcaagtgett	tcttgaaggc	ctgggtgtat	120
cggccaggag	aggacacgga	ggaggaggaa	gatgaggatg	tggatagtga	ggataaggaa	180
gatgattcag	aagcagcctt	gggagaagct	gagtcagacc	cacatccctc	ccaccgggac	240
cagagggccc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
ctgctgagga	ctggggagaa	gctgagccct	gccccctccg	agtggccatc	tatgtacctg	360
gagagaagcc	accgcctccc	tgggctcctc	ctagctgccc	tccgactgca	aaggcggtc	420
aagcgccag	aaacccttac	tcatgatccg	gaccctgaga	ctccccctaa	ggccagaaag	480
gtgcgcttct	ccgagaaggt	caactgtccat	ttcctggctg	tctgggcagg	gccggccang	540
ccgcccang	gccctgggag	cagcttgctg	gatcgagccc	gttccacgcg	ataccaagc	600
ccagagactg	accctgctac	ctntgccggc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaacac	cttngcantg	gcnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3359

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ggattgattc	agggagaaat	ttgactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggaccaa	cctggctttc	ccgactgctc	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgctgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtacacccg	300
catcctcctc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gccggccgca	tcctgactac	caggatccat	gagcttaaac	aggccaaagt	420
gagcacagtc	atggataccg	ttggccggag	gcttcggggac	tccctggggc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagtgtg	gcacccagct	cttgccggaca	gtgccaacaa	540
gtttgaggag	aacacctact	gcttcggccg	gacccgtgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcatgganga	acaacttggt	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggccgtgc	ttgtccgcng	ggccaanccg	cttccattcc	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acganggnnt	ttntttgggn	ccaacaaccn	780

<210> 3360  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 3360  
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 cagcagctgc cctgcgcgct gccggagctc caggtctaca cccgcggcaa aaagtaccag 180  
 cggctgggtcc gcgcctcccc ggccttcgac tatgcagagt tcgagccgca catcgtgccc 240  
 agcaccaana acccgtangt ggtccncggc ggcgcgggga ggcccagggc aatnngacag 300  
 nccctccgnt tgactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg 360  
 gaccagggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgcccanaa 420  
 cagtgctga ngcacacca aggcggcggtg taccagcgag cttttgtgta aatatgaaga 480  
 atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang 540  
 gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt 600  
 caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt 660  
 caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga 720  
 ggttgaaagg caaancccca aaaaaaggc cttgtgaagg cagganaaan acaacctntc 780

<210> 3361  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 3361  
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 cagcagctgc cctgcgcgct gccggagctc caggtctaca cccgcggcaa aaagtaccag 180  
 cggctgggtcc gcgcctcccc ggccttcgac tatgcagagt tcgagccgca catcgtgccc 240  
 agcaccaana acccgtangt ggtccncggc ggcgcgggga ggcccagggc aatnngacag 300  
 nccctccgnt tgactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg 360  
 gaccagggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgcccanaa 420  
 cagtgctga ngcacacca aggcggcggtg taccagcgag cttttgtgta aatatgaaga 480  
 atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang 540  
 gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt 600  
 caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt 660  
 caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga 720  
 ggttgaaagg caaancccca aaaaaaggc cttgtgaagg cagganaaan acaacctntc 780

<210> 3362  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 3362  
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 cacgagctgc cctgccgcct gccggagctc caggtctaca cccgcggcaa aaagtaccag 180  
 cggctggtcc gcgcctcccc ggccttcgac tatgcagagt tcgagccgca catcgtgccc 240  
 agcaccaana acccgtangt ggtccncggc ggcgcgggga ggcccagggc aatnngacag 300  
 nccctccgnt tgactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg 360  
 gaccagggca ccaattgttc ttgcaaaactc accctgcggc acatcaacaa gtgcccanaa 420  
 cacgtgctga ngcacacca aggcggcgcg taccagcgag cttttgtgta aatatgaaga 480  
 atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang 540  
 gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt 600  
 caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt 660  
 caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga 720  
 ggttgaaagg caaancccca aaaaaaaggc cttgtgaagg cagganaaan acaacctntc 780

<210> 3363  
 <211> 917  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(917)  
 <223> n = A,T,C or G

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 tccttaccct ggtccgggtg gaggaggttg gggtagcgga agcagcttcc ggggaacccc 180  
 gggcgggggc ggaccacggc cgccctcccc tcgagacggg tacgggagtc cgcaccacac 240  
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 cagcttcccc gggggccggt tcgggtctcc gtcccttggc ggctaccctg gctcctactc 360  
 caggtccccc gcggggtccc agcagcaatt cggctactcc ccaaggcagg annanaanca 420  
 nccncanggt tntncaagga catntacacc atttgatca nggcgtntta naaaaaaaan 480  
 aatgttaatg anttgaaaa ntatttnaaa gcctttnaat gnttnnnnna atccttnggg 540  
 nttggcctta naaanccaan attntngtng gngggntntt aannccnnnc aantncnnnn 600  
 nnattncntt naaaacnttt nnnccanggn cnnaaaaaaa nggggnaann aaaaaacttt 660  
 tttnttnaa nnantttttt tggaaaattt naaancntng gaaaancntt tnnntngttn 720  
 ntnangggaa annantnttt tgggnncnaa aaaacntttt naannnnntnn nggttnnnan 780  
 nnnttaaaaa ntttnnnccc ccaannnnnt nnanngnanc ttttnnantt ngggantaaa 840  
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 ttngnnngna annntnn 917

<210> 3364  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

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agatcagagg aggccttcttc atccttcaac tccatgatga actcctatat gaagtggcag      120
aagaagatgt tgttcaggta gctcagattg tcaagaatga aatggaaagt gctgtaaaac      180
tgtctgtgaa attgaaagtg aaagtgaaaa taggcgccag ctggggagag ctaaaggact      240
ttgatgtgta actgtgctgt tgatgaagtc ctcccaggga agcctgtgca gatgcagtca      300
cctggaaaga acagagatta ccctttcacc tacctcagca aaacaaactt tcaagtcttg      360
atagacttag cctagtaatt ttaatagtga agtttcaaac tatatatcag tgtctatagc      420
atcaaaaact tctggggggcg tgggggaagt agaatacaca gtataatagt tacattcact      480
ttcaaagagc atctatgaat ttgccttttg tacttactgt ggctttaaac atattcagaa      540
cagatgcttg aaatatgcac ttagcacttt ggttnccat ctgtctgggt aaaccatgaa      600
gaaaatgaac tgctgcctca atcgaccagc acagcaccat aggcagataa agaattggnt      660
tcaccctggt ggtggttaggc atcgcggtgtg actttttttt ctctatatca attttcagta      720
cggaatatgt attttaaaat agattggctn ataaattatg aatctttaag tagtagan      778

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```

<210> 3365
<211> 765
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (765)
<223> n = A,T,C or G

```

```

<400> 3365
gtnnnnngtt tgannnccat cnttttatat ncattttttct actngttctt tttgcaggga      60
tccctcgatt cgaattcggc acgagggggcg aaaaagatga ccgaaattca aactcctgaa      120
aatactcctc gtttatttga tttagtaaaa gtanaagatg agaaaattcg ccaagctttt      180
tattttgctt tacgagatac cttagtagct gacaacttgg atcaagccac aagagtagca      240
tatcaaaaag atagaagatg gagagtggta actttacagg gacaaatcat agaacagtca      300
ggacaatgac tgggtggtgga agcaaagtaa tgaaaggaag aatgggttcc tcaacttgta      360
ttgaaatctc tgaagaagag gtaaacaaaa tgggaatcaca gttgcaaaac gactctaaaa      420
aagcaatgca aatccaagaa cagaaagtac aacttgaaga aagagtagtt aagttacggc      480
atagtgaacg agaaatgagg aacacactta gaaaaattta ctgcaagcat ccagcgttta      540
atanagcang aagaatattt gaatgtccaa gttaaggaac ttgaagctaa tgtacttgct      600
acagcccctg acaaaaaaag cagaaattgc tagaagaaac gttgtgcttc aaacaaatat      660
gatgctgtgg ctgagaagct gtaaagtaaa actgagttaa ccttcccata catcgtgaat      720
atatctactc aggcacagca cttgtaataa tacataatat gnttg      765

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```

<210> 3366
<211> 807
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (807)
<223> n = A,T,C or G

```

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<400> 3366
ncttnaagcc cttttaaaac cgttcgaccc atcgatccna ntcaggancc aancnanatc      60
naatctgnac gaaggaaccc ccnctnttga gcnnaaactn nncncttntt ggggcaanag      120
ggtggactgg gnnnnangng nanagagaga acgcanggcc annaaggana gaaaaccntt      180
cagcanctca atnaactgcg ggccaagana tctaccgctc tcccttctcn cacaagnacc      240
attggccttn nnatcngaag catttgacaa aaacttgctt gtttgggcct gtcacctcct      300
gaaaggctgn tttagntgtg gatgncctng attaaggagg agagcaccta ggagctgcct      360

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gccccagctg	gggtgacggc	tgggctg	ggtctatgtt	gcaagcccta	ttagcn	420
tgcagnngaa	agtgttagc	ttcncctg	ctgacctctg	ggcagncant	caaaancca	480
nanagacgtg	gengcntgtg	ggcagcatgc	ccaantncct	tgcttgactn	agcactnatt	540
tctggtagnn	tnaaaaaaga	attnaangtt	tnttgggnnn	nttttttgg	gggngttga	600
ggggtgggcc	aaaaacatgg	ggggtagnnt	ttgagttggt	anaaaatgtn	tntgaatcaa	660
nntntntnt	nnaaacacga	tttgcccttt	taccattat	aaagatgggn	cttatncccc	720
acngnactgg	ataaaccttt	ngggtttttt	ttggtntgga	nttggttctt	tnaaaaaatt	780
tacccaattc	atgccctnng	ggntccn				807

<210> 3367

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3367

gnnnnttttn	nnnntntaaa	cccttnagct	actcgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtgc	cacagggggg	caatctttat	ttgtcttact	tcctaccct	120
tcctgtttct	gcctctttta	ctcagttaag	ttgttctgtt	tgggacctgg	aaaagaaccc	180
aaagaaaacc	tgagtggaca	ggttcatttc	tggaatgcag	aaaacatttt	aaaggctaga	240
tttttagaat	attctcaact	agcattcttt	ccattgattt	gaaggggaat	taactattat	300
aatctcttga	atccaaaact	ggatattaag	aactttcccc	cttactaagt	ttaagacttt	360
tgatcatgtg	tgagtcaa	aagaccattt	tgattgtaaa	ccataaaaata	gttcagcaag	420
tagccacag	ttctggccta	acagcagact	tgctgttttc	acttggtatc	ctggagtgg	480
gttgctaacc	ttaatttcta	tgatgttttc	taaaatgaaa	cttgataaag	tagaccacca	540
gctgcaccgt	gttttctgta	aaagtattgt	tagtaagtgg	ccaagagact	tgaggaaaat	600
acagattttt	tggttacctt	ggtcttggtt	taagtcttaa	aaaattaaag	ataacattat	660
aatgtagaat	cagatgggac	atagtccttg	taagcttncc	ttggaaatgt	tttaaattat	720
taggaagctt	ttaaagacc	taaattgtac	tctaaaagac	actnaattgt	ctaattgtaca	780
aagg						785

<210> 3368

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3368

gnnnnttttn	nnnntntaaa	cccttnagct	actcgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtgc	cacagggggg	caatctttat	ttgtcttact	tcctaccct	120
tcctgtttct	gcctctttta	ctcagttaag	ttgttctgtt	tgggacctgg	aaaagaaccc	180
aaagaaaacc	tgagtggaca	ggttcatttc	tggaatgcag	aaaacatttt	aaaggctaga	240
tttttagaat	attctcaact	agcattcttt	ccattgattt	gaaggggaat	taactattat	300
aatctcttga	atccaaaact	ggatattaag	aactttcccc	cttactaagt	ttaagacttt	360
tgatcatgtg	tgagtcaa	aagaccattt	tgattgtaaa	ccataaaaata	gttcagcaag	420
tagccacag	ttctggccta	acagcagact	tgctgttttc	acttggtatc	ctggagtgg	480
gttgctaacc	ttaatttcta	tgatgttttc	taaaatgaaa	cttgataaag	tagaccacca	540
gctgcaccgt	gttttctgta	aaagtattgt	tagtaagtgg	ccaagagact	tgaggaaaat	600
acagattttt	tggttacctt	ggtcttggtt	taagtcttaa	aaaattaaag	ataacattat	660

aatgtagaat	cagatgggac	a	cccttg	taagcttncc	ttggaaatgt	t	atatt	720
taggaagctt	ttaaaagacc	t	ctgtac	tctaaaagac	actnaattgt	ct	ctgtaca	780
aaggn								785

<210> 3369  
 <211> 1000  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1000)  
 <223> n = A,T,C or G

<400> 3369							
aatttttttn	nmcnaat	ttccnaagg	gccccttaac	cttttggtt	tttccctttt		60
tttttttttg	gcccnaagg	gaaattcccc	cccccaattc	ccgnaat	ttcccgnaa		120
aaatttttcc	cggggccna	cccgnaagg	gggaagggg	gaaaaat	taaccagg		180
gggtttaagg	gccccaaaa	aaatttttaa	ttggggggaa	gggnttttg	ggggaaggg		240
gnaaccagg	gtttanttg	aaaaccccc	ccnat	tttgacct	tttgccac		300
ccgggggaaa	aaagggaat	gaaagcccc	aannaatgg	cctttttcca	aaaaagaa		360
ccttggggg	ggaccaagg	gaaaaataa	aaattggct	accatgggt	tggtttata		420
tgaatgatg	gtctgcagg	ggacctgtt	tttctgaag	tggtactag	ttgccccaaa		480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac		540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggaacaaga		600
tttcgaagac	cttgtcgtt	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct		660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa		720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg		780
ggacaattgc	ttacttttgt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat		840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg		900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc		960
nagttttaag	tantttcact	acatctcaat	tggttgggtg				1000

<210> 3370  
 <211> 1000  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1000)  
 <223> n = A,T,C or G

<400> 3370							
aatttttttn	nmcnaat	ttccnaagg	gccccttaac	cttttggtt	tttccctttt		60
tttttttttg	gcccnaagg	gaaattcccc	cccccaattc	ccgnaat	ttcccgnaa		120
aaatttttcc	cggggccna	cccgnaagg	gggaagggg	gaaaaat	taaccagg		180
gggtttaagg	gccccaaaa	aaatttttaa	ttggggggaa	gggnttttg	ggggaaggg		240
gnaaccagg	gtttanttg	aaaaccccc	ccnat	tttgacct	tttgccac		300
ccgggggaaa	aaagggaat	gaaagcccc	aannaatgg	cctttttcca	aaaaagaa		360
ccttggggg	ggaccaagg	gaaaaataa	aaattggct	accatgggt	tggtttata		420
tgaatgatg	gtctgcagg	ggacctgtt	tttctgaag	tggtactag	ttgccccaaa		480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac		540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggaacaaga		600
tttcgaagac	cttgtcgtt	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct		660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa		720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg		780



ggacaattgc	ttacttttgg	gctttt	aaaaagtaac	acgaaatcat	cttgc	840
aaaaccttaa	aagttctgtt	ggcttcaca	agaaagacaa	aggcagaagt	tttaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tanttttact	acatctcaat	tgggtgggtg			1000

<210> 3371  
 <211> 924  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(924)  
 <223> n = A,T,C or G

<400> 3371						
annnnnggnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtgga	120
anatannggt	gttcagactg	nncaagtnta	notccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	cgggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacggtggt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cggggncat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttggggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atgggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3372  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 3372						
ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aagggttncaa	anaacttggt	cataantatg	atnatgagaa	gacancgtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaact	gacttnttta	180
gacaaagttt	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtccacagt	ggtggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancnggggnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcatgggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atttttggnc	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncactca	480
tntggtgcaa	agtgccccng	gcaccaacng	ngncnnggtn	ctcanccaca	accntgctnc	540
ctctgagatn	cacnccccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatccnat	atgnccatac	tttncctntt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gnngtggttn	tctngcta	ttcccaccag	ntggntnann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnngggntt	780

<210> 3373  
 <211> 869  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(869)  
 <223> n = A,T,C or G

<400> 3373  
 atttcaaaaa ctcttgccctt nttaaanacc tnncgntact cgatcntnca cgaggaanga 60  
 ggacctaggc acacacatat ggtggccaca cccaggagg tagtgngag ttagatttna 120  
 gagtccaggc cctagggttg gacccactcc aaataatctc ctcggtgtgg gtggtggttn 180  
 tatanangga taaatgaata ataaacattn ntaaaatata cgctattcct tgntggaaat 240  
 gcctgctgca ccccggtttc cantgacntn ccgaangngg ntatnnggtg gtcantggaa 300  
 tnacagtcaa tccanangtn anccngcngg gntgcatcaa gctgncctcg cacctgggnt 360  
 nnnccacctc tgcccacac tggtnatgat gccacacctt nccatgttca cnetgtttgg 420  
 aaaaanncct tttnttttcc tcttttaaag agaaaacatt ganaaagatt ttttttttta 480  
 atgggcccgc ccnaaaagg agatctnccc ncccttgtat atnatantnn tgacctncc 540  
 tacnaagang gcgttttttg caaaatnatt nttttntttt tcncgnggtg gtgggggaaa 600  
 aatttttctt ggggggggccc ttngnngccn aactnttaat tttcccccatt aaggcaannt 660  
 ttctttgggg gnetttcccc nggggcttaa ncnttaaaact ttggaatttt tntnggggtt 720  
 ggttngnccn taaattttta nnaaaatggt ngtcnaaccc aaaaaaaaaat ntnacccccg 780  
 ggggccnaa anttttttnc ccccttggga ngccttttan tttccccac aaactttttt 840  
 tttttccctt ccaaccnctt ttattcttt 869

<210> 3374  
 <211> 1128  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1128)  
 <223> n = A,T,C or G

<400> 3374  
 gnnnggggnnn nnnnnnnggg gnggggggnnn ggcgnnnggn ncnncggnnn ancnnnnnnn 60  
 nncnnngggg ggnnnccccc cgggtttttt ggccaaaatn ttggggcnaa naaacccagg 120  
 gcccttacct nggggncccc cttttntttt tggggccang gggnnagccc nccncgnncc 180  
 cgggnanggg ggccnggggg gnaggggccc gcngcnaang ccgnaggggg ggggggcneg 240  
 cggccccnc ccannngncc aagaganaaa nnnaggcggc nnagngaang nggaannccc 300  
 ntggggcnng gggnnanana nccaagnggg aggggggggg ggggccggcc gggntcgggg 360  
 gagnnacggn cantnggncn ggggggnggg aggggcacag ggggaggagg ncttngngng 420  
 gggngagcga gcgcggggcn cnancagnn gggancncnn gcaangggca nnagangccg 480  
 nggnccacct acnnggggga ngcaaggcnn tngnagtnat ngggggnagg agcaaaaang 540  
 ggngncccnng ngctaggncg ancntggggg agggagcnng ccngaacagc nggggggnnc 600  
 tggngagaaa cnggagcng ncngnacggc ccnggagaca aggagcgtct gggggagggc 660  
 gatggcaagg ggtatggng gctgggacan gngggggacc cnagnnaaa nncgtngggc 720  
 aagngggacg tnnngggngn nngctggata agggncgcaa ggtaccnagn cgggnncagg 780  
 gngncactgg nangcaggga gagccgagga cggnnagngc gnggntgagg gnacgncng 840  
 gangacgtgc caggnaaccc nggggncng ggcgggnaaa cngncgagc ncgccggggc 900  
 ngcgtcgcag agcnggnnn aggcganng gtnaaggng nggngnggg angnnngggg 960  
 cgaggggncn aaggatnng aggggggnac acntgggcn ganggcatgg ncnngcncgg 1020

ggccgaaaca	cggaacgcg	gagggc	angngngggg	nctgggggnc	cggnag	1080
gggnacnggg	ggcgggggcg	cggnacag	tgtgnnngcg	gcgagccg		1128

<210> 3375  
 <211> 1128  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1128)  
 <223> n = A,T,C or G

<400> 3375						
gnngggggnnn	nnnnnnnggg	gnngggggnnn	ggcgnnnggn	ncgncggnnn	ancnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttgggccnaa	naaacccagg	120
gcccttacct	nggggncccc	ctttnttttt	tgggcccang	gggnnagccc	nccncgnncc	180
cggnanggg	ggcnggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcnnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggnen	ggggggnggg	aggggcacag	ggggaggagg	ncttnnggng	420
ggngagcgga	gcgcggggcn	cnancagnng	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnggggga	ngcaaggcnn	tngnagtnat	nggggggnagg	agcaaaaang	540
ggngnccccng	ngctaggncg	ancntggggg	agggagcnnng	ccngaacagc	ngggggggnnc	600
tggngagaaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatgggng	gctgggacan	gnngggggacc	cnagngnaaa	nncgtgnggc	720
aagngggacg	tnnggggngn	nnctgggata	agggngcgaa	ggtaccnagn	cggggnncagg	780
gngncactgg	nangcagggga	gagccgagga	cggnnagngc	gnggntgagg	gnacgncgng	840
gangacgtgc	caggaacccc	nggggncgng	ggcgggnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcngggnnn	agggcannng	gtnaaggngg	ngngnggggn	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggccc	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgnccggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3376  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 3376						
aantacatca	gctnttntct	ttttgcagga	tcccatcgat	tcgagaaagt	gctagcacag	60
tttgtgttgt	ggatttgcta	cttccatagt	ttacttgaca	tggttcagac	tgaccaatgc	120
atTTTTTTca	gtgacagtct	gtagcagttg	aagctgtgaa	tgtgctaggg	gcaagcattt	180
gtctttgtat	gtggtgaatt	ttttcagttg	aacaacatta	tctgaccaat	agtacacaca	240
cagacacaaa	gtttaactgg	tacttgaaac	atacagatat	gttaacgaaa	taaccaagac	300
tcgaaatgag	attatTTTTg	tacacctttc	tttttagtgt	cttatcagtg	ggctgattca	360
ttttctacat	taatcagttg	tttctgacca	agaatattgc	ttggattttt	ttgaaagtac	420
aaaaagccac	atagtttttc	cagaaagggt	tcaaaactcc	caaagattaa	cttccaactt	480
ataagtttgt	ttttattttc	aatctatgac	ttgactggta	ttaaagctgc	tatttgatag	540
taattaaata	tgttgtcatt	gatataaacc	tgtttggttc	agcaaacaaa	ctaaaatgat	600
tgtcataaga	caggggtttt	atTTTTcctg	gtggngtng	ctgatttgng	gagcatgcct	660
ttaagaatga	aaaaagcctg	gaatggataa	ccttccctta	aaaaaggngc	cggcattcca	720

attcaaaata ttttcgtcct g tnaaa gctggttggg gtaatgctaa t aaattc 780  
cttcagttaa ttt 793

<210> 3377  
<211> 828  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(828)  
<223> n = A,T,C or G

<400> 3377  
tcccttttng aaagctttta acctttttta aacntttcag ctcggnccc attgcnngann 60  
cnaatctantc nnnngccggcn ccgcnngnn gtntnncatt nataaanngc ttgaanatna 120  
tgatgtngcc ntctagnnac nnagatttga ntccgnttan ngaatgtgga aatntgcnc 180  
ggaagaaatg ttncnttna tgatagctcg tgnatggaaa aaagngcact gnatttatta 240  
cacaaactta cnaatgcttn acttctttac acaacatnng tnaantnata tttgggntat 300  
tgcattctat naacaatttg tgnatgnntt aanatgggtg tnatnactnt gntnnncgnc 360  
annntgtttt taacnntan tggccctaaa atatgggtgt gcttatataa tcgcttactt 420  
ctggcnactgn aacngnnnta cngaggacag ntgggntttt aaccctcttn ttgnacgttt 480  
gccngaccta cntggcnctan tatggattctt aaaagtactt caatgnnctt annaagaaac 540  
atatccttgn ggngtatttta gatgcttttt gattataccc acacaatncc tgaggggaca 600  
ttttggggcn tngaataata aacanttnna tntccactta ncatctgccc cccngnggta 660  
agttactatt ngttmngcng gtacaactaa atnntctttt ccantntttt aattgggaaa 720  
taggggcgaa tnnctangnc tttantggnt ggtntctggg ctcaatggac natnnaacaa 780  
ttgnnaaana caaatntgta aatcccgga ttcctnataa aaaaaant 828

<210> 3378  
<211> 793  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(793)  
<223> n = A,T,C or G

<400> 3378  
nnnnnnnnntt nnttttnata tacatncagc tcttgttctt tttgcaggat cccatcgatt 60  
cgctgacaac ttgattgggt tctccttcag gtttgaagcg ccctcgagaa gtgtctaaag 120  
gagacagttg atagccaaac aacagttttg gattcactga ctgattatga aagaagcagt 180  
agactggtat caagaatcag tcagcaagga ggccctcacc agacgccagt gccatgttct 240  
tggacttctc agcctccata ttcattgaact aagtttttgg aatccttagg ctccngtgt 300  
ggaaagcctg agctaacctt ctggaggatg agccatcacc tggagcagat tcaggccatc 360  
ctagttagaag cctccctagg ccaagcaacc gtccaactac cagacattga ccattcagcc 420  
ttgaacattc agcacaaga caaacagac cagaccagaa gaggccaca gaatagggga 480  
aactattcag agaaaactta agccactaag ttttatgggtg tttgttctg tagcagaagc 540  
ataggcatat tgacaataca aaccgaaatc cttctaactg agtggacctt ttcaggccac 600  
atttttttct tgaaaacctg gagcatgtat catcttatag cagagatcac tttcacaatg 660  
tttgggctct tgatttgaat tgatgatgta atgagccctc tatncagatg nnactaatta 720  
ctctgcgaat tgactgggat tcacaccctt ctaatatattt acttttctc ttttatcaac 780  
tctcattctc gct 793

<210> 3379  
<211> 686

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

<400> 3379  
 tgtgcnccga aagatnagcc aaatgctttc aaagagctng ggacaggaaa tagaatngct 60  
 acngtggctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg 120  
 gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataancgtgn ngccannnga 180  
 nancgagatt atagtacacg gcntgcagcc tgtncagggt ctagttggca acaaattgggt 240  
 atncaataaa tggctccatg aacgtggaca agaattnnca agaccttggt cttntcagaa 300  
 ttggaatgac aaacnggctt ccctttttct cctatngntg gtactcttat gtgtctgata 360  
 tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg 420  
 nttcacncca tganccctna tcccanggtt tcatttgggt acaattgctt acttttgngg 480  
 ggtcttttaa aaaggnaacnc gaaatcttca ttattgccgt aaaaacctta aagatctggt 540  
 ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttna 600  
 aagaaccttt ttnggttggg nnaaaaacat aatttgagcn ttcnctttt nagaattccc 660  
 ctaacatctc aggttgggtg gggngg 686

<210> 3380  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 3380  
 ttccatcagc tcttgttctt tntgcaggat ccctcgattc gaattcggca cgagattcca 60  
 aaggttncaa anaacttggt cataantatg atnatgagaa gacancgtct ttctnttaaa 120  
 acagnttant ngccttcact tttgtgaaaa tagntttcan cacanaaact gacttnttta 180  
 gacaaagttn taaccaatga tngngtnngc ttctaggata tacactctaa ancaactcac 240  
 tgtccacagt ggtggtcatt gctggccta ntnanttggn cctgcntaan natattgata 300  
 tctaatttcn ttttaaccacc ntnantngnc cttanttacc ancngggnnn nactncacgn 360  
 ggcaactgng gcntngcntn cttnnccagc tcatgggtgng tgaatgttat acaaattgcc 420  
 actcagatat atttttggnc gtaatggggg gtacaaatga tcatgtgatg tgtncactca 480  
 tntggtgcaa agtgccccng gcaccaacng ngncnnggtt ctcancaca accntgctnc 540  
 ctctgagatn cacncccnt cancctccga gtaangagtt gcgntacaac tcatcaangg 600  
 nanactggnt aatattaaaa atcatccnat atgnccatac tttncctntt ttgtancctg 660  
 cccaannatc ccgtcaaagg gnngtgtttt tctngctaatt tcccaccag ntgggnntann 720  
 nttaattccn ctcaggganc aaanngttca caatgccttt ctttttttcc cgnggggntt 780  
 ttggaagcn 789

<210> 3381  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

```

<400> 3381
naacacttng ctacnngttc ttgcagg atcccatcga ttogaattcg ggcaggag 60
atctctggga tgtcagttag gctggttgaa gaccagaggt aaactgcaga ggtcaccacc 120
cccacatgt cccaggtgat gtccagccca ctgctggcag gaggccatgc tgtcagcttg 180
gcgccttgtg atgagcccag gaggaccctg caccagcac ccagccccag cctgccaccc 240
cagtgttctt actacaccac ggaaggctgg ggagcccagg cctgatggc ccccggtccc 300
tgcattgggc cccctggccg actccagcaa gccccacagg tggaggccaa agccacctgc 360
ttcctgccgt cccctggtga gaaggccttg gggaccccag aggacctga ctctacatt 420
gacttctcac tggagagcct caatcagatg atcctggaac tggacccac cttccagctg 480
cttccccag ggactggggg ctcccaggct gagctggccc agagcaccat gtcaatgaga 540
aagaaggagg aatctgaagc cttgggtaag gatttggggc acagtaccag gaggggggct 600
tggtgccaga cctcatgagg aagaaggatt ttcctatgta cagagaaggg gaccctgtc 660
ctgttgggan gtgctgtgca aacctaacca aagttactaa cccctctggt ttctgngggt 720
acacaaangg ggataaatac aaagctttnc ctnaactagc caattctatt tgggtttcct 780
gagt 784

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```

<210> 3382
<211> 775
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

```

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<400> 3382
aaccaccagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg caccagtgaa 60
agttcaaaca gaaattgcat tgttattaca gagaaagcaa gaactagttg cagaactgga 120
ccaggatgaa aaggaccagc aaaatacatc tcgcctggta caggaacata aaaagctttt 180
agatgaaaac aaaagccttt ctacttacta ccagcaatgc aaaaaacaac tagaggatcat 240
cagaagtcag cagcagaaac gacaaggcac ttcattgattc tctgggaccg ttacattttg 300
aaatatgcaa agaaagactt tttttaagga aaggaaaacc ttataatgac gattcatgag 360
tgtttagcttt ttggcgtggt ctgaatgcc aactgcctata tttgctgcat ttttttcatt 420
gtttattttt cttttctcat ggtggacata caattttact gtttcattgc ataacatggt 480
agcatctgtg acttgaatga gcagcacttt gcaacttcaa aacagatgca gtgaactgtg 540
gctgtatatg catgctcatt gtgtgaaggc tagcctaaca gaacaggagg tatcaaacta 600
gctgctatgt gcaaacagcg tccatttttt catattagag gtggaacctc aagaatgact 660
ttattcttgn atctcatctc aaaatattaa taattttttt nccaaaaaga tgggtatatac 720
caagttaaag acagggtatt ataaatttag agtgattgnt ggatattacc ggaaa 775

```

```

<210> 3383
<211> 1044
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(1044)
<223> n = A,T,C or G

```

```

<400> 3383
naacgcnnng tacttgttct ttttgcagga tcccatcgat tcgaattcgg caccagcccc 60
ggtcgtgtag cggtggtata ctacgggtcaa tgctctgaaa tctgtggagc aaaccacagt 120
ttcatgcca tcgtcctaga attaatccc ctaaaaatct ttgaaatagg gcccgtattt 180
accctatagc accccctcta gagccaatan annaantnat nntnnnaanc ncnnnanct 240
ananaanctc nancctttan aactntnnng agtctntntn annnnnatnc anacatgntc 300

```

ncatacaten	cttatttttg	nccnnn	cctnnanngc	ncnnnnanan	antntt	360
ntcaaattnn	nnnnennnecg	nnnnntc	nnnccatnnc	nnnnennnttc	taaatnnc	420
nnntnctac	nnntccnntn	enttnnaann	ntccnccncc	ntnnnngnnn	netnnennnt	480
tnnntnnnn	nnnnnnnnnn	ntctnnccncc	cnnnnentcc	nnnnnnnncc	nnntcnnc	540
tncnnnnnc	ncnctnntn	tnnccnnnncc	nnntnnnnnn	nnntnccnnc	nnntnnnnnt	600
nnnnnnnnnn	ncntnccnnnn	nnntnnnnnn	nnnnnnnnnn	tnnnnnnnnn	nnntnnnnnn	660
nnnccnncn	nnnnnnnnnn	nnntnnnnnn	nnntnnccnn	tnnnnnnnnn	nnntnnnnnn	720
nnctnannnc	nnnnnnctnt	nnnnnnnnnn	nnnnctnnnn	cnntcnctct	cncccnntn	780
tatcnennna	nnnnnttncn	nnnnnnnnnn	nnnnctnnnn	ntcnnnnnnn	cnnnnnnnn	840
nnntnnnnnn	cnntnccnnc	tnnccnnnnnn	nnnccnnnnnn	nnctnnnnnn	nnnccnccct	900
nnnnntnctn	nnnccnnnnnn	nnnnnnnnntn	tctcnctnnn	cnntnnnnnn	cntnccnctac	960
ncnctnnccn	cnanccnnnn	tncatnnctn	nnntcnctnt	tacctttaen	ncnccnccncc	1020
cttnccnntn	acncaatncc	ncct				1044

<210> 3384  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 3384						
tcaacagctg	gctactcggt	ctntntgcag	gatcccatcg	attcgaattc	ggcacgagca	60
gccttggtga	cagagcgaga	ccctgtctct	aaaaataaaa	taaataaaat	attgtgagtc	120
tctgatgggg	agcagtattg	catgggtggt	gagaactgag	gctctgatgt	tagaactgga	180
ttctgactta	acccactggt	tgcccacatc	ttgagccttg	gtttccctat	ctgtaaaatg	240
gcagtattct	cgggctggct	gaggaaagga	aatgaggcca	ggcgcggtgg	ctcaggcctg	300
taatcccagc	actttggcag	gctgaggcag	gtggatgatt	tgaggccagg	agtttgagat	360
cagcctgacc	aacatggcaa	acccccgcgt	ccactaaaaa	tagaaaaaaa	tagctgggca	420
tggtggtgca	cccctgtagt	ctcagctact	tgggagacag	aagcaggaga	attggttgaa	480
cttgggaagg	ggaggttgca	gtgagctgag	atcgaccac	tgactccat	cctgggcgac	540
agagcaagac	tgtctcaaaa	taaataaata	aataataaaa	taaagttaaa	aaanaaaaaa	600
aaaaactcga	gcctctagaa	ctatagttag	tcgattacg	tagatccaga	catgataaga	660
tacattgatg	agttcggaca	aaccacaac	tagaatgcan	tgaaaaaaa	tgctntattt	720
gtgaaatttg	tgatgctatn	gcttttattt	gtaaccatta	taagctgcaa	ttaaccagtt	780
aaa						783

<210> 3385  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 3385						
tcaacagctg	gctactcggt	ctntntgcag	gatcccatcg	attcgaattc	ggcacgagca	60
gccttggtga	cagagcgaga	ccctgtctct	aaaaataaaa	taaataaaat	attgtgagtc	120
tctgatgggg	agcagtattg	catgggtggt	gagaactgag	gctctgatgt	tagaactgga	180
ttctgactta	acccactggt	tgcccacatc	ttgagccttg	gtttccctat	ctgtaaaatg	240
gcagtattct	cgggctggct	gaggaaagga	aatgaggcca	ggcgcggtgg	ctcaggcctg	300
taatcccagc	actttggcag	gctgaggcag	gtggatgatt	tgaggccagg	agtttgagat	360

cagcctgacc	aacatggcaa	acgcggt	ccactaaaaa	tagaaaaaaa	tgggca	420
tgggtggtgca	ccctgtagt	cgctact	tgggagacag	aagcaggaga	atgggttgaa	480
cttgaaggt	ggaggttgca	gtgagctgag	atcgaccac	tgcactccat	cctgggac	540
agagcaagac	tgtctcaaaa	taaataaata	aataaataaa	taaagttaaa	aaanaaaaaa	600
aaaaactcga	gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	660
tacattgatg	agttcggaca	aaccacaac	tagaatgcan	tgaaaaaaa	tgctntattt	720
gtgaaatttg	tgatgctatn	gcttttattt	gtaaccatta	taagctgcaa	ttaaccagtt	780
aaa						783

<210> 3386  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

<400> 3386						
caacgctngc	tacnngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcaaa	60
gaggtacaga	gtgaagacag	tgctcctctg	tttggtattg	catggacgat	cacggaaatc	120
atccgttact	cctttttatac	attcagtcct	ttaaaccatc	tgctttacct	catcaaattg	180
gccaggtaca	cacttttcat	tgtgctgtac	ccaatgggag	tgtcaggaga	actgctcaca	240
atatatgcag	ctctgccctt	tgtcagacaa	gctggcctat	attccatcag	tttaccacaac	300
aaatacaatt	tctcttttga	ctactatgca	ttcctgattc	taataatgat	ctcctacatt	360
ccaatttttc	cccagttata	cttccacatg	atacaccaga	gaagaaagat	cctttctcat	420
actgaagaac	acaagaaatt	tgaatagttc	ctgctttctg	cacctccac	caaaacaaac	480
ttttcaatga	tcaaaaaatg	ctgcagattt	tttgagttcc	caatacgttt	catagaaaat	540
aagtaagaac	tattttttaa	atattcaaac	aaaactaaaa	caaaaatcca	gtgtcacatg	600
ggcctgagat	tttatttttag	aaaaagggtg	ttacataaaa	caccttgcc	agttcatttc	660
agcatgctct	ttcaaccaga	agttcttaat	atttatgatg	gcactagaaa	gggatttggc	720
attttatgtc	cttctgtgtc	cttcatgtat	ctgatcaatg	aagacctgta	ccactaan	778

<210> 3387  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 3387						
catanagntc	ttgccttttt	gnaggacnct	cgattcgaat	tcggcacgag	ccccatctt	60
cactggttat	tcactttatt	taaaatgtcc	agaataagca	aatctccata	tagaggaagt	120
agattagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtctttc	ttttgcagtg	180
ataaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	tgcttaagac	240
cattgaatta	cacactttac	gttggtgaat	tgtatggatg	taaattatag	ttcaataaca	300
tagttacaaa	agataatcaa	aagcatgaaa	gcactgttga	tgtggnttgg	atctgtgtcc	360
tcaccgagtc	tnatgttgaa	atgtaagccc	cctgggtggga	ggcgatggga	ttatggggca	420
gantcctcac	aaacgggtta	gcccaccgc	tcaggctgtt	ctcctgatat	tgagtccctca	480
tcacatctgg	ttgcttcaaa	gtgtgtggng	ccttccctct	atctcctact	gctctggcca	540
tataagangt	gcctgcttct	ccttcgcctt	ntacatgatt	gtaaagtttc	ctgagcctcc	600
tagaacnaaa	gctgctngnc	tttctgtcca	tctacangan	cgtgagccca	attaaacctc	660
tttttttttt	ttnnagggnn	ntttntntnc	nntccnnnca	ntttnanann	cctngnanng	720



gttttnaaaa anaananngn nnnnnnn ncccccnngc ctttttaaaa tnaaa

776

<210> 3388  
<211> 780  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(780)  
<223> n = A,T,C or G

<400> 3388  
tatacatata gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt 60  
gccatcttgc tatgtttccc aggetggttt tgaactccca gcctcaagca atcctccctt 120  
tccgcctcag cctcccaagt ggctgggggt atgggcctga gccactacac agctaagagt 180  
gtcttgtatg tgctaattgag atggctgggt tctgagagcc cctagagagc ttcaagatgg 240  
gggctagtct ttagaaaagtc caagcaatgg ctaggtatgg tggccactgc ctgtaatccc 300  
aggagtttgg gaggccaagg tggacagatc acctaggagt ttgagaccag cctggccaac 360  
atggcgaaac actgtctcta ctaaaaagac aaaaatttagc aagacaaaaa ttagctgggc 420  
ttggtggtga gttcctgtag tcccagctac ttgggagggt gaggcaggag aatcacttga 480  
acctgggagg cagaggtttc agtgagctga gatcatgcca ctgcacacca gccgcctggg 540  
tgacagagca agactccatc taaaaaacia aaaaagtcac gattagaggg ttggaacttt 600  
cagcctttcg gcctctgctt cttgtcccca cctntgggca naaggggaagg gctagagatt 660  
gaattatncc aatggccaat gatttattta atcaatatga aaccttcata aaatccccta 720  
agtataaag ttcanagagc tttcaagttg gtaaagcttt tctangtgct tgggaagggn 780

<210> 3389  
<211> 815  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(815)  
<223> n = A,T,C or G

<400> 3389  
gnncnntnt atacatcagc tcttgtcttt gcggtccctc gttcgattcg gcacgagtaa 60  
gaatccccac ccccatcaat tttcaggaat gggatgggtc agtaaggata acctttgtta 120  
ggaaaaacia gacactctct gctgcattta aatcaagtgc agtgcaacia ctcttggaia 180  
aaaactacag aattcactgt tcagtccata atattataat accagaagat ttcagcatag 240  
cagataaaat acagcaaate ctaaccagca cagggttttag tgacaacggg cccgttccat 300  
ggacatagat gacttcatca gattgctaca tggattcaac gcagaaggta ttcatttttc 360  
ctagggtattt ggaaaacaga aattttcaag gtcaagaaaa gaaatgaatt ttgtattttt 420  
tgtattttgag aagataatgc ttttgcttta ctgagacatt atttacttga ctatttttgg 480  
ttcaatacta ctactggtgt caccatttat gattctgaat ttaaagttgg gaaaggtcta 540  
agtatcaaag tttttaatat ataatgctgg tccaatctat tcataataat cttcaaggtc 600  
agggagcccg cagagacca ccaacttttn cacttatcat ttctaacagg ttattggata 660  
aagaangtan ctcttctatt taccgggnat atacctgna aggccttntt tnnngncctt 720  
tagctctggt tcctcnggt aattaaaaaa ggttaaaaaa atggaaaaaa aaaaaaaaaa 780  
aaaaaactcc gngggcctnt agaacttttt gggggg 815

<210> 3390  
<211> 857  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(857)  
 <223> n = A,T,C or G

<400> 3390  
 tcaacngctt ggctancgtt ctctttgcag gatcccatcg attcgcgtct canacaannn 60  
 aagtatncta cccatccaca ggcagcagac aaggaagtac cttctgtgac tgnctggcaa 120  
 ggtcagaggc atnaggggaag gtaaantact gnaactatat tnntaaaaat aaaagtattc 180  
 cctttatgag tgtgaattac gaatcaatgc cccttctcac tactttttgt gaaaaaaatt 240  
 accactnctg cancaagtct atgcctgggt aaccaccaac ccnccaaanc cnagaagaag 300  
 nccccctttt cgggcntntg gaaggctgga gnancattng natntnggcc aacnggnccn 360  
 taaantggng aantnaccba ctttcctttt acaancgggt ggcntcntna naccancaca 420  
 aattntntgg cacccggtgn ctctnnacag gnaaccctgn naancaaana aaccntggng 480  
 tctgactcn ngnggccan ntctnccgc ttgntntaaa atgactntgn cntncctttt 540  
 ttaaaattca caaatntttt anccnctaca tanacatatg aagtgagnaa ccncanann 600  
 gaanattnan aaaacntccc agccncttt taactactan tngagnnctn tttaatnttc 660  
 tnatccccnn aannttggtg atggangccc attcgttttn cacccttttg ganganaatc 720  
 ccnccacct tcctnaataa tctnntcnga ataaaaaaaa cccccctcat attattcnnn 780  
 caanaaantn tttnnmanna cnnccanggn gggtccntt tttngcccn cnccttttna 840  
 nncacntcn ntanaaa 857

<210> 3391  
 <211> 857  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(857)  
 <223> n = A,T,C or G

<400> 3391  
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 ggtcagaggc atnaggggaag gtaaantact gnaactatat tnntaaaaat aaaagtattc 180  
 cctttatgag tgtgaattac gaatcaatgc cccttctcac tactttttgt gaaaaaaatt 240  
 accactnctg cancaagtct atgcctgggt aaccaccaac ccnccaaanc cnagaagaag 300  
 nccccctttt cgggcntntg gaaggctgga gnancattng natntnggcc aacnggnccn 360  
 taaantggng aantnaccba ctttcctttt acaancgggt ggcntcntna naccancaca 420  
 aattntntgg cacccggtgn ctctnnacag gnaaccctgn naancaaana aaccntggng 480  
 tctgactcn ngnggccan ntctnccgc ttgntntaaa atgactntgn cntncctttt 540  
 ttaaaattca caaatntttt anccnctaca tanacatatg aagtgagnaa ccncanann 600  
 gaanattnan aaaacntccc agccncttt taactactan tngagnnctn tttaatnttc 660  
 tnatccccnn aannttggtg atggangccc attcgttttn cacccttttg ganganaatc 720  
 ccnccacct tcctnaataa tctnntcnga ataaaaaaaa cccccctcat attattcnnn 780  
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 nncacntcn ntanaaa 857

<210> 3392  
 <211> 956  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(956)

<223> n = A,T,C or G

<400> 3392

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tnaantnntt	ngnnnccng	tnttantntt	ttctaacnet	ggggaatcgc	ntctnngnag	180
gancntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	ataatcaacc	ttaagtattg	ttaactttat	gtaatagcat	ttgggttggg	300
gattggtgtg	ttttcggttg	tacatagcat	agttgaatta	tgtaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aaatgtgtat	gagttcaagt	420
tgacaaggag	tggatnnggg	atggttgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgt	tcctaaanga	gaataacatt	540
tgagtcangn	gggctgggga	aaggcanacc	cacccttaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangcnga	aaacntgaaa	aggctagaca	660
ggccttttagc	cctctcagcc	ctacatcttt	ctcccgtgct	tgatgnttc	ctgncctcaa	720
acnccanact	tcaagtnctt	cancttttgg	gacttgaacc	tggtctcct	tgntcntnaa	780
ntttgnatca	cnggcttata	tgngnggnac	cttanengtt	nagttcnaat	acctccnaa	840
ttaaacncnc	ttttctntac	ananactccc	netnaattcg	naccntnta	naantnatag	900
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<210> 3393

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 3393

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gattaagtaa	cacagtgtat	gatattagtg	gagtagagg	aaagatccat	gttagagata	180
gcttaagata	gggattagat	gaattgagg	caatgactaa	agatactgct	tgcaagaaaa	240
ctggctgaga	atgagaggaa	aatcttagtt	gcttggcggg	agggggtttg	tggttgtgaa	300
agatagtttt	gtttaatctt	agtcttaaat	ttaaaaccaa	gcagcaagga	tctagctgag	360
agaataattg	aatacattaa	tataggagga	cagacaaaga	tcctgaaaag	gctgggagaa	420
gagcatccaa	agcacagggt	gagagacaaa	aagggttagg	ctgctggcag	ctgtggagag	480
aactgtacgt	ggtaaggggg	agatataaga	tgtcctgcat	aagtattttc	cctgtagatt	540
gcaaagtcac	ctatggagag	gaaaggtcca	aaatagtcac	tggggagagc	aggtgaatta	600
gatggccaag	caggggtgat	ggatcatttg	aggtttgggg	tgacagatca	actgagatcc	660
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<210> 3394

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3394

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agctgtataa	tctcttctcg	atcttgatg	ctactcaggt	ggaagtgaat	ctcttggtg	180
aaactccaga	aggacaagtt	gtctgttttg	atgccaagat	aaactttgat	gacacgcag	240
aattccgaca	aaaagacata	tttgctatgg	acgacaaatc	agagaatgag	cccattgaaa	300
atgaagctgc	caaatatgat	ctaaaataca	taggactaga	tggaacatt	gcctgctttg	360
tgaatggtgc	tgggctcgcc	atggctactt	gtgatatcat	tttcttaat	ggtgggaagc	420
cagccaactt	cttggatctt	ggaggtggtg	taaaggaagc	tcaagtatat	caagcattca	480
aattgctcac	agctgatect	aaggttgaag	ccatccttgt	caatatattt	ggtggtatcg	540
tcaactgtgc	catcattgcc	aatgggatca	ccaaagcctg	ccgggagcta	gaactcaagg	600
tgccccgtgt	ggtccggctt	gaaggaacca	acgtccaaga	ggcccagaag	atactcaaca	660
acagcggact	ccccattact	tcagccattg	acctggagga	tgcacg		706

<210> 3395

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 3395

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caactgctgt	gcacgcctgc	ccaatgatcg	tagcagtcag	cgagtgacg	tgggctggcg	180
cttgtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcgttatgc	240
ctatgtactc	ttctaccgcc	ggcggaactc	tcctgtggag	aggcccccca	gggcaggtca	300
ctctgagcac	caccagacc	taggccctgc	agctgaggct	gctgccagcc	agggactagg	360
ccctggccag	gcccccgagg	tggccccac	gcgacagcc	cctgaacgct	tgcccccccc	420
tgtggatcgg	ccagccccca	cctacagcaa	catggaggag	gtggattagc	aggtccctgg	480
ctgatggggg	ggactggggt	tgggacaccc	acacagaggg	ccagctcctt	gccgcttctc	540
cttctctaac	ccagaggaca	ctggctctgt	cagtgggaag	ctgaggggta	tgatttgggt	600
gtggagacct	ctcaggttgg	gacttcttgt	cagcttggac	ccctgaccag	tgggctttgg	660
cttctccagc	cgccttcagt	gctgcgtgat	ttgattctg			699

<210> 3396

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 3396

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attcacctgg	ctgtcaactt	cttgggtgtca	ttgtcaga	aaaactggca	gaatgtccgg	180
gccttatata	tcaagagcac	catgggcaag	ccccagcgcc	tatattaagg	cacatttgaa	240
taaattctat	taccagttaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaanann	naanaataan	cntantncnn	360
nnanttnatn	ncnancttct	ccatntacna	nnannttant	nactacannt	cncatcnunc	420
ttatcttcta	ataccnaccc	ncnnatntna	ccatctaccc	tntnctcaac	cntccnctn	480
natnctcttn	ntcncccn	ncaccctcnc	nentcnantc	ctntatannt	ttctccctc	540
ncctcgnn	ctnngtnt	tntctactgt	tntctntnta	nnctctcttc	tctnnctctc	600
ntnnctntct	nnancntnt	tnnccnctn	gctcnncnct	ctnncttctc	tatcttcccn	660

tnctcncacn	ctctcatgca	aacnnt	cncctcncnca	ncnattngac	tatctnn	720
atctntctgc	atcactnanc	nnntnnc	ttctctctac	cncantctc	ttcnnnnnt	780
nnnnnnnnnn	cttatnacnn	nnnnnnntnt	ntnnnnactc	nnntntntann	nnntnncann	840
nnnnnnntc	tnnnnnntnn	ntnctntnn	nnncttntnt	nnntaccnaa	nnnnnnnnnn	900
nnnnnnntna	nnnnnnnatna	ntnnncatncn	ctcacntatn	nnctctcnnn	nanannnnnc	960
nnnnnnntnn	nnnnnnntc	cttnacatac	ttctctatctn	nnnnnaccnc	tacnancanc	1020
nnnnnnntnt	nnnnnnntana	cnccttntnn	ntnnngctct	cnnnnnnncac	nctnttctnn	1080
nnnnnnntctc	ttccccngnc	naac				1104

<210> 3397

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3397

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ttgcagggat	cccatcgatt	cgaattcggc	acgaggaatc	accctcggt	gggaagtcag	120
ttcgnnctct	cctctcctct	cttnttgntn	gaacatgggtg	cggactaaag	cagacagtgt	180
tccaggcact	tacagaaaag	tggtggctgc	tcnagcccc	agaaaggtgc	ttggttcttc	240
cacctctgcc	actaattcna	catcagtttc	atcgaggaaa	gctgaaaata	aatatgcnn	300
aggaaccccc	tttgcggtgc	cccaactccc	aagtggcaaa	aaggaattgg	agaattcttt	360
aggttggtccc	ctaaagattc	tgaaaaagag	aatcatattc	ctgaanaggc	acgangcagn	420
ggcttaagaa	aancaaagag	aaaagcatgt	ccttttgcaac	ctgatcacac	aatgatgaa	480
aaagaataca	actttctcat	tcatntntgn	ataacgnctc	cttggtttacc	ctggtattct	540
agaatgtaaa	tttacataaa	tgtgtttgtt	ccaattagct	ttgttgaaca	agcatttaat	600
tnaaaaantt	acgttttaaat	ttagatgttc	aaaaggagnt	gngaaatttg	agaatnngta	660
agactaatta	tggnaaactta	gcttagtatt	caatataatg	cattgggtggg	gtttctttta	720
cccaaattaa	gggtgtctagt	tctttgttaa	aatcaagnca	tttgcatctg	tggttctaaa	780
tacaagtatt	gttgcntttg	agaattgctt	a			811

<210> 3398

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3398

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tccgcggagt	cattaaactc	ccacagtggt	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tgagggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttggtga	cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcaggttgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttattttacat	480
tataaatatt	aactgggttt	atattgntaa	gacaaaacac	tggtaaaaag	ttcaaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttggtataa	gcatcaagaa	600
ctcctttttc	tgaaacgttc	ctnctttttt	agtgccta	taataactt	acttaccng	660

gannnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn aaaaactcgg ttataaat  
ataggggggnn gnnttacnna ccaann

720  
749

<210> 3399  
<211> 810  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(810)  
<223> n = A,T,C or G

<400> 3399  
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tctctgtctc atttaaatca agtgcagtgc aacaactctt ggaaaaaac tacagaattc 180  
actgttcagt ccataatatt ataataccag aagatttcag catagcagat aaaatacagc 240  
aaatcctaac cagcacagg tttagtgcac acgggcccgt tccatggaca tagatgactt 300  
catcagattg ctacatggat tcaacgcaga aggtattcat ttttcctagg tatttgaaa 360  
acagaaattt tcaagggtcaa gaaaagaaat gaattttgta tttttgtat ttgagaagat 420  
aatgcttttg ctttactgag acattattta cttgactatt tttggtcaat actactactg 480  
ntgncaccat ttatgattct gaattttaaag gtggaaagg ctaagtatca aaggttttta 540  
tatataatgc tggncacaatc tattcataat aatcttcaag gtcaggagcc cgcagagacn 600  
cncaactttc cacttatcat ttctaacagt ttattgnata aaggatggta cctctttcta 660  
ttttaccngg naatatacct ggaaagggcc ttcttttang gnccttttaa cctctgggtt 720  
ccctcccggg naattaaaaa aaggttttaa atntttgaaa aaaaaaaaaa aaaaaaaaaa 780  
cctcgggggg cctttttaaact actttttggg 810

<210> 3400  
<211> 780  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
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<223> n = A,T,C or G

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gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa 180  
agaaaatctt tcactttcna aattagtcta tacaaaaaa aangaaaatc ttaccccaaa 240  
tnanagactg aggcattgagc ttcaatcaat cgangtttac tggccnagt tngagcntgc 300  
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc 360  
aggaggctca anatttgtac atttctttaa anggganaag acagtgagge anatggttat 420  
gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa nataggggtga 480  
acactgnaag ancaggggagt gacataanaa ccaattatgc nacacgtctc atgttacgtg 540  
gaggaatgan gntctcatct tatccttggt ctgcccctgn gcagataaac ttgttattga 600  
cattgtcagt ntgaaattta acagactttt gttttangag ttaagtttan ggtgcacacc 660  
taanatgcac ttggcatgtc ctttgtttnt tggaggatat ncatnctgaa ggtttagggg 720  
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt 780

<210> 3401  
<211> 780  
<212> DNA

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<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3401

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gagtttgtct	taatctggag	tggaggaaac	ttctgngtca	ccnaacacag	aaaccatcaa	180
agaaaatctt	tcactttcna	aattagtcta	tacaaaaaaa	aangaaaatc	ttaccccaaa	240
tnanagactg	aggcatgagc	ttcaatcaat	cgangtttac	tggccnnagt	tngagcntgc	300
ccagnaaagc	aacacaagtc	aaagaaacgt	ctgtggcctg	tgctctccca	aaaagttttc	360
aggaggctca	anatttgtac	atttctttta	anggganaag	acagtgaggc	anatggttat	420
gtttttgtga	gactcttant	tagtggtccn	tgaatctaaa	ctntntggaa	nataggggtga	480
acactgnaag	ancagggagt	gacataanaa	ccaattatgc	nacacgtctc	atgttacgtg	540
gaggaatgan	gntctcatct	tatccttggt	ctgccccctgn	gcagataaac	ttgttattga	600
cattgtcagt	ntgaaattta	acagactttt	gttttangag	ttaagtttan	ggtgcacacc	660
taanatgcac	ttggcatgtn	ctttgtttnt	tggaggatat	ncatnctgaa	ggttttagggg	720
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<210> 3402

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3402

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gagggagact	ggggagaagg	gaaaagagag	aaggcagggg	gagtagggag	agaaaacctt	180
ccagcagccc	agtaaactgc	gggcgaagag	atctaccctg	ctccctccct	cccacagtta	240
ccattggcct	tgtcatcgca	agcatttgac	aaagacttgc	ttgtttgggc	ctgtcacctc	300
ctgaaaggct	gcttttagctg	tggatgccct	tgattaaggg	agagagcgcc	taggagctgc	360
ctgccccanc	tggggtgacg	gctgtagggc	tgggtctatg	ttgcaagccc	tatatcctan	420
catgcagtgg	aaagtgttta	gctctctccc	tcctgacctc	tgggcagcca	gtcatcaaag	480
cagagagacg	tggcggcatg	tgggcagcat	gccaggttc	cttgctgact	cagcacttat	540
ttctgtagtt	ttaaaaaaga	atttaatggt	tttggttgta	tttttttggg	ggggtgaggg	600
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gaaaacacgt	tgtgcctttg	taccatttat	aagatggtca	taanacccaa	gaactgataa	720
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<210> 3403

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

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gggagactgg ggagaaggga aaagagagaa ggcagggaga gtagggagag aaaacccttc      180
agcagcccag taaactgcgg gcgaagagat ctaccctgtct cctccctcc cacagttacc      240
attggccttg tcatcgcaag catttgacaa agacttgctt gcttgggcct gtcacctcct      300
gaaaggctgc tttagctgtg gatgcccttg attaaggag agagcgcta ggagctgcct      360
gccccagctg gggtagcggc tgtagggctg ggtctatgtt gcaagcccta tatcctagca      420
tgcaaggaa agtgcttagc tctctccctc ctgacctctg ggcagccagt catcaaagca      480
gagagacgtg gcggcatgtg ggcagcatgc ccaggttcct tgctgactca gcacttattt      540
ctgtagtttt aaaaaagaat ttaatgtttt tggttgtatt tttttggggg ggtgaggggtg      600
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aaacacgtgt gcctttgtac ccattataag atggtcataa gacccaagac tgataagctt      720
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<210> 3404

<211> 779

<212> DNA

<213> Homo sapiens

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<222> (1)...(779)

<223> n = A,T,C or G

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attgccgccg tggacacaga ctccccccga gaggtctttt tccgagtggc agctgacatg      180
ttttctgacg gcaacttcaa ctggggccgg gttgtcgccc ttttctactt tgccagcaaa      240
ctggtgctca aggcctgtg caccaagggt cgggaactga tcagaacat catgggctgg      300
acattggact tcctccggga gcggctgttg ggctggatcc aagaccaggg tggttgggac      360
ggcctcctct cctacttttg gacgccacg tggcagaccg tgaccatctt tgtggcggga      420
gtgtcaccg cctcactcac catctggaag aagatgggct gaggcccca gctgccttg      480
actgtgtttt tcctccataa attatggcat ttttctggga ggggtgggga ttgggggaca      540
tgggcatttt tcttactttt gtaattattg gggggtgttg ggaagagtgg tcttgagggg      600
gtaataaacc ttcttcggga cacaaaanaa aaaaaaaaaa aactcgagcc tntagaacta      660
tagtgagtcc gtattacgta gatccagaca ttgataaaga tacattgatg agtttgagaca      720
aaccacaact tgaatgcant ngaaaaaaat gctttaattt gggaaatttg gngaagcnn      779

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<210> 3405

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(803)

<223> n = A,T,C or G

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<400> 3405
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ctctgtcctt gctgctggtg gggaaggga gccagatcca gcacccctg gggggccatc      180
gggagtgtgg ctgggggtga aggggctct gtggcaatat ggggttggt agtgtgggtg      240
gcaggccatc cctctaatac ttggaacctc tgaatatggg acctcccaca gcaaagggtg      300
actttgtcat taanaagac tggggtgggt gtggtggctc acgcctgtaa cccagcact      360

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ttgggaggcc	aaggtgggca	tacgagg	tcaagagatc	ganaccatcc	cgaacat	420
ggtgaaaccc	catctctact	aatacaa	aaaattagcc	gggtgtggtg	ggcacct	480
gtcgtncac	tctaaggagg	ctgangcacg	anaatggtgt	gaacccatga	ggcacanctt	540
gcantgagcg	aanatcgcac	cactgnacgc	actncaacct	gggtgacaga	gcgagactcc	600
gtctcaaaaa	aaaaaaaaatt	tcaagactgg	agaggtnatc	ctgaattgtc	cagctacncc	660
ccatgtnatc	acagggcctt	catgacaggg	ncagagccac	canttttgaa	ganncngtcc	720
tncccccnaa	cangcagnct	gganaaactt	ggncangaca	agtaggacat	tcctggagcc	780
tccanaangg	actgggcttt	tnc				803

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

caangctggc	tatcgtttct	tttgcaggat	cccatcgatt	cgaattcggc	acgagcctga	60
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agctctccag	ggggctttct	ccctgactgg	gaagggtgcc	tggtcccta	aaacaatgtc	180
aaagccagtc	ctgctgtttct	ctgttgccag	ggggcaggtc	tgggcctggg	ccaaccacgt	240
ttgttatcat	ggctgctgcc	ttctggacag	ctgccagctc	tgcttgaga	ggttgtggga	300
cctctggatc	cagctgacct	gacaggtcat	ctactcaggg	aggagccctg	tgctcccagc	360
tcagaggaca	gtctgggcca	gaactggaag	gagacatctg	tcccgtcttt	gagtgacaag	420
cccgggacaa	cagccagtgg	gcatacggc	tctccagcac	tccttagccg	gaggatacac	480
agtgatgggt	gcatacctgac	caatgcgaca	accaacacgt	gctctcacia	acccctgact	540
cccgcacttt	ccagtgccaa	agtcaaacgc	tgcttgata	aggagagcaa	agcttctgga	600
actttattta	ctctntcttt	ttaattntct	tttaagagac	tggtcttgc	tatgttgccc	660
aggtgtgtct	tgaactcctg	gcctcaagtg	atcctccagt	ttccatctcc	ctaagactgg	720
gattacaggt	gtgagcccgc	tgtacccgaa	ctttttttgg	tttttgcttc	ncg	773

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

gnnnnnnnnt	ttatttacat	tcagntatng	nnnttttgnt	ntaaatacan	ctcttgttct	60
ttttgcaggg	acccatcgat	tcgaattcgg	cacgagggtc	ctccctgagt	gtcgaggagg	120
acatgagtga	aatgaccagc	gaactcattt	tttataggac	tcggtgaagc	cggattctgc	180
atttccttac	ttgtagactc	attttgtgga	atagagttga	tcgctgtctc	ctccgcaaag	240
cattttaact	cgaataagca	aatgccgcct	ctgtttgaac	gttttggtat	ttacaagaga	300
gaatcatttt	acctaagaga	actaattgaa	ttggcagcat	ccttgaaata	cctccggaca	360
aggatctggg	ggtgggggtg	gaaaagcaac	tgcgaaatag	cagacggaga	aattcctttg	420
gaagtatttc	cgtagcataa	gagctgaaac	ttcagagcaa	gttttcattg	ggcaaaatgg	480
gggaacaacc	tatcttcagc	actcgagctc	atgtcttcca	aattgaccca	aacacaaaga	540
agaactgggt	acccaccagc	aagcatgcag	ttactgtgtc	ttatttctat	gacagcacia	600
gaaatgtgta	taggataatc	agtttagatg	gctcaaaggc	aataataaat	agtaccatca	660
ccccaaacat	gacatttact	aaaacatctc	anaagttttg	gccagtgggc	tgatagcccc	720

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ggcnaacacc cgtttatgga ggattct tctctgagca tcattcttcg ntgcag 780
aaaagtttca gggaatttaa agctg 808

```

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<210> 3408
<211> 803
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(803)
<223> n = A,T,C or G

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<400> 3408
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aagaaagaca ggaaattgag aaagaacgga gagaaagaga gagggagcgt gaaaggggaaac 180
gagaaaggcg agaacgggaa cgagaaaggg aaagagaacg tgaacgagaa aaggagaaaag 240
aacgggagcg ggaacgagaa cgggataggg accgtgaccg gacaaaagaa gagaccgaga 300
tcgggatcga gagagagatc gtgaccggga tagagaaagg agctcagatc gtaataagga 360
tcgcagtcga tcaagagaaa aaagcagaga tcgtgaaagg gaacgagagc gggaaagaga 420
gagagagaga gaaccgagag cgagaacgag aacgggagcc gagagagaga gcgagagagg 480
gaaccgggag cgagaaaagag aaaaagacaa aaaacgggac ccgagaagaa gatgaagaag 540
atgcatacga accgaaaaaa aaaaaaaaaa aactcgagcc tnttaactat agtgagtcgt 600
attacgtaga tccagacatg ataagataca ttgntgagtt tggacaaccc ccacttgaat 660
gcagtgaaaa aaatgctttn tttgtgaaat tttgngatgc tnttgctttt tttgtaacca 720
tttttagctt gcaataaaca agtttnccac caaccanttg cnttcatttt ntntttcan 780
gttcaagggg aagtttttgg aag 803

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<210> 3409
<211> 823
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(823)
<223> n = A,T,C or G

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<400> 3409
tttatataca tcagttcttg cntttttgnt ngactanagc tcttgncttt atgcaggacc 60
ctcgattcga nttctgnncg agtctctctn tctctctctg tgtctctcgg aactggttcc 120
ctgggctgac cggagccggg agaacaacct ggcctcaggg agagagacgc taccgggctt 180
acgccacccc ctctnctcaa cacaagccca aactgctacc cgcgaggtgc aagtaagcgg 240
cacctcagaa gtgtctgcgg gccctgaccg ggcgcaggtg gtggtgcagt gacgagcacc 300
aaggaggcgg cagccgagcc aaaaagagcg tttgtcgccg tctagattac atcacgcaga 360
gcctccagca ncagggcgtg cangcagaaa atataactgt gacaaaggat tttaggagag 420
tggaatatgc ttatcacatg gaagcagagg tctgcattac atttacttga atttggaata 480
atgcaaaata tttgtaactt tntttgttga aaagctaaga tagctnttgt tgtcatcagc 540
ccaccccagt tcttatcata ctccagggtt ctggttgana atcttcgacg gcaagcctgt 600
cttggttgctg ttgagaatgc gttggcgcaa actcaaagaa gtcttgtnaa ccttggttggg 660
ccaaacctta ngaaaacctt ttacttaatt cnaaggaaga agnaaacaca aggaattggg 720
gaagggccaa atagatgatt naccnagttc nttccagact tcttcaagtt caattaactt 780
gtncnaccaa aaaaatcaaa agtggcaacn aatncattgc ttn 823

```

```

<210> 3410
<211> 795

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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(795)  
<223> n = A,T,C or G

<400> 3410  
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tcgattcgat ttgactaaat cattgtttca caactgaata gtcttggtct tttagtagca 120  
atgaaatcct aagctcttga ggccattcac ctgccaacct gaccatactg ctttcaaaag 180  
tcttttctca tcagtagaat ctatttttgt cacttctagt caatgaaaaa tgtaaacttt 240  
taggagagaa tgtttcctag gactcaccca ctccattcaa tgttacatta aaatagtgtg 300  
atcaatcaca atgtccatct ttagacagtt ggttaaataa attatctggg ctttgaaaag 360  
accgtgctgg gcgcggtggc tcttgctgt aatcccagca ctttgggagg ctgaggcggg 420  
cagatcacct gagatcggga gtttgagacc aagcctgacc aataaggaga aaccctgtct 480  
ctactaagaa tacaaaatta gctgggcatg gtggtgcatg cctgtaatcc cactacttgg 540  
gaggccgagg caggagaatt gcttgaaccc gggaggcana ggttgcatg aggtgagata 600  
gcgccattgc actccaacct gggcaacaag agcaaaactc tgtctcaaaa aaaaaaaaaa 660  
aaaaaaaaaac tcgagcctnt aaaactatag tgaggcgtat taccgtagaa tccagacatg 720  
ataagataca ttgatgaagt ttggacaaac cccacctng gaatgcngng naaaaaatgc 780  
tttatttgtg naaat 795

<210> 3411  
<211> 778  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(778)  
<223> n = A,T,C or G

<400> 3411  
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tcttttttgca ggatcccatc gattcgaatt cggcacgaga gtccacatta aaaagaaaac 120  
aaaacaaacc ctaactaact tccaaatggg tctcctgggt cgggggctg agtggccgtg 180  
ccctgggtgt gctgcctgtc tgagcaagct tccctagctg tggaaccccg ggcccctgc 240  
tgccggctct gccttggtgt catgcctgct gcaccccggt ttccactgac gtgccgtctg 300  
tggttatggg gtggtcactg gaatgacggt cactccagac gtcagccggc agggatgcan 360  
caggtgccc gcgcaccggg gctcgggac cctctggccc cacactggca atgatgccac 420  
accttgccat gtccacgctg ttggtcaaac ccctctgtca tgcctcttta aagagaaaag 480  
aagagaaaga tttttttttt taatggcana ccgaaatgga gatctttag cctanatagg 540  
atagtctgac cttctancat agtctttttg gcaaagtatt tgtgttttca gtgtgtggg 600  
aanctgtcct gggggctggg gcgacagata gcacataagc tgttntggg gctgcanggg 660  
ctnctgact ggatgttgtg ggtgttgccn gcttnagaat gtggcnacaa aaagcgtana 720  
ccggggccag gntgcccgc tgagctggct ccnaagntg ggttgntcan cgttattt 778

<210> 3412  
<211> 869  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(869)

<223> n = A,T,C or G

<400> 3412

atttcaaaaa	ctcttgccct	nttaaanacc	tnnecntact	cgatcntnca	cgaggaanga	60
ggacctaggc	acacacatat	ggtggccaca	cccaggaggg	tagtggngag	ttagatttna	120
gagtccaggc	cctaggttgg	gacccactcc	aaataatctc	ctcgggtgtg	gtggtggttn	180
tatanangga	taaataaata	ataaacattn	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	cccccgtttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	anccngcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tggcccacac	tggtnatgat	gccacacctt	nccatgttca	cnctgtttgg	420
aaaaanncct	tttnttttcc	tcttttaaa	agaaaacatt	ganaaaagatt	ttttttttta	480
atgggcccgc	ccnaaaaggg	agatctnccc	ncccttgtat	atnatantnn	tgaccctncc	540
tacnaagang	gcgttttttg	caaaatnatt	ntttnttttt	tcnecnggtg	gtgggggaaa	600
aatttttcc	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaact	ttggaatttt	tntnggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnccccccg	780
ggggccnaan	anttttttnc	cccccttgga	ngccttttan	tttcccccac	aaactttttt	840
tttttccctt	ccaaccnctt	ttattcttt				869

<210> 3413

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3413

nttttattta	catanagntc	ttgccttttt	nnanganata	canctacttg	ttctttntgc	60
aggancccat	cgatttgaat	tcggaacgag	gccacnanca	ggtggggggc	aggacgccnn	120
ggnnctgacc	gcctccacta	gagggnggtg	gccgcggggc	gacctggacc	ttnanmccnt	180
gtccngacct	nccggtgggt	gggtgcgcen	gggagccngc	nacattcctt	nttcttganc	240
agccaaanat	tggagtnena	ttcnncnang	nacnttttnt	tttttnngat	cangagtgtg	300
tncaacgtac	nccctgcct	nngnaagccc	tgantccntn	atggagcctc	nnagagtggg	360
gagcatattg	gggtggggta	atgcactnca	nccaagnnga	atgnacacaa	ngggntcgtc	420
naangnnntg	nggnccct	nacccttac	caccatgtgn	ngntngnctc	tgtggttgaa	480
catcnactn	gtncgcaaan	gganactnac	tntaaaaccc	tttgnacnan	ggtgcnaaac	540
cacagntgtg	ncctgnenca	nctanccatc	naaagaatna	caaaaccncn	tnaggggcng	600
ngggcnannc	ntncccttg	tcnecncctg	tnttgantg	gcctttcggc	ttaaacagtg	660
aggctcanaa	nggnncnaac	ctggggtgnt	aataaaaaga	acnaattaag	anactnttcc	720
ctccncccc	cctttccttg	tngccagggg	gcancaaact	ngattnttga	agcccaanat	780
aaaaaaaaag	cttnataten	nggaaaa				807

<210> 3414

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3414

tntcnttcaa	atngcttggc	tctcgttctt	tctgcaggat	ccctcgattc	ggaaatatag	60
------------	------------	------------	------------	------------	------------	----

agagatgtgg	gatttgaatg	atgaaag	acattttatt	ttacttgaat	ttcttgc	120
ttcactttac	cctccataat	ttgtaca	ttagtgtga	tcaagtttac	gttacat	180
tttgctttcc	taaccattca	gtcaggaatt	aaaatatggc	attgtataac	aactgggaag	240
aagctcatag	tggatataaa	ttagagtaga	taatgggtca	ccttgatagc	ctctgtttac	300
attacttgta	tatgggcaaa	ataattatta	cctatacgtg	tatttaagct	taattttcat	360
ataaacagta	tttttaattct	atgttaaaat	agataatc	taaaagtgtg	atctctaggt	420
agtccttagt	ttattagtac	tgtacttcaa	aaagattttt	aaatagggtcc	ggcacggngg	480
ctcatgcctg	taatcccagc	actttgggag	gctgaggcgg	gctgaatcac	ctgaggtcag	540
gagttcgaga	tcagcctgnc	caacatgggtg	aaaccctgtc	tcaactaana	atataaaaat	600
tagcccgggc	cgtgggtggca	ggcgctgtg	atcccagcta	ctcgggaggc	tgangcagga	660
gaatcacttg	aacccaaggg	gcagaanctg	canttaagcc	aagatcgcat	cattgn	716

<210> 3415

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3415

tttttaana	aancaggntt	cctaantnctt	gtntntnnnga	nacagggtac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgctg	ccaggcatct	gcctccgctg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggaggt	cagttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagnta	aatcagttac	tggacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgat	accataaatg	ggcagtttct	600
gaaatttttg	ataaagcatc	aagaactcct	ttttctgaaa	cgttcctcct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaaatcc	aann	774

<210> 3416

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3416

tntcattcaa	gtncatgnc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgtcctt	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540

caattcatgc	taactttctca	t	agtag	gtaccacagc	agcttccagt	aa	atgcat	600
ttcctttggg	tgctccaact	ct	tnactt	cacangcaac	aaccgttata	t	ctccca	660
ccccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact			717

<210> 3417  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 3417								
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aattcggcac	gagcctgttt	ccaggagata	tgtgtgncca	tcagcagtga	taaaantctt			120
gggcaggagt	tattgcactg	tttgtatgat	cnanaccac	ctnctctgct	ggaaacaagc			180
agcgtgantt	gntcacttgc	ctttcnnagn	cncatttggc	cagntgcttg	nangngaacg			240
gatccacaga	acctcacagc	tatttatgat	ancatctgct	nnattatntc	aagttcancn			300
tgtnnnnacn	tgctgntnna	ggtaannngn	gtntntntca	agntntttgc	aangngatga			360
caaactaatg	tttgaatnng	tcattgataa	ggggcncctn	atactctgga	ncatcnccaa			420
nctgantnng	aagagctgcc	ngnntatctg	ntagtgnctt	gctncttgaa	attnccaaac			480
anntgccntg	ntggaaattc	atnatggctg	gatgtttang	ngnacatttt	ncaantnctt			540
antnnncang	atgatggaat	tcnnncnate	naacatnctn	tncgctngnt	anacttnnna			600
ttactnann	gnctntnttg	cnatnatnng	ncnctctgtg	atcatccatc	atnatctang			660
cntcaagtnn	ctaactngn	ttngaagttg	tngcaccann	ttnt				704

<210> 3418  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 3418								
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gagagggtgg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg			120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc			180
attttagggg	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattctttc			240
tgagagccct	gtcactgggc	agttagcatt	tcacaaattg	cagctctgtc	anaatgaacc			300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg			360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca			420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgttag	atgtgttatg			480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc			540
tgtgaaatct	taattttgac	atatggaagg	gtacacaaaa	taagaaccat	cctttttgct			600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc			660
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<210> 3419  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 3419  
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 gagagggtgg ggtctggcca cataggtacc tctgtggctc tggctctggg ttagacactg 120  
 ttagggacta gcattttattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180  
 atttttaggg ctgtttttatg aagccaacaa gtgaatgtaa aataggctct gcattctttc 240  
 tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc anaatgaacc 300  
 atgaatactt aagaaaagga aagtaggaac agggagcaga gcaaagcata acttgctgtg 360  
 ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca 420  
 ggaacttttt gtaaatgaaa aagttcacia tttggaaaaa acagtgtctag atgtgttatg 480  
 gaaattgtta tcacaaatta ttccactgaa actcaagtat ataagacaac aatatattgc 540  
 tgtgaaatct taattttgac atatggaagg gtacccaaaa taagaacctat cctttttgct 600  
 tgaantgcac ggtggtacca atttctaaaa tangaaacat tangcaaaaa aanatttnc 660  
 ttttnngctt naaantanaa aaanctngnn ctttttaaac tttngngg 708

<210> 3420  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 3420  
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 gactgctcct tcattcccaa gaagaaaaga caagtactgc tacttccaaa actcagacac 120  
 gacttgaagg tgaagtgact cctaattcct tgtcaaccag ctacaagaca gtgtcattgc 180  
 cattaagctc tccaaacata aagctgaatc tcactagccc taaaaggggt cagaaaagag 240  
 aagaanggtg gaaagaagtt gtacgaaggc caaagaaatt gtctgttcca gcctcagtgg 300  
 tgtcgaggat aatgggaaga ggaggatgca acatcactgc aatacaggat gttactggtg 360  
 cccatattga tgtggataaa canaaagata agaattggcg gagaatgatc acaataaggg 420  
 gtggcacaga atcaacanga tatgcagctc aactaatcaa tgcactcatt caagatcctg 480  
 ctaaggaaact ggaagacttg attcctaaaa atcatatcan aacacctgcc ancnccaa 540  
 caattcatgc taactttctc tctggagtag gtaccacagc agcttccagt aaaaatgcat 600  
 ttcttttggg tgctccaaact cttgtnactt cacangcaac aaccgttatc tacgttccca 660  
 ncccgctaata aaacttaata agaattgtct tagaaaaaaa atntnaaaan ctcgact 717

<210> 3421  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3421  
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 ggcacgagag aggggtgggg ctggccacat aggtacctnt gtggctctgg tctgggggta 120  
 gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac 180

tacttgcat	ttanggtctg	ttatgaan	ccaacaagt	aatgtaaaat	ctctgca	240
tcttttctga	gagccctgtc	gggcagt	gagcatitcc	aaaattgcng	gtgcaca	300
atgaaccatg	aatacttaag	aaagggaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggtcattgggt	420
ttgatcagga	actttttgtg	aatgaaaaag	ttcacaaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatnta	anacaacaat	540
atatcgctgt	gaaatnttaa	ttttgacata	tggaaaangtn	accnaaaaaat	tttgaaccca	600
taccttnttg	gcttnaaatt	gcanggtggg	taccnatttt	nttaaaaaatn	annanacctt	660
tnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720
gnncnccttt	ttnaaaacttt	tac				743

<210> 3422

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3422

tcntcgtttn	natncttgga	aatttgnana	tngetaggct	actngntctt	tttgcaggna	60
tcccatcgat	tcgaattcgg	cacgagcctt	ccacgggtat	ttcacagata	tggagagctg	120
gaagcaggga	gtgagtctct	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtggtag	agttcatcca	ccataaaaaca	cacagggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcct	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcataaaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tggtgaagta	ggtgggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggtnagtttt	ggacaant					738

<210> 3423

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3423

ctnntttntt	ttngaancct	tngetcttgt	tctttttgcg	gatcccatcg	attcgtgaag	60
aggagacggt	gacctgggct	ccttatgtgc	ctgaaagagt	ttgagtttcc	tgtaactcc	120
aaatcaacag	tattttcaac	aagaaatgtg	caattgaaat	caagtgtgtg	ttaagtgcag	180
ctaggatttc	cacaggaaga	cacttgcagt	gaacagagtt	atggagcagc	aaaaacacag	240
atctattttg	aaaaagagaa	aacatatgcy	ttgtattttg	cttcaattat	aaaataccat	300
cctctcaaag	gtggttctaa	attacaaagg	actttgattt	ctaggtagat	tctgggtaga	360
gacttccttt	catattgagg	cattaatgac	accttttaac	ctgggaagca	atatgactgg	420
agttgtactt	tgagaagatt	aatcagggtt	ggttgcagaa	tgaaagagaa	gatgaagtca	480
agagattggt	ttagaggctc	tagcagaagc	ttagtcatat	ttcaaaatga	tcaaatatca	540
agaaaaattc	tgagctgcat	aacttgtata	aagtaatttt	cagtgatttt	ttcatggtta	600



tgatnaaaga	actggattta	agaaacc	tttacctgga	ttcaagattt	ttttcct	660
ttgagcctca	tccttaaagg	tttcggga	aaacattaag	gggagccaaa	nattggn	720
tggttgggcn	tgccctnnaa	ttgcctttgg	acttttttaa	ccgggctttt	gnnn	774

<210> 3424  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 3424						
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ttttaataaa	gcctgcaagt	tactaaattg	tagtttcata	aattctgtag	taaagtatca	180
tcttggcagt	gtgccaaagg	tgaaaatgat	gcttttctta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggcctattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtaggggt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcatgtgna	480
atgtgtgccc	agttntgttt	tggaaatggc	agttccttgg	ggtcatgttt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaaattt	ataagattat	cccccgttcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcctggantc	gnngagaaat	cgntccatt	660
cgngngtcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tcnnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnngcc	ncnnangncn	780
nttttccngg	naannn					796

<210> 3425  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 3425						
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ctgtcatccc	gctttggctt	ctcaaagtgc	taggattata	ggcgtgagcc	accatgcccg	180
accagtttct	gcttttatta	aaattgttca	cagttttata	cattcatggt	cattaaaaat	240
gctatttaga	aaagagtttg	ataaaataaa	tattatacaa	aattcgaaga	aaaaagaaaa	300
gagtttctgt	ttcagtcaca	aattaggggt	attgtgatgt	gtatttatga	tgaccattga	360
acaaatgtga	agaatactgn	gaattctatg	actttatcaa	aatcagccac	atcncaggag	420
cttgcagttg	ttgaccaa	gaatgatgac	atagagtagn	tcagatctat	catgtgctct	480
tctatcta	cagtccaata	tttccttggg	cctcaagcca	acattcattt	tttatgtata	540
acccttcttc	atgatntna	aatnttgata	gggtaaactg	ctaagtgtgt	tcacaaatgt	600
agcactttta	aaaggaaaaa	tnnnatggan	agtgaaaaca	acttgccctac	ctataattgt	660
gggtctctaa	tctttctggt	tttaaaaann	aaaantggca	ttgctagggt	tcnnaancan	720
aaaaannaaa	aacnct					736

<210> 3426  
 <211> 736

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(736)  
<223> n = A,T,C or G

<400> 3426  
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ctgtcatccc gcttttgctt ctcaaagtgc taggattata ggcgtgagcc accatgcccg 180  
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaataaat 240  
gctatttaga aaagagtttg ataaaaataaa tattatacaa aattcgaaga aaaaagaaaa 300  
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga 360  
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag 420  
cttgacgttg ttgaccaaata gaatgatgac atagagtagn tcagatctat catgtgctct 480  
tctatctaata cagtccaata tttccttggn cctcaagcca acattcattt tttatgtata 540  
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt 600  
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt 660  
gggtctctaa tctttctggt tttaaaaamn aaaantggca ttgctaggtt tcnnaancan 720  
aaaaannaaa aacnct 736

<210> 3427  
<211> 774  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(774)  
<223> n = A,T,C or G

<400> 3427  
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tcggcacgag cacaaggaga agaagttaat taacattgaa ngatgagaag acatcttgga 120  
agaacttgaa ttgggccttg gaagaagaac agccattcaa atagatagaa ttgtggtagc 180  
aaaggcatag aggtaggaaa gtatagatct ccaggacag tagtcatggg gttggggcac 240  
tgttggaatt taaggttgga aggatatatt ggagcccctt gaatacggta acaaggcaca 300  
ccttgggcag tggagagtta tcagagtgtt tgaaaaggag ggttattgag taaataaata 360  
gactgggtact ttaggaattt taaaatgtgg atcattgtac tactaataac tatttatttt 420  
atatttacta tctactaagt aatttacatg tattttcttg tactgactgt aaaccttctg 480  
gggtgtgggtg ttttaagtgc cattttactg atnaagaaac tgaggcttaa atagttgaaa 540  
taagtcaccc tgtagtgag tggccagaat gacaagtcag atctanggtt tgtctaactn 600  
caaagatna tataaaaata atggatctct ccttttcctt tatgcataaa atatggggag 660  
cnttttttaa tcattaccca tncgattgnc caaaaaata cctttnggga aaactgatta 720  
ttantattcc anaataaatt tcaacggcct gcntngnctn ctttacaact ttnt 774

<210> 3428  
<211> 740  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(740)  
<223> n = A,T,C or G

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<400> 3428
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tgctcaccag atccctgata aattcccatg aagccacctg aaagggtggta aaagcaaggt 180
aaaacgtggg gaaagcaagg taaagaaggt agatttcaca attttgtttt ttaaaaaggg 240
gaatcttccc tgaattcttt gaggtactaa gtacgtgggt taatgcataat tttcattctt 300
gtttagcagtt taaaaataat gtttcagaga ctgtattcac gattgctaaa aagcattttt 360
tctactaatc attgttcatg ggacttaaca atggaagata actgggaaaag cagtaaataat 420
aggaaaccac taatagtgtc tccttcttcc taccctgacc ctctctttgg cttcagaaaag 480
tgacgaggaa aatgtatctt tcacaaaaga aagttatacc acagaangta ctaaaaagca 540
acaactgcct ttggggacag gaaacttaca gaggggatta ttatagaggg ataacatacc 600
gagtttctat ttcaataaga gggaaattgg tttatattct gttcacactt gtttcaaaac 660
cctctcctct aaaagcatgt gttttttgga attcaaggaa tgtaccgttc tttccccaac 720
ccttaaactg ggggtcann 740

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<210> 3429

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

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<400> 3429
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ggcacgagag aggggtgggg ctggccacat aggtacctnt gtggctctgg tctgggggta 120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac 180
tacttgcatt ttanggtctg ttttatgaan ccaacaagtg aatgtaaaat aggctctgca 240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcng ctctgtcaca 300
atgaaccatg aatacttaag aaagggaaaag taggaacang gagcatagcn aagcataact 360
tgctgtgttc canggattha aaaataaatt actgtcnaga gcaatataag ggtcatgggt 420
ttgatcagga acttttttga aatgaaaaag ttcacaactt ggaaaaaaca gtgctagatg 480
tgttatggaa attgttatca caaattattc cactgaaact caagtatnta anacaacaat 540
atatcgctgt gaaatnttaa ttttgacata tggaaangtn accnaaaaat tttgaacca 600
taccttnttg gcttnaaatt gcanggtggg taccnatttt nttaaaaatn annanacctt 660
tnnnnccaaa aatnacttna tnctacaaaa aattttccnc ggnccatggt taanaacctt 720
gnncnccttt ttnaaacttt tac 743

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<210> 3430

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(776)

<223> n = A,T,C or G

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<400> 3430
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tnccgcacga gggcaggggc ccttanagtc ttggttgcc aacagatttg cagatcaagg 120
anaaccacag ngtttcaaag aagcgctagt aangtntctg agatcctngc nctagctnca 180
tnctnagggt aggangaana tggctnnenn aancatgcn gtgctcctat tgctganctn 240
nctgnccaaa ncatgagtc tgggtgatat catcatgaga cccacatgtg ctctgnatg 300
ganttaccac tacttcaaat gctatgagta ctntcagaaa ctntngaact ggtctgatgc 360

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ccntgntann	naacttnntn	gnttggc	ctnnccntnc	tagatcaang	cngcnnt	420
aatcccnnaan	ttcatntgan	agatcan	nngttcctgc	tnggcacctt	agnataa	480
tcccccttttn	gcttgntnaa	acggaantnn	anaaggngtg	tntnnttcna	atcttattan	540
aattcttgtn	attncatttg	ctataatccc	tggagcctgg	atttcctgga	anccgtaaaa	600
cngggcttct	aagcacctta	cncnnttcca	tccttgaaag	nancccccgt	nnncatncan	660
tnagnctnct	antntaant	cntattggag	accctnaana	ttccntttac	atcaaaanggn	720
nggtataana	atntttcngg	nattttncag	ganctgngta	aaattnttat	tntacc	776

<210> 3431

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3431

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atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggtcga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttgttt	gttttgggga	acaggggtcaa	aatttttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatatatt	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3432

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3432

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ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggtcga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttgttt	gttttgggga	acaggggtcaa	aatttttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatatatt	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3433  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

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<400> 3433
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atcgattcga attcggcacg agcagtggct ggataaaaagg atgtgtggga aagaactgag      120
ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa      180
ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac      240
aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa gggttacact      300
gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac      360
aactaaattt tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct      420
gtcttggttg agttggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa      480
aggcaggatt gttcattttg tcttttgttt gttttgggga acaggggtcaa aattttcatt      540
ctgcataagg taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat      600
cttgggaagaa angcaaccat agtaatat ttagagtttct actgnttatt ttttcaataa      660
aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc      720
aaaatantaa t                                     731
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<210> 3434  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

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<400> 3434
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aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa gggttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttt tcttttgttt gttntgggga acaggggtcaa aattttcatt ctgcataagg      540
taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatat ttagagtttct ctgnttattt ttcaataaaa actcangttc      660
tcangtttagc anacatgggt cttaggaagg tagctgnana accaaaatat at               712
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<210> 3435  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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<223> n = A,T,C or G

<400> 3435

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gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttggttg	420
anttgggtga	ttaactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttggtt	gttntgggga	acagggtcaa	aattttcatt	ctgcataagg	540
taggtttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttggaagaa	600
aggctccata	gtnatatatt	tgagtttcta	ctgnttat	ttcaataaaa	actcangttc	660
tcangtttagc	anatcatggt	cttaggaagg	tagctgnana	acccaaatat	at	712

<210> 3436

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3436

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gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgata	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctc	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctcaact	cttgttnact	cacangcaac	aaccgttata	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 3437

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ttgttataaa	gaagtatctc	attggacctt	attatcgga	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgata	ttgggaatat	ctgcctttat	cttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtgggtcac	gaggagatcg	ccacctccat	cgaacccatc	cgcgacttcc	360

tggccatcgt	tttcttcgcc	atagttt	ctcctggcgg	cgctggctct	tctcatt	420
ctgccgagga	gcagccagta	caagtgg	atcgtctctg	cggggcttgc	ggtcagc	480
gagttttcct	ttgtcctggg	gagccgggcg	cgaagagcgg	gcgtcatctc	tcgggaggtg	540
tacctcctta	tactgagtgt	gaccacgctc	agcctcttgc	tcgccccggt	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	ccgtggaaaag	ggaacnctct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 3438						
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ntagacaggg	tttcgccccat	gttggtcagg	ctggtctcaa	actctngacc	tcagggtgatt	180
cacccacctn	agcttcccaa	agtgtctggga	ttataggcgc	gagccacccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatggtgg	ctctntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntacccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	nccttancgt	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnnnacac	ccctctcccc	660
ccnccanta	ncccaanccc	ctcccannac	cccctctccc	ncccaacnct	cacctcnna	720
tcnccccacc	ccactcnncn	nncanncctt	cccccccacc	ccccnnncnt	acnctcct	780
cccactncg						789

<210> 3439  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 3439						
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ctcagatttt	tattttctag	aatgaagata	cttacccccc	aattgctgag	atatttgaat	180
aaaagtatat	gtgaaggatt	ttgtaattat	agaatgtcct	acaaatatga	gtagtctggt	240
tgctactttt	ttggcgaaga	aaaatattgg	gatgcatgaa	taatatctac	ctaaggtagc	300
taaggttgta	ttcatcccat	ttattgaatg	ccaaggatat	accagctact	gctccagatg	360
ttgtattcag	ggaacagaag	aagagtcctt	gtgcccattg	agctaacagc	attctagggg	420
aggaaagatg	ggtcagctga	ctttcacgat	ctcaggtagt	gatgaagatt	gtgaagatta	480
ttacatcang	tgaatgtang	ggtgatttag	agaaagctgg	tagctaggct	gttcaaggaa	540
gggcctctgt	ganaaagggg	atggntggct	ggntgtgggtg	gttcacgcct	atnatcccag	600
cactttggga	ggttgggagt	ttgagaccag	cctgaccagc	atgganaaac	cccgctctta	660
ctaaaaatac	aaaattagcc	cggcatggtg	gcacatgcct	gtaatccagc	tcc	713

<210> 3440  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 3440  
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 gctgcacagt gggaaggcca ctgggctgga agccctaccc atgtcaggga atgtctgggc 120  
 ctcagatttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 180  
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240  
 tgctactttt ttggcgaaga aaaatatttg gatgcatgaa taatatctac ctaaggtacc 300  
 taaggttgta ttcaccccat ttattgaatg ccaaggatat accagctact gctccagatg 360  
 ttgtattcag ggaacagaag aagagtccct gtgcccattg agctaacagc attctagggg 420  
 aggaaagatg ggtcagctga ctttcacgat ctcaggtaact gatgaagatt gtgaagatta 480  
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540  
 gggcctctgt ganaaagggg atggntggct ggntgtggtg gttcacgcct atnatcccag 600  
 cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660  
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3441  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 3441  
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 ggcacgagggc ggcgctgacc cggccggccc cacaccgct cttcctcttc tttgccgagg 120  
 actccctttc ctgcctccaa gacctggtgt ctcctactgt gagcccagct gtcccacagg 180  
 cagtcccat ggacctagac tcaccttccc cttgcctcta tgaacctctg ctgggcccag 240  
 cccctgtccc agtcccgac ctgcacttcc tgctggactc aggcctccag ctccctgccc 300  
 agcgagcggc ctcagccacc gcctcccctt tcttcggggc cctgctgtca ggcagctttg 360  
 cagaagccca gatggacctg gtgcccctgc gaggtctgtc gcctggtgca gcctggcctg 420  
 tcttgcataca tttgcatggg tgctgggggt gtggggctgn nntggggccc gtgccacac 480  
 cangcnance cctgtatggg atcanaggcn cgaagangca ntgnangctg ntggcanntn 540  
 aantactgnc tgggctggaa nangaactnn taaaagtcnt ngcccnatc caccttgga 600  
 ccnannnttn nncnntant cnnnggntn angtggtnnn nctnngggac agntcnntnt 660  
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 ngtc 724

<210> 3442  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)



<223> n = A,T,C or G

<400> 3442

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agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttanngngtc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncc					740

<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3443

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agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttanngngtc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncc					740

<210> 3444

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3444

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gaagcagggg	gtgagtctct	gagtgttgg	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaaca	cacaggtgac	tttgccttga	atctgcagga	240

ctgaagccaa	ctcttgggca	ccctta	gtcccttct	tggccactct	tcagata	300
gtccagagcc	aggccctttg	gtgtgaca	ccgagataaa	tcataaaaaa	gtgaagc	360
ttggggaaca	gagggacttt	tgggtgaagta	ggtggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtggttgg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnttattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagngga	gcctttgtta	cgatanatcn	ngacatgnnt	aagatacatt	720
ggttagtttt	ggacaant					738

<210> 3445

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3445

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gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttgggtg	420
anttggtgga	ttaactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttgttt	gttntgggga	acaggggtcaa	aattttcatt	ctgcataagg	540
taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttggaagaa	600
aggctccata	gtnatatatt	tgagtttcta	ctgnttat	ttcaataaaa	actcangttc	660
tcangtttagc	anatcatggt	cttaggaagg	tagctgnana	acccaaatat	at	712

<210> 3446

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3446

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gttcagcctc	agaataaaag	tgccgttcac	tggctcagtt	acctcctgtg	taccggcatc	180
ttgtgttggg	aatgttcccc	cctncctagg	gaccaaggan	caccctaca	aaaanagtaa	240
ntggttgggt	gatactccct	taagccaaan	aggagctacc	caacctgttc	ttagggaccc	300
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tctggggctc	angtttcttg	gaanacttat	actatcccta	ccctcctnaa	ngcctgnatc	420
agactaaaat	ntgtataant	canngcntgg	gaccctantc	nanggtcttg	ggaagctncc	480
ctnnccnntt	ngggtnccna	nnagcnaaca	ttmntcncaa	gggcncncnt	tatnggnaaa	540
antgtnggnn	cacattcccc	ccttctccaa	aggaangngg	ccncgnatta	acaatnngct	600
anncttttcg	ccattggctn	aaaanccctt	ccccacattt	ccatnatttc	angnttgngc	660
nncattatct	attnctttat	antgnmntgg	tanncncttn	ttnnactcaa	agnnnatcnc	720

ttacctttca cnatcccnca	ttncntg gctccanctg tgnnccnttt	nancctc	780
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<210> 3447  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 3447		
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atttaaaaaac ttgcattggg	tcatgccagg tttattggag	gttataaccct ccaatgtatt 180
tccaactcag ggtaaagcc	aaggtcctta tgggtggaaga	tggggcatat aaactggcat 240
tctggcgctc acacactcca	atatctacta ctctccctc	ttgctcgctc agctgtggct 300
tgcttattca gctttttgct	cttcctggaa tacatcaaac	atatgtaggc ccagggtttt 360
aaccatttta acaactgaac	ttgtaactgc actagttctc	caggtaagca gaagtattag 420
ggttatggac agtttatccg	aagtaataac caggaatgcc	taataaaaaac atgcangtat 480
tgtggtaaaa aatagagttg	gtgaacaagg agttaccttc	tgactgnttc tcttttagtg 540
aagtaggagg caaggttatt	agctaagagt gagatgggta	ggagatgggtg taaattttaaa 600
ggaaaagaat taaggtatga	gatagttggc taggataatg	aanttnntga atggttttga 660
gctaagtngt attaaaatcc	ccttttaggta atagacnatg	aanttcctaaa gcncactta 720
gccaaccctg ggttctttct	tttcttt	747

<210> 3448  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 3448		
ttnnnntcaa cnggacnnct	tttacccttc ccgttcttnt	tgcaggntcc catcgattcg 60
aattcggcac gagatgttgc	ccaggctggt ctcaaactct	tntttntcaa gcaatactcc 120
tgctttggcc tcccaaagtg	ctgggataat aggcattgagc	catcatgcct ggccgaactt 180
attttttaaat tctttgggaa	tctaaaagga ctatgtgctt	tcttttttac tggattatgt 240
gagaagataa tagtttgag	agaaattcag tgaagcagct	gataaaatgc tttaaaaata 300
tatttcagag aattgagcaa	taacagtgat gtcaaaatag	tagccccacc ttctccagcc 360
cacctaaacc aacactgagc	atggacacat gcatttcttg	tcatcagcca gacgaaatgg 420
agtagcaaaa atccatccta	tatgtcattg agtcttataa	tacagttctc ttttctctgn 480
ctattaataa aagacccac	tgaatgaagc cggaattctt	ttaggcaatt taaactttct 540
gaaatagagg aaagttggaa	aggggcggta gtcaaggaat	atagaagtaa aaaatatttt 600
tgaggtcaaa tgcttatctg	aacagattgn ctagtctgat	tattttttaa agtattatgt 660
tgatccagtg gtttaaattt	gaatcaaaag taatgattta	accaaagggt gtgcttccat 720
tattaacctc agaaacacta	agaaaccgaa atcactttt	759

<210> 3449  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 3449  
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 aaaagctgct gctgggcagc cccagctcgc tgagcccctt ctctaagcgc atcaagctcg 120  
 agaaggagtt cgacctgccc ccggccgcga tgcccaacac ggagaacgtg tactcgagct 180  
 ggctcgccgg ctacgcggcc tccaggcagc tcaaagatcc cttccttagc ttcgggagact 240  
 ccagacaatc gcctttttgcc tcctcgtcgg agcacgcccc atattagtgg tccggggccc 300  
 ggcaggccca gctcaaaaga gggcagacgc agcgacactt gttcttcaca cccccccatt 360  
 cggcgtagta cccagagagc tcaagatgtg tggcagtttt cggatggaag ctcgagagcc 420  
 cttaagtctt gagaaaattt gaagccccca ggggtggggg ggacgcgtgc cgcccagtcg 480  
 acgtcagcgt ggtctgtcat cctgctagtt ngtgatgttt tctgacagta gcctncaaga 540  
 acccgttgtg cgaagacaga gtccctgcaga gtccttccag cctagcctgc agcgccattt 600  
 tattttatatt ttttaataaa aagtaaaaaca nnaaaaaacag acccacattg gaacagtgaa 660  
 tcattccata gagaggcccg tggaccatcg ttgtcatgag tgatgcctgg ccttttgaaa 720  
 ccagccnacc taattc 736

<210> 3450  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 3450  
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 tcctttttccc tccccatata aactcaaagt cccctgggccc ccaattcaga gttatgtttt 120  
 ttttggcaca tactagaaag gcagtgcctc agcccttccc tgaatccatg gaggtgttct 180  
 gtttggggct ttttagactg ctgctgctca gctggttgct tgaactgaca gtaggccagc 240  
 ctgttctctg ccattcccta gtcacacctg gcctcaccac agcttgctta gagcaagcct 300  
 tttctcagac cttaggcaca gcctctcctc tttacctgat caatgttaaa tgtaagcacc 360  
 cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata gcctgtgaaa 420  
 tggctagttg atcatttttc cacaaagaat tangtgtaa gagttttcct tcangcttta 480  
 cttangagaa tggactaagc tgaangtgta ctttaccagc aagagtcaac tctagaattt 540  
 cangatgttc cttctattgc ctcttagcca tctgtcagga aatgtaactn tggttttatt 600  
 ttnggctatt ccanggggta agccanaaaa tngnaatgat nattctgatt aatagcagaa 660  
 actttttcat cccaaattat aaggggnctg ctctttttaa aagcntctaa gctaagtcna 720  
 gagcttagga actgtgac 738

<210> 3451  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 3451  
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gagggctctg	accctgcagg	gggcagc	ccagcgggtgc	accatctcct	gagcccc	120
agagctcttc	tctgtgcaga	gactgtgt	catcgatgag	cggactgatg	gggtccct	180
aggctgcgtg	ctatatgcca	tgatgtttg	ggaaggccct	tatgacatgg	tgttccaaaa	240
gggtgacagt	gtggcccttg	ctgtgcagaa	ccaactcagc	atcccacaaa	gccccaggca	300
ttcttcagca	ttgcggcagc	tcctgaactc	gatgatgacc	gtggacccgc	atcagcgtcc	360
tcacattcct	ctcctnctca	gtcagctgga	ggcgtgcag	ccccagctc	ctggccaaca	420
tactacccaa	atctgaaaaa	gcagcatgtt	gagaagatgg	ccccttgtgc	cttggaaga	480
ggttcccatc	cctcattgga	atcaccaccc	attccatcca	ggacttctct	tacacttggg	540
ggtagccggg	gtcaggacaa	tcatctcagt	cctgcattct	ttcttctgct	ttcttccctc	600
caagagcaaa	acctgggcaa	ggggacttac	tgagtggggg	tggtggggg	ttgggaaaag	660
ggaaacnnnt	gggatatggn	acatggntct	nagcaggant	gntgagctac	ntancgtntt	720
gactcnaaan	tnngngagca	gnnnat				746

<210> 3452

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3452

ttntntttcc	ttgaancctt	tttctacann	cncctttgca	gatcccnegt	tcgaattcgg	60
cacgagagac	aaagaaaagg	tggcaatcat	agaagagttt	ntagtaggtt	atgaaacctc	120
tctaaaaagc	tgccggttat	ttaaccccaa	tgatgatgga	aaggaggaac	caccaaccac	180
attacttttg	gtccagtact	acttggcaca	acattatgac	aaaattggtc	agccatctat	240
tgctttggag	tacataaata	ctgctattga	aagtacacct	acattaatag	aactctttct	300
cgtgaaagct	aaaatctata	agcatgctgg	aatattaaa	gaagctgcaa	ggtggatgga	360
tgaggccag	gccttggaca	cagcagacag	atttatcaac	tccaaatgtg	caaaatacat	420
gctaaaagcc	aacctgatta	aagaagctga	agaaatgtgc	tcaaagttaa	caagggaagg	480
aacatcagcg	gtagagaatt	tgaatgaaat	gcagtgcatt	tggttccaaa	cagaatgtgc	540
ccaggcttat	aaagcaatga	attaaatttg	gtgaagcact	taagaaatgt	cattgagatt	600
gagagacttt	tataggaaat	cactgatgac	ccagtttgac	tttcatacat	actgtatgan	660
ggaanattac	ccttagnatc	ttatgggtgg	actttattta	aaaacttnca	nnaatgttcn	720
ttcgacagcc	ttccatttta	acttcnaagg	cnncaangaa	ttnt		764

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3453

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ccgctgggag	tctagaaaga	gaaaatctgt	ttctagacct	cagttatttt	ccattttttg	120
gttgttttga	agcagtaaca	tttttctcag	tgacatgca	atttgggttt	tagagaagat	180
ggccaccagc	tggttctcta	gatattttta	acttttgttc	tttaatatgc	tgtccatggc	240
tgagtttatt	agtacatggg	cttagtgacc	acaaaatatt	ttattaagaa	actgtttcaa	300
aaataaattt	gcactgttca	tttttctggc	ctcgctgttc	tccatagagc	aagggtaatc	360
ctagaaaaat	tttttttttt	ttaaattatg	caacgtaaga	tgctctcctt	gatagaagtc	420
ttagctcctg	tgttacaagg	gagaactcat	ttgagatcag	tctgttggca	ttgcaatgaa	480

gtgcttttga	tcangaaagt	actatt	gacctttttt	cctgttcaca	tgagcca	540
tatgtacata	atctagattt	tttcata	gttttgcact	ttttatagcc	tttttgaa	600
gattaacaca	tttgcaagat	gatntgactc	aatcctttgcc	taatccaaat	gagtgttacc	660
agagagcttg	cntgtgacta	gaacccataa	aattcttaaa	anggggtatg	ttgataatag	720
aagggcnggg	aatttaaaac	cnnggntttt	aaaaaaat			758

<210> 3454

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3454

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cacctttcct	ccagtttcca	ataacacatt	cctcttttcc	acctgagacc	tcaccagaat	120
cacctttaat	gtctatat	ctaccaatag	tcttttttaag	gcaatatagg	ctttctctaa	180
catgcacttc	aaacttcaag	atggagggga	tgccatacaa	caggactatg	tgatggtttt	240
tggctgtgtc	cataggaagt	cacaacaggc	aagggaaga	aaccagaacc	cagtcattgga	300
gttaagaagt	gagtcagaga	gtagatgggt	agggacagt	aggtaaggcc	tctttctaa	360
gaagtttggc	tgaaggatag	actagctgga	cacatgctgg	ctgtgtgggg	tagagggagg	420
aatgatggan	gtaggagag	ccttgagcct	gcgagaagag	tctctagaat	agagaagctg	480
aggttaaagt	tgtggaagac	agtggggata	actgagtga	agataatcan	gagaagaaaa	540
ggagatccag	aatcatgacc	agagagatga	cctttgccaa	gagcacagcc	atctttcact	600
gtcncanaga	gtaggacaa	aacgattggt	gttcaagaat	tgggtttgta	gcacaatatt	660
ttactatgt	cctttaaaaa	agtttctccc	ccagacacta	cccaaagcca	gtcctttcac	720
tacagggggc	cgacagaccn	tgaaaatn				748

<210> 3455

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3455

tctcantnct	aggctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggt	60
attcagcttg	gctggagcag	aggcaggagt	ggggaactgg	ggacaggtga	gactagaggt	120
tggcagaaac	cagccatagt	agtttttgcc	tcatttggac	aacaaggagc	catccaagag	180
agagcgggtga	agctgatggt	gacacagcca	tggcgcat	aaataccccc	agtggctgtg	240
ttgtagggta	tattgggttg	gggagggaca	aggtcaggag	gcatagactc	gacatcatct	300
gatgtgattc	angacagaat	ggcgagcctg	aagtgaagt	tctgtaggat	aagttggaaa	360
ggaagggaacc	aatatgagat	attaaagaag	tgaaagctat	agggtccagt	gccttaataa	420
aggtaaggag	taagagaaga	ttcgagattg	actcccagac	tctccagtct	gctggacatg	480
ggagatggaa	tgaagttga	tctcggnntg	gtcataggag	agcagttact	gtgttgagca	540
tggatagcct	gtcgttcccc	aggagaagga	ntacagcttg	gctggaaatn	ngcaatgcn	600
annttgagga	gatccacctt	ggggtcactc	ctagggggcc	nacccttgna	ncccttgagt	660
agcaatcccc	ccagaaanga	tncaaagggc	ttgannctna	actttaaana	ancnnt	716

<210> 3456

<211> 712

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(712)  
<223> n = A,T,C or G

<400> 3456  
tttacantag tagctctcgt tcttttttgca ggatccatcg attcgaattc ggcacgagat 60  
ttgcttcgag ggtagtgtct tactaaaagt taggaacaga gacctagtgg tgtgtccaag 120  
gccgtgtcac tttcccttc agcacacccc agcttctgac ctcagagccc aggagctgcg 180  
tggaacagtgt ggggtgccag gaggaggggc ggtggctggt cctcaggcac gctgcactcc 240  
cagccagaca tggctcttcc gtttcttaag tagcaagtgt aggtttcagc tggcagttcc 300  
acctgcatgt tctctgcttc gctgccttgg aagggggccac attccccatt cctcttctcc 360  
ttacagcgcc tgctccttt ttcaagcagg cggaaaagctg ctgtttctca cgtttcaggg 420  
agaggggtga gcggaggag acctgtgtcc gtgccgtccg gctccctggg tgggaacagg 480  
caagggatca gatgcccctg acaccacgcc tctggcacac canatgcctc tgcagtcctc 540  
gacagcctct tcagtgtccc tctgcggtg atgtccttac tgtccccagc caaggccggg 600  
gaccggtgtt tcactganga cctgcattag aaacattttt taaattgttg tncaggaaga 660  
gatgtgtctt aaaacagcat ctttaaagct gantgtattt ctttgcacaa ag 712

<210> 3457  
<211> 664  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(664)  
<223> n = A,T,C or G

<400> 3457  
cacgagattt tgccatgtgg caagttgggt tgtggagttg ggcaggtgtg aaagggtaaa 60  
actccacttc tgaatgctgc ttctgcccc tgggacccag cacattgtta gaccatcttc 120  
ttgactgaaa attctctcct gatgctgagc cctgcaccac caccttcctt ttcctaacta 180  
tgaatagatg gcaaagtcca ctcaaaacaa ccagttaagt gctcacgaga gagtagtcaa 240  
gcacctccag aaagaaaccg ggttttttgtt cacatagcan gaagtgactc cctgggtggt 300  
nattnatctt ggaaacacag gtagattggc agaaaaacgg gaacatgtag gtaccgcat 360  
gttgggtgcat gtncattact ttgggatagg ctttctcagt ctttcctcaa atgatngttg 420  
agccagtttt ccagggggca attctgantg acttgcgctt gtcttatggt gtggtcaagg 480  
gactttcana actacngaaa acttttactg anacagctga aacaagagta taccggcntg 540  
agaggggaaga tgaacactca cctatgtacc actcttttga caatnaatnt agtatttctc 600  
aatcaagtc tnnagactga tcctgtctca aaaaaaagc ctntagacta ttattgagtc 660  
cgtn 664

<210> 3458  
<211> 822  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(822)  
<223> n = A,T,C or G

<400> 3458

atcccatcga	ttcgaattcg	gagcca	tgggcggctg	cactcccnac	gggagt	60
gnccagggag	gacttgctca	atggatn	cacaccgacn	gctgaggggg	ctggcta	120
cctnntgtac	catccctgtg	ntacatgct	tgcangagga	cggatggctt	actgnangaa	180
naagccngna	tgcantctg	natgagaaca	caggcaganc	ncctctata	gaaagcctgc	240
tttggnanac	ntnntcatan	agccgagact	ncacntacnt	cacngccttg	gngaanaatcc	300
aactcgagg	gatctatgtc	ttacgttcct	gcaagcgccc	ntggagctgc	ccntgganac	360
gtgtgccagc	cancnagagt	gntggnaag	ccccncnnan	nnaccttcaa	tcatggacag	420
cacnaancgg	ntggntctgc	gcnagangtg	ctgggtaatg	agnttacgtn	caaggttngt	480
atccactaga	gcccgangta	tcatanccnc	caaccacgta	actntgggna	atnnnaatna	540
atccaaagat	ttantngaaa	ctttaattgc	gaccantngt	aagacaccnt	ggtaaatntt	600
agcccaancn	aatgaacncc	tcnngtcttt	gcaattaaaa	taaaatnact	ggcggnntta	660
nctgcccccc	antngccat	ttctnntttt	annaaaacag	gncngttttc	caaccatttn	720
cgnccctttt	tcttaaang	ttgccttggn	ccgnattntt	aaaaantcmn	natnctaaaa	780
tagcccgana	agncttttgg	ancaacnttn	taaccttggg	ng		822

<210> 3459

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3459

ggntcttcna	atgctnggct	ntngttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggtcacct	ccactagagg	gggataaaaa	ggataatagg	aaatcagaat	attttgattt	120
gtagttcaac	tgttgatcaa	ttatctttga	gacttttaac	attcatgact	aaggaggatt	180
aataattaac	atgagctgta	gaattaagg	ttgtatggca	tgataagtat	aaaccagttt	240
tgggaccgct	ataattctaa	aaaagcagg	agactagatg	attagttgta	cacttattac	300
tgctaattct	tgattgtaga	acaaattttc	ctatgaaaac	catgttggtg	attttatatc	360
tctattagtt	cgttaaaagt	ttancagttt	tagatgtcga	accagtaaaa	aacaagttgc	420
ccattctatc	atttttttta	ttgtggtaaa	atatatttaa	gataaaat	acgattttta	480
ccatcttaag	tgtacattgg	tacagtggca	ttggttacgt	tcacaatgtt	gtacaactgt	540
catccctatc	tatttccaaa	gctttttcat	cacccaaaca	gctctatacc	cactaacaac	600
aactccacat	cacccaetcc	ccagccctgg	ttatctctgn	tctactttct	gcctctatga	660
attcggatat	tccagttggn	ncatataagn	nggactcata	taatatnngc	ccttt	715

<210> 3460

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3460

tcttttctaa	tgcttggtc	tcgttctttc	tgcaggatcc	catcgattcg	tcaccatgtt	60
gcccaggcta	gtcttgaact	cctgggctcg	aatgatccct	ccaccttggc	ctcccaaagt	120
gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	catgagtcac	180
gcaatgttct	ggtcctggat	tccaggagta	gaggacctag	ctttaaata	attagtttca	240
gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	caaaactaga	300
gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	gcttgaaact	360
agttcaccta	aagctagatc	tcttaaaacc	aatttactga	aaacttgttt	gcttaagttt	420



aatgacttaa	tgactaattt	aaaagct	caattcctat	tttgggtgtg	atccat	480
ttaggtgtcc	tattcttttt	catgctt	tggatatttc	aaggatttat	tattcat	540
ccaagagtac	ttctgagcta	ttatcagcaa	cataaattta	tcaaatttgc	agcactttgt	600
aaaatgatga	gaatgcttcc	tacctttatg	gatgtctntt	tctatgggat	ctaccattca	660
aaaacttttt	taaaaagttt	aaaagttcta	gcaataaaat	ccaattggta	cagacatttt	720
gggtatcatt	ttttggttct	taanccann				749

<210> 3461

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3461

ccntcatcct	ttttacagnt	tttnaactnt	ttcngcagnn	nccncgantc	cgcnantnca	60
nntggggaac	atcttcttgt	ctgctggaca	cctgatttgg	gcccggttct	ctgccattcc	120
tttctgcaat	tacatgggtt	ttccagctgt	tttgcgcggc	cttggagcac	ccacagaggc	180
ggncctgtct	ggcangctat	gccctgggtg	tgggactctt	cctgcttctg	ctccagcccc	240
tnacggaccc	caagctctac	ggcagccttc	ccntttgtgt	gcttttggag	cgggcagggg	300
actcagaggc	tcccctgtgc	tcctgacctt	tgctcctgga	tacgctatga	actctcaccg	360
gtcctccagc	cctnccanc	aaggggtact	gccanggna	agnggcttgg	cctnggggtcc	420
ccccanaatc	tcanggaatt	tattgnanng	ggganttgna	agccngaagc	tantctacnt	480
tccccagggg	acccaannag	caanagtaag	cnncattttt	cnnaaanggg	tgcnncccc	540
cttntattga	aaagggngtn	gtntntatcc	aangccancn	ttgntnatct	tgnacggng	600
accaacggcg	ccctatgtnt	cccangnaan	cctcancann	accttctact	ttttactcnn	660
actntnttcc	nacctncttn	tncttcnatn	ctttaanttt	ccctctnncc	attnctcnaa	720
aatanaacctt	ctttncagng	gcttnmntnt	nacatcantt	aaataancnc	ttntttcctn	780
aaatacatcc	naaacatcna	accnaacctt	atnccctncg	ggnccttttc	nacacntant	840
tgncacttct	ctatatgcga	actacanant	taaccatttt	tggacanatc	tcggngngana	900
nttattttcta	taatccacac	taatnncann	tacnt			935

<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3462

nttttgata	ctttncctt	ntctcaggcc	tttttgcagg	atccctcgat	tcgccacgac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatttta	agaaaatgta	120
actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctat	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtctgtct	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagctttag	ttttcctttt	600
tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660

acttcaagaa agccgcacag	gatcacc ttctgatggn gtgatgggtgc	tgacatt	720
cnggccgang tctgnattct	gaaaaagan		750

<210> 3463  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 3463		
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ttcgaattcg gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa		120
ttaggagtta gaattttatt ctttggtact aaggaatcat tgaagatttt aaaattaggg		180
ctgacataat cagatttgag tttgggaacc tatagtttgg gactggagga agacagggtgc		240
cagacaccag ttaaaaaagct gttattttct aagcagtaga caaagggtta cactgacaat		300
agctgtggag atagagaaaa gctgcgagat ttcagagttt tccaagggtgt aaacaactaa		360
attttgtgat caaaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg		420
gttgagttgg tggattaact ganattaaca gagctggagg aaatgtaaaa agaaaggcag		480
gattgttcat tttgtctttt gtttgtttnt ggggaacagg gtcaaaattt tcattctgcc		540
taangtaggt tttagtcttt ttcaaaacat tctagtaggc aagtctgtag ctgaatcttt		600
ggaagaaagg caaccattag taatatTTTT tgaagttccc tacctgggta attttttcaa		660
taaaaaactn aggttctcag gttagnaga atcatgggtct taggaaggggt ancttgtaag		720
acccaaaatt atnt		734

<210> 3464  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 3464		
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ggagtagctg ggattacagg catgcaccac catgcctggc taattttnta tactctagta		120
ntagacaggg tttcgcccat gttggtcagg ctggtctcaa actctngacc tcaggtgatt		180
caccacctn agcttcccaa agtgctggga ttataggcgc gagccaccat ggctcancct		240
catgttcggt tttaaaactt aggatgggtg ctcttntaca ttgattggca ggaactcttc		300
atattacgag gcacttagct agntgnctgt gaaatanaat actaatgatt gaactttcta		360
ggaagtgcct attctgctaa tagtgnaaat atacacttat ccagggtcag naatactnna		420
gtntaccac ttaaangatc tagacataca tgaacttggg cttacttgcc cgttanaatt		480
gcatacttta naatagtcca tcaccttact taangnagat atgcntngat tatccngatt		540
actcnntaac atagcctctc nccttancgt tctcacctga atgtantacc tggacctctn		600
caagtcnanc agaggccnat aataaaagtt canaagttta nncnnnacac ccctctcccc		660
ccnccanta ncccaanccc ctcccannac cccctctccc nccacncct cacctcnna		720
tcnccacc ccactcnncn nncanncct cccccacc ccccnncnet acnctcct		780
cccatcncg		789

<210> 3465  
 <211> 757  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3465

ttncctccnc	ttaatccatt	ccttnagcct	tnntgcagat	cccatcgatt	cgcttttctg	60
gaggagaca	cccatctcct	gcccttggac	atcaggactt	ttngttcttc	ggcctttgga	120
ctcaggcttg	ccacagangc	ctcccagggc	tctcggccag	tcagcctcag	aatgagagtt	180
acaccactgg	cttccttggg	tcaaccacct	tcttacctgg	actgagcctc	acttacagct	240
tctctaggtc	tccagcttgc	agacagccta	tgggaggact	tctcagcctc	cataagtgtg	300
tgggccagtt	cgcctaataa	atccccctct	ctggccgggc	gcggtagctc	tccccgttaa	360
tctcagcatt	ttgggaggca	gaggtaggtg	gatcacctga	ggtcaggagt	tcaagaccag	420
cctggccaac	atggtgagac	ccccgtctct	actaaaagta	caaaaagtaa	ctgggtgtgg	480
tgctgggtgc	ctgtaatccc	agctactcng	gaggctgaag	cangagaata	cttcgacctg	540
ggaggtanag	gttgagctga	gcccagagac	gagccactgc	actccagcct	gggtgacagg	600
gcaagactct	gtctcaaaac	anatnaaaat	ccctctccaa	aaaaaaanac	cnctcccaag	660
tttaacccat	tcanntccnt	taccaannga	ancntctatt	nancaaaaana	tcnnnccncc	720
tncccncca	cccccnngng	tcnttaatcc	cnanncc			757

<210> 3466

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3466

ntttcttttn	ttttccnaac	accnagccta	cttggttctt	tntgccanga	tccccattcg	60
attcggtccc	tcaggcagcc	aaagcacttt	aacccttgca	tagggagcag	agggcggtac	120
ggcttctgga	ttgtttcact	gtgattccta	ggttttttcg	atgccacgca	gtgtgtgctt	180
ttgtgtatgg	aagcaagtgt	gggatgggtc	tttgcccttc	tgggtaggga	gctgtctaata	240
ccaagtccca	ggcttttggc	agcttctctg	caaccaccg	tgggtcctgg	ttgggagtgg	300
ggagggtcag	gttggggaaa	gatggggtag	agtgtagatg	gcttggttcc	agaggtgagg	360
gggccagggc	tgctgccatc	ctggcctggg	ggaggttggg	gagctgtagg	agagctagtg	420
agtcgagact	tanaagaatg	gggccacata	ncanacanag	actgttgtaa	gggagggagg	480
ggtanggaca	gaagctagac	ccaatctcct	ttgggatgtg	ggcnnggang	gaaacacgct	540
tgganggtta	atttaccac	nnaatgtgat	antnataggg	ganggaagct	gctgtgggtt	600
taactcctgg	gttgncttgt	tgggtagaca	gntnggggaa	aaaggcccct	tgaattcatt	660
gtaagcncaa	gtcccaactt	ngcccctgac	tccctgccng	gnggtattng	gggaaacttt	720
ttgacncaa	accatcngnt	tgctnctgg	accttttgca	ngccccttta	nccccnttnt	780

<210> 3467

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

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<400> 3467
caacngctct gntctttttg caggatccct cgattcgaat tcggcacgag aagacttttg 60
aaacacacat taaaatattt catgctccga acgccagcgc accaagtagc agcctcagca 120
ctttcaaaga taaaaacaaa aatgatggcc ttaaacctaa gcaggctgac agtgtagagc 180
aagctgttta ttactgtaag aagtgcactt accgagatcc tctttatgaa atagttagga 240
agcacattta caggggaacat ttccagcatg tggcagcacc ttacatagca aaggcaggag 300
aaaaatcact caatggggca gtccccttag gctcgaatgc ccgagaagag agtagtattc 360
actgcaagcg atgccttttc atgccaaagt cctatgaagc tttggtacag catgtcatcg 420
aagaccatga acgtataggc tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
ttccccgatc caaaccttg atgctaattg ctnccaaacc tcaagacaag aagagcatgg 540
gactcccacc aaggatcggg tcccttgctt ctggaaatgt ncggtcttta ccatcacagc 600
agatggtgaa tcgactctca ataccaaaaag cctaacttaa attctacagg agtcaacatg 660
gatgtcccag tgttctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
aaaaaaaaac ntcgagccct n 741

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<210> 3468
<211> 741
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

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<400> 3468
caacngctct gntctttttg caggatccct cgattcgaat tcggcacgag aagacttttg 60
aaacacacat taaaatattt catgctccga acgccagcgc accaagtagc agcctcagca 120
ctttcaaaga taaaaacaaa aatgatggcc ttaaacctaa gcaggctgac agtgtagagc 180
aagctgttta ttactgtaag aagtgcactt accgagatcc tctttatgaa atagttagga 240
agcacattta caggggaacat ttccagcatg tggcagcacc ttacatagca aaggcaggag 300
aaaaatcact caatggggca gtccccttag gctcgaatgc ccgagaagag agtagtattc 360
actgcaagcg atgccttttc atgccaaagt cctatgaagc tttggtacag catgtcatcg 420
aagaccatga acgtataggc tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
ttccccgatc caaaccttg atgctaattg ctnccaaacc tcaagacaag aagagcatgg 540
gactcccacc aaggatcggg tcccttgctt ctggaaatgt ncggtcttta ccatcacagc 600
agatggtgaa tcgactctca ataccaaaaag cctaacttaa attctacagg agtcaacatg 660
gatgtcccag tgttctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
aaaaaaaaac ntcgagccct n 741

```

```

<210> 3469
<211> 860
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

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<400> 3469
ggaactggct caggctggat tactcttgct gctgtcttgc tgtactgtat gccactggga 60
tctgaacact aaacattgct aagaaaccca cccaccacca ggatattttg aagtaacttc 120
acatatggaa aagttaaaga ctcagtctct gagaaaaaca ttggactgat gcgaatgcag 180
ttttggaaaa aaactgtgga agatatatac tgtgacaatc caccacatca gcctgtggcc 240
attgaactat ggaaggctgt taaaagacat aatctgacta aaagatggct tatgaaaatc 300
gtcgatgana gagaaaaaaa tctggatgac aaagcatatc gtaatatcan ggaactggaa 360

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aattatgctg	aaaacacaca	ctctctt	ctttacttaa	cactagaaat	gggtata	420
aaggatcttt	catgccacat	gcttgca	cgtcattatt	gnaanaagcc	aaangcat	480
ttgtccacct	gcntngaagc	gncaacaccc	ntnttccttg	gggaagcctt	tnnncaaaaa	540
ggcngttccc	ntttctccat	ggnnnttntt	ntcncnttg	cctnccnttn	ggccgatttn	600
cactnacnna	angnaccttc	nnctttctcg	nnatggatat	cccaangngc	ttttnnaccn	660
nctcgnaccc	acnancgtgn	taantctnac	atctgcaccc	nttctggccn	ccntcttccct	720
cggntcacct	anctccggan	ccaccnatct	cncncccat	tggtctctcg	aggnttcnct	780
ctnttnnctc	tctcacatna	tntantntng	cnnccnccct	ntncttnta	aatantcca	840
tntctctcn	cccnngntat					860

<210> 3470

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 3470

tgttttg	ttgaaccctt	tttggnantc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttctcn	cnntanncnc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcncnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nacnancatg	nactcatatn	480
tttcacnnc	cctgccntat	tcatcaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cnnnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tctctantc	720
acanacgatc	ctnncnctca	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnnttca	ctnnccnatc	cnnetatntc	gcattnnatnc	actcactent	tcnatnctta	840
tntntncncc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnnctcnc	tgetntntn	caetntctcn	tntcaccntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgetn	tntacctctc	tattntntntc	tgacacanat	ctcctctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acancnttca	catctctctc	1140
tacctctcca	cgetntatac	atatacctcc	tncactcctc	tnanngtnnt	t	1191

<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3471

ttacctttag	ctcccgnctc	ttttgcagga	cccatcgatt	cgaattcggc	acgagggcta	60
acttgccctg	ttttactatt	gatgtttgtg	tcctgtgtcc	ttaacacttt	aagcagctgt	120
tctcacctaa	aggctaata	ttttaagtaa	gtttcttttt	ctttttttta	tttaaaaatt	180
aaaaaatttt	taattaactt	tttttaaatt	aaaaaaaatt	attaattatt	tttaatagac	240

aggatcttgc	tatgctgtcc	ctgggtct	tgaactcctg	gtctcaagtg	ctcctgc	300
cttggcctcc	caaagtgtg	gtttacagg	tgtgagtcac	tgacactggc	gttttatt	360
ttttctgtat	acatttcttc	agccacttca	atcaaacatt	taattaacat	gctataatga	420
atgacttttc	ttactaggct	aacaaatgag	gcacttggaa	acttacttta	gttacagcct	480
cactttcttt	ttttgngagg	aaattctgtg	ttgacatact	ctttaatttc	tttttacctt	540
ttctgactga	ttttctgtaa	tttggaata	ttgngatgac	tgcttattct	aataatatta	600
acatatagca	ttcttttagc	acataaatag	tttcatttgc	atagtaagcg	ccaggctttn	660
ccatcgaatt	ttgatnaaaa	taatccatgc	ttcatggtac	cttagagatg	ggatatttta	720
aggcctctan	aactan					736

<210> 3472  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3472						
nttttgtata	ctttncctt	ntctcaggcc	tttttgcagg	atccctcgat	tgcaccagac	60
tcatttgttt	cattcacatt	cctcacgtgc	ntnaacatan	ttatatatta	agaaaatgta	120
actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctattt	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctatattt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtg	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtctgctc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagctttag	ttttcctttt	600
tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3473  
 <211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(847)  
 <223> n = A,T,C or G

<400> 3473						
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tcattcacat	tcctcacgtg	caacaacata	attatatatt	aagaaaatgt	aactttgtta	120
catcaaaata	tgttgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180
aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccagggg	ggaggatgtt	tttcttcttt	tctctatatt	tccctaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctgngcctca	gtttttctac	ctctaaaggg	gtgggatggg	360
tcttcaaant	gnttctaaaa	caccggcact	ttcagcagtg	ttcnggtggc	ctgagatgag	420
agcccgtgtt	cagaagtgcc	tgggagtggc	ccactgggaa	actccgcttg	cacngaccnt	480
ggagtctgct	cangacctgc	tgtnggacca	cacancctna	tgcgctgnga	aagcanaagg	540
aantgctggg	ngtaaaagtt	tgncattgat	ttccttngan	gccttttnaa	nnccctccnc	600
ttcttttttg	nntttaaaaa	aanaaaaagg	ggtntnttat	cantggntcc	nnntttcggn	660

aaaaaantnt	tgggcaaaac	tnaaacc	naggggggnc	cttntccacg	aaagccc	720
cgcacccagg	nnaacngnaa	ccccctt	tnccnggnat	gggctcngtc	aatgcng	780
ccttnectcn	ggaaccantt	ctcgggcccc	naannggtnn	nnggccnatt	tcncttggn	840
aaaaann						847

<210> 3474  
 <211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(847)  
 <223> n = A,T,C or G

<400> 3474						
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tcattcacat	tcctcacgtg	caacaacata	attatatatt	aagaaaatgt	aactttgtta	120
catcaaaata	tggtgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180
aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccaggga	ggaggatgtt	tttcttcttt	tctctatttt	tccttaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctgngcctca	gtttttctac	ctctaaagg	gtgggatggn	360
tcttcaant	gnttctaaaa	caccggcact	ttcagcagtg	ttcnggtggc	ctgagatgag	420
agcccggtgt	cagaagtgcc	tgggagtggc	ccactgggaa	actccgcttg	cacngaccnt	480
ggagtctgct	cangacctgc	tgtnggacca	cacancctna	tgcgctgnga	aagcanaagg	540
aantgctggg	ngtaaaagtt	tgncattgat	ttccttngan	gccttttnaa	nncctcccnc	600
ttcttttttg	nntttaaaaa	aanaaaaagg	ggtntnttat	cantggntcc	nnntttcggn	660
aaaaaantnt	tgggcaaaac	ttttnaaacc	naggggggnc	cttntccacg	caaaaagccc	720
cgcacccagg	nnaacngnaa	tttccccctt	tnccnggnat	gggctcngtc	ggaaatgcng	780
ccttnectcn	ggaaccantt	ctcgggcccc	naannggtnn	nnggccnatt	tcncttggn	840
aaaaann						847

<210> 3475  
 <211> 694  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(694)  
 <223> n = A,T,C or G

<400> 3475						
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atctgaaaat	aagtgccttg	agtgttcgta	cccttatatt	ttttaagatt	cctagaagga	120
atcttnggtt	aattcagatt	gagcanttaa	agtttttgct	atttaccttt	gtgcaggctg	180
gcatatgcta	atttgggggt	ggtaaccaac	cgattttatc	tcattgtaagc	attacatttt	240
gaagactgaa	tatacttcac	agcagatcaa	acacatttat	ggcatgcact	gacctcttct	300
tggagcccag	aactttatag	agttgcctac	cagggtttac	tgtnatggaa	tttatgatct	360
taagaaatta	ctagttgcat	tatttatccc	tatgattcat	tcattcaatn	aagcntttac	420
tgcataaact	ttacatccng	cactgtagct	taagtncccc	aaaaattgaa	tngnanntaa	480
ttgngctntt	cganaattgc	ccaacgcnnn	gccaggcca	ccggtggntt	naccgcctgt	540
nggtccccag	cnttntctcg	ggaangcccn	agcctntccg	gancccnag	ttcnnaaaaa	600
tccagacctt	ccctggntaa	cnccgtcaa	aaccccggtc	tnttantaaa	aatncanaag	660
atttanentn	ggccttggtg	ggcncccccc	cncn			694

<210> 3476

<211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

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<400> 3476
tcttttnttn ccttttcgnt cntgttcttt ttgcaggatc ccatcgattc gttcaccatc      60
tatgtcctct ggacgctggg ctccctccgc taccactgcc agctgtactc cgagtggaga      120
aagaccaacc agaaagtctg cctgaagatc cgggaggcgg acagccccga gggccccccag      180
cattctccac tggcagctgg actcctgaag aaggtggcag aggagacacc agtatgaatg      240
ctgggctctc cggaccctgc agcagagagg ccagaggtag ctggtgatac cctgtcctgt      300
ggaaggactt ccacttcaac acttccactt caacagttcc cgcacggcct gaacgcttct      360
taggccaaga gacaccatgc ggagcctagt ctgtgatcct gtgtgaagat attttcaggg      420
tttttttttt tttttgcata tggaggacag gtggacatgg tcctgagctc tggacggagc      480
angcaccttg atctcattct gaggtccaca tggcaccttc tgggccagca gctgtggccc      540
ngtgtatcaa agggcgcccc ttaaagctgg aacattccac aagcttcttg cgctttnttg      600
caccnngcag gccacttttc ctggcaccct cgantttata taaaaagttg ccctgcgttt      660
naaaaaaccc accccctgaa tgaattaaaa nggagcccct ggcttggaaa aaanaaaaac      720
atctnnctct nntatcncn naaaananaa ccnnnggcct      760
```

<210> 3477  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

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<400> 3477
tnctattttn ttccaancc tttgctactt gtctntttgc aggaccatc gattcgctgg      60
aaacctttac cagaaagtga cgggcaagga ctgagatacg agggcctgat gggcaaacc      120
agcatcctca cttaccagta tgccgaggac ctgatcaggc gacaggcgga gaggcggggc      180
tggggcgccc ccatccggaa gctctatgct gtgggtgata accctatgtc tgacgtatac      240
ggcgccaacc tgttccacca gtacctgcag aaggcaacgc atgatggggc gccagaacta      300
ggggccgggg gcacacggca gcaacagccc tcagcaagcc agagctgcat ctccatcctg      360
gtgtgtacag gcgctctaaa tcccaggaac ccacagtcca cggagcctgt ccttggagga      420
ngggagcctc cattccacgg ncaccgagac ttatgcttca ntagggactt tgaaatgggg      480
gaggcagtgt ggaatactgt ggatgtctgt gcagagcctt tgccggcact gaaggcatgc      540
agcctgtcgg cagagtgtct taacaccag atgcctactt tttactgnat ngtagtttat      600
tgcccggaga tgttggggct ttttttttta aataaaataa tcataattaa atgttcatga      660
aaananaaac atnttcnaaa aaacttcnag cctctngaac tntantngag tccttatnac      720
ctnecatncca gancttgnta aggattccat tgatgaagtt tn      762
```

<210> 3478  
 <211> 1191  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1191)



<223> n = A,T,C or G

<400> 3478

tgttttggtt	ttgaaccctt	tttgggnantc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaaag	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntgtnncnn	tangctctct	360
atnttcntcn	cnntanncnc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcncntncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nacnanatg	nactcatatn	480
tttcacncnc	cctgccntat	tcatcaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tcntctantc	720
acanacgatc	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnnttca	ctnnccnatc	cnnctatntc	gcatttnatnc	actcactcnt	tcnatnctta	840
tntntncncc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttcen	900
atcnnctcnc	tgctnttntn	cactntctcn	tntcaccntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgctn	tntacctctc	tattnttntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tcntctctct	acanctntca	catctctctc	1140
tacctctcca	cgtntataac	atatacctcc	tncactcctc	tnanngtnnt	t	1191

<210> 3479

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3479

gnnttttannc	nnttgaaanc	cnctngctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcctgcc	agaatggaag	catacagatc	tgggaccgaa	atttgactgt	120
tcatcctaag	ttccactata	aacaggctca	tgactcgggc	acagacactt	tttgcgtagc	180
ttnttttecta	tgatggtaaa	tgtncccttg	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttn	ccaccatggt	300
cccaatgact	gactgctggt	tcagtcana	tgataagctc	atagtcactg	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttggtt	tctttgagcg	tangactttc	caaaggggtgt	420
atgaaataga	catcacagat	gcnantggtg	ttcgctgcct	gtggcatcca	aagctgacca	480
gatcatgggt	ggaactggaa	atggattggc	taaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tgggtaaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtac	660
aagggaacagc	tggagaaagg	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3480

tacagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	ggaaaacatc	60
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accataacac	atncaaant	atggcccttc	agattttgt	cttcttttng	ggtcagtgtt	180
aataatacgt	atctttcaaa	gaatatcccc	cttttttttt	ggtagagata	gggggttttg	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggtt	actggagcag	ggcaaggaac	acctggcccc	gcccgagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgctcctcgc	tgagattgct	ttgtttccca	taaagattgc	540
ttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tgggtcaagc	tctgnttgtg	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnttacctan	atccagacnt	gataggatcc	atgatgagtt	720
tggncacccc	ncactng					737

<210> 3481

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature ✓

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3481

tttgaaancc	cttagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gattcgaaca	tatgcagtta	ttccactaaa	tgatgaatgt	gggattattg	aatgggtgaa	120
caacactgct	ggnttganac	cctantctgg	ccnaactatt	ttaagaaaan	ggngtggtt	180
tttgaacagg	aaaagaacct	tcgcccgggtg	gtatgcctcc	aaangcagca	actttatctg	240
gaaaactcaa	angtattccg	agaatttctt	ctgnccaggc	atcctcctat	ttttcatgan	300
tggtttctga	gaacattccc	tgatcctaca	tcatggtcag	tagtagatca	gcttactgcc	360
gttccactgc	agtaatgtca	atggttgggt	atattctggg	gcttgagac	cgtcatgggtg	420
aaaatattct	ctttgattct	ttgactgggtg	aatgcgtaca	tgtagatttc	aattgncttt	480
tcaataaggg	agaaaccttt	gaaagttcca	gaaattgngc	catttcgcct	gactcataat	540
atgggtaatg	gaatgggtcc	tatgggaaca	ganggtcttt	ttcgaaaaca	tgtgaaagta	600
caatgangct	gatgcctgat	cancgagagc	ctttaatgag	tgncttaaa	acttttctca	660
tgaaccntt	ggggaatggg	gtaaaccatg	naangggcnt	tccaaacgcc	ccttgaatga	720
aacctggaaa	aattgncaat	gaaaaggcca	aancnttnt			760

<210> 3482

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3482

tatnnataca	agctacttgt	tctttttgca	ggatcccatc	gattcgcaca	gttctgcatg	60
gctggggagg	cctcacaatc	atggtggaag	gcaaggaggt	gcaaaaccat	gtcttcacat	120
atgggcaagg	caggaaaaac	cntgtccagg	ggaacctcca	nttattaaac	cnntcaaact	180
tcattgaaga	attaatcact	taccacgaga	accagattgg	gggaaccatt	cccatgaatc	240

aattattctg	cacctggccc	ccttgac	acgtgggaat	tattcaatgc	gggtgaga	300
ttgggtgggg	acccatccaa	tgtaag	tatgttttga	cttctggctt	gttgctang	360
tttgcataga	ngacaaacat	ggaaattaat	gaagtacctt	aatatctggc	ttcagatctt	420
agacaggatc	agangggccag	ctcaaatttg	caaggagggg	aggtagatcc	caccatttta	480
tgggctatgg	caaatcaaa	cagaaattat	gtgggatggg	agatctgatg	cangcatctt	540
tggaaacatc	tacttagcta	attttatgct	aggctttagg	tcaagaagga	gagaaaaagc	600
tgcattgctgt	ggtacacact	tattgtccca	ncgacttgnn	aaactnangc	aggangattg	660
cttgatccca	agaatttgan	gtaatgtgcc	aagaaccgtc	ttgngaatag	ccctaccctt	720
gaactcaact	tgggcaacat	tganaaaccc	tn			752

<210> 3483  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 3483						
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gaattcggca	cgagaggcgt	ccttgcgga	agggcatttt	agctgaggct	ttggagtacg	120
aataggagct	cagcaggcag	acgaaatgaa	ggaantaaag	gtcagaagaa	aggtcagaag	180
cttgagtgc	gttttgga	tccaccccg	tttatttgg	agaacttggg	ggttcaaaag	240
ggccagggtc	ctcagaattt	gaggccaca	cagttaggtc	tgggtggggt	gaaagggacc	300
caggaaccga	ggcgttcagg	aaagcaggtt	gtcagagcta	tgtggagtct	gtgggtggca	360
ngggcaaccg	ctccagcctt	tgaagacttt	gaaagccaga	gattcctgcg	cangcttggg	420
cttcctggga	gtcctccaa	gtacccaagg	gcatcagagc	tgcttgggtg	ttacatggcc	480
caaggaaccc	aggttcangg	taggacaggc	aagaccagat	cccaatgtgc	aaagtgaana	540
caactgggtc	ctgttaaacy	atgaagaatt	caagacagt	acagcattac	gtcaccctg	600
gggacaaang	tcaacctaa	gtgacacacg	gggactactg	tgctttcgga	ngctncctgt	660
gtcctggagg	anaaaagctt	tanagggggc	aactggacaa	cttccacttg	caaaattcca	720
accttgcttg	ggcaaggnc	cngnctggga	ctnaacattt	ttgatatgcc	ttaaaaatta	780
ttt						783

<210> 3484  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 3484						
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gagaaccgaa	gctagaattg	ctattgaatt	actttatttt	ctcttcctta	ttgggtagag	120
atacatcatt	actggcctca	ggggtttacc	caaagaaagg	gtatttttga	gcaaataatg	180
tgatttcctg	gctattttgt	tgggggctta	agattttttt	ttttcaaatg	catttttagt	240
cactaaaaat	taactgtcgt	accatctaga	actatactgt	ccagtaccat	agcctctagc	300
cgtatgtagc	tatttgtatt	aagattaatt	gaaattttta	atccagttcc	tcagtcacac	360
tagccacttt	ctaagtgtc	agtagctctg	tgtgaccagc	ggctactgta	ttggatatta	420
tagaagggtc	tttcattcaa	gatcatcatt	cttgacagac	ccataaatat	ttcctataaa	480
gactgtagaa	gtgtgttctg	gaggggttgc	tctccaaaaa	gaattgtaat	atagagtaga	540
attgggatag	agtattgaag	acactgggtt	tagacattgg	atattttaat	gattggngng	600

tctaatacatg	tgctgcaact	ttatcta	gngatatgac	ctcctgcttg	aagccng	660
aattnaagca	ggattcctga	ttatctta	aaattgcaat	gaaaaccttt	ctctaaaat	720
atcccttttg	taa					733

<210> 3485  
 <211> 806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(806)  
 <223> n = A,T,C or G

<400> 3485						
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ancccttngc	tgcaggatcc	catcgattcg	gcagcgcacc	aggtggtttt	aggagaaaac	120
ttgatagcca	cagccctttg	tctttctggc	agtgggtctc	agtctgattt	gaaggatgtg	180
ggccagcaca	gcaggagagg	agggggacac	aagccttcgg	gaagagcctc	catccagtca	240
ctcggctctt	taaggcaggg	tgccatacta	agcagcttgc	ctccaggaat	tgctctgaag	300
agaaatcccc	acaaacctcc	atcctaaagg	aaggtaacag	gggacacaag	cttggatttc	360
cgacctgtag	tgtctccagc	aaatgggggt	gaaggagtcc	cgagtggatc	aggatgatga	420
tcaagatagc	tcttcctgaa	gctttctcag	aacattgctg	tcagactgac	tttaagacag	480
ctgattcaga	ggtaaacaca	gatcaagata	ttgaaaagaa	tttggataaa	atgatgacag	540
agagaaccct	gttgaaagag	cgttaccagg	angtcctgga	caaacagang	caagtggggag	600
aatcagcttc	caagtgcaat	taaagcactt	cagcaaagga	gagaaganga	aatgaagaat	660
cccaggagat	attaaaggct	atcaggatgt	gacaattaaa	ccgggaagaa	acaaagaaga	720
agattgagaa	agagaanaag	gagtttttgc	aaaagganca	ggactgaaag	ctgaaatgaa	780
aaactttttg	aaaaggccaa	agggtan				806

<210> 3486  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

<400> 3486						
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tcgaattcgg	cacgaggcat	aacgaaccta	accctcagag	gtttaccaag	attcaaaaaca	120
cgaaactgac	catgaaaccg	ggacgggcat	ttgggtcaag	tgcggttnc	agtctttggg	180
aaggtgggtc	tcgggcaacc	cacttcttct	aaccaatttt	cacaagtggg	aacaattggg	240
gcgggccttc	cgtcgtgggc	ccccttcggg	ggcttgacac	taatgggaca	gaagctctcg	300
gtgcccga	gattgcctgc	caganggact	tgaccacagc	ctggctggca	actgctctgt	360
ggaggacctc	caggactgag	actgggctct	ggtttccaag	ggtcttcaact	aggcccccta	420
ctacacctgg	aagtttcaga	accacttttg	gggggcctcc	tgcttgggca	ggctcttcaa	480
gtgtggccct	ctttggagtc	aacctnctt	tccgaccccc	ttcccctagc	ccagccccag	540
tcactgtcan	ggtcgggcca	accctgcac	tgcttgcac	antggcctgg	gctaggtcac	600
ttcacctntc	tggcctaatt	tnccctcttg	agtccttaag	gcctggaagg	tgggaagtat	660
gtctangggg	caatgtcttt	ttcangggga	attctaactn	ttgggaaccc	ccttgttcca	720
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aggancaaac	cn					792

<210> 3487

<211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

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<400> 3487
tcccttggnn nnnnnnnnnn tttannata nagctcttgt tctttttgca ggacccatcg      60
attcgaattc ggcacgagga aaacatctaa ctaagatggg ttcactgggt aattcaatca      120
aatatttaag gaacacataa taccaaaaacc ataacacata caaatatatg gcccttcaga      180
ttttgtactt cttttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt      240
tttttttggg agagataggg ttttgccatg ttgttggtag caagccctaa ccctgtcata      300
aacaggcctt aaataaaactg gccataaaca ggattttctgc agcaatggga catgtctcatg      360
atggctgtca tgcacactgc gaaaagttgt tggtttactg gagcagggca aggaacacct      420
ggccccgccc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggcctgtgcc      480
ttggcagcat gttttttgtg cagataatca gccagagcct gtttctctgc tcctcgctga      540
gattgctttg tttcccataa agattgcttt tagctaattc acaatctata gaagcaatgc      600
ttatcactgg ctttctgtca ataaatgtgt gggtaagct ctgtttgtng gctctcagct      660
ctgaaaaaaaa aaaaaaaaaa nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt      720
tacgtanatc cagacatgat aaganccatt ggtgagtttg      760
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<210> 3488  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

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<400> 3488
gnnntntnnn nnnntntnatn gectnaagct acttgttctt tttgcaggga tcccatcgat      60
tcgaattcgg cagcaggtcc aggttctcct ctgatggcca acccaccttt aatgctggcc      120
agtctatctc acacaaagtt ctaagttttc caggtgtcat agtaactcca tagtctcctt      180
aaatccccctt ttgaaatttt tcaacatagt tcctagtggg atgggcttac tttgtgcctg      240
acccatgttt tctcaagaca aaacaccatg gcaggaacag ccacttgcac ctggtcccgg      300
tgccacactg cgggtgcttg tgtggttggt gagcctgtcc ctgcgcgcct tgctcccgtt      360
gagccacgct gtctggtggg tgattctctg cctgagccac caccctggac tggccagtct      420
ccagagctgg cacaccctgc tgttttctct ttttagacac aacagccgca gtttggcagc      480
cactaagtcc caccagctga ggtccgagga aagcggggtg actcatttcc cttgtcaggg      540
cccaggagga gtgaggtgtc cagcctgcaa agctattcca gctncttggg gttggttgca      600
ataaattggt atttaacaaa caaaaaaaaa aaannnaaaa aaaaaaaact cgacctntaa      660
actatagtga gtcgattact anatccagac atgataagat ncatgatgat ttggacaacc      720
cacttgaatg ccntgaaaaa atgtttnttt nn      752
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<210> 3489  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)

<223> n = A,T,C or G

<400> 3489

cgtntttttnn	nnccnannga	aagcccttgg	ctacttgntc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggat	cagcccacct	cggcctcaca	aagtgntggg	attacaggcg	120
tgagccacct	tgcccacca	catcatacag	ttgaaatgaa	actttgccac	aaccagcctt	180
tgctgtacac	acacatatat	caactgaacct	ggttgaaata	aagntttttt	tctttttcct	240
ctggtattct	gggttctgaa	gtctggtatt	ctggtattct	gggttcaaaa	gtatgacttg	300
agagtgttgc	tctggtattc	tgagagttgc	tctgtattct	gggttctgaa	gattatttga	360
aaaataactc	ctactacatt	gaaatgcaga	cttaaaaatt	taaacattgg	attaggcagt	420
caaaaaaacc	aagcaagcat	aaaagggtcaa	taagttgtaa	tcttgatagt	aaagggtggaa	480
aacttattat	aaatggaaag	aaagtattt	tccttttttg	gttgatgggc	agtatgccat	540
attataccca	aagttctttt	aaaaaatatt	tccatcacca	tttttattta	aaataaacat	600
ttgaggggaag	taccaaggca	gcttttttcc	tcaaaaagtac	ctggctcctct	ttggggaatag	660
cacattttan	gggcattggg	taatcctgag	attttactca	ntaaatcctg	atggtactgg	720
gtgtaaaata	tctttagtng	gattgaaggc	cttgnngggg	a		761

<210> 3490

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3490

gnnnnnnnnn	nnnnnnntttt	gaaannccctt	tnttnnnnnn	ngnnntttann	cnnttgaana	60
cnanagctac	ttgttctttt	tgcagatccc	atcgattcga	attcggcacg	aggcaaggcg	120
ccggggggaca	cgttggctgc	gttttcggcg	ggcttccggg	tcaaaaatgg	ctgggggcttg	180
cgaattctnc	tgggctactn	cgtaggcana	anggccantt	tgggccccga	agttctgggn	240
gtcgaaattc	ggccggacgg	gaagcttang	atatccacca	ccacaaattc	caaaaatgat	300
gtgatgatca	gaaaaagaag	cttatgtgcc	caagaatgta	atgggaaaga	actgaagaga	360
attattgatg	acagtgaat	tacaaaagaa	gatgatgctt	tgtggccctcc	cctgataggg	420
gttggcccgga	caggagcttg	aaattgtaat	tggagatgag	cacatatctt	ttaccacatc	480
aaaaatagggt	tctcttattg	atgtaaatca	gtcaaaggat	cctgaagcct	tcgagtattt	540
tactattttg	tcaagacttg	aaatgttttag	ttttcaatct	tattggatta	cacttcaaga	600
ttaaaccaat	ttaaattgna	tgttttcang	ctggttgnat	atttaattaa	gggatgggaa	660
gggttatttg	gcatttacag	tattgggggt	tttatgaatg	tgaagcaaac	aaaaaaaatt	720
tgtatgtaaa	ctggaaatta	ggaaaatccn	ttaccaagct	taatgggtat	ccttacttga	780
gtccacatgg	gttggcagtc	cccan				805

<210> 3491

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3491

gnnttttaaan	cnntttttnt	nnnanacagg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggcc	tgggaaagcg	tggcgcccat	gaatatccgc	aggagcacgc	120
atgacctggt	gggcatgga	cgggatgggt	tgtaccccg	ggggggtaaa	cgaacgggta	180

gcttncaacc	ttcaacttcc	ccgangaa	agtacaaacc	ccgangganc	aaagtgg	240
gggtggccgc	attcctggca	tttcaac	ccgggcgcaa	gcaagtgtgg	gtgtgtgggc	300
gggtgcttgg	aagctgcttc	aatttccccg	nccgncatcc	ttccccgacg	cttgtccccgt	360
ggccctccac	caagcctctt	gaccaccta	ccaccagaag	ccttgacgcc	ttccacatgc	420
cttaaggggg	accgtggccc	ccaccagggg	acgtcctgcg	ccatccgttc	acgtctcttg	480
catcattcct	tcatgtcttt	atttagttgn	ttattttattt	aagttattta	tcttattgag	540
agggtgaggag	tgccacggct	gcccgtttac	accttttagcg	tctggtcctn	ctgcgtgtcc	600
tcccttcact	ggctgcatgg	ggggcccggg	gagtgcacaag	cnggggcctt	accggcccaa	660
ggcccgttgc	ctgctnaaac	cttgcanget	gtggagcaag	aggcctgggt	ctttcnaaca	720
ctgcagaccc	acttgaattt	gcacatgcgg	ggtcccggga	agggtgggaa	caagtgtcct	780
tctgtcgtcn	nnttgccgng	tgcca				805

<210> 3492

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3492

ggctactngn	nngtntttgn	angcnntttt	nantatacag	ctacttgttc	tttttgcagg	60
atccccatcga	ttcgaattcg	gcacgaggna	atgacattca	tgccagttct	tccctgaatg	120
gcagaagcac	tgaagaagta	aagccattg	gtgaaaacct	ggggccaaac	tgaggaaatct	180
gntggttgnc	ttccccang	ntttaaagga	gatcaatgtn	gaaanggtan	cnggattcaa	240
catttggnca	agccgattca	agaacagtga	aagttattgn	ggatcttatg	ggaccaatth	300
gggccaaaga	gaagtctttt	agacagcttt	acgtccaaca	atgggaccca	tttcaagtat	360
tacttggttg	ggcattccag	tcaacccatg	gaaaattctg	gatttcgtga	agatattcaa	420
gtacctcctg	gaaatggcaa	cattgggaat	atgcaggttg	ttgcagttga	aggaaaaggt	480
gaagtcaagc	atggaggaga	agatggcagg	aataacagcg	gagcaccaca	ccgggagaa	540
caggcggaga	aactgacgaa	ttctctaatt	ttagaagang	aaagangaca	taggatgcaa	600
cactttgagc	gaaggaacca	aggcccggca	ggtgggaant	ggangtgatn	ggganccctt	660
gggcttcgac	cagaagggtcc	cgangcagcc	tcaatgacca	natcgctcgt	tgctgatgaa	720
actgcaggag	gacatgcnna	atgtccttta	aagactgcag	aaactggnaa	ccctactgnt	780
tttcaggcna	aaaaa					795

<210> 3493

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3493

gcttgncctnc	tncctttttca	aatngctngg	ctactngttc	tttntgcagg	atccccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaaggtgt	aaacaactaa	360
atthttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggaattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480

gattgttcat	tttgtctttt	gtgtttnt	ggggaacagg	gtcaaaattt	ttctgcc	540
taangtaggt	tttagtcttt	aaaacat	tctagtaggc	aagtctgtag	gaatcttt	600
ggaagaaagg	caaccattag	taatatTTTT	tgaagttccc	tacctggta	attttttcaa	660
taaaaaactn	aggttctcag	gtagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
accctaaaatt	atnt					734

<210> 3494  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 3494						
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ttcgaattcg	gcacgagcac	catcgaatat	ttttatttat	tttgagagac	agactctgtc	120
accagggcta	gtcttaaact	gttgggtgaa	tcttaagtga	ttctcccacc	tcagcctccc	180
aaagtgtggt	ggattacagg	gcatgagcca	ctacccttgg	ctgtgatcaa	gtatttttagt	240
ctgttggtta	aatgtttact	aaatagtctg	aagtagagaa	aatagcacc	aatctaaaat	300
aagggtgagg	ctagtcactt	atttaaactct	acatttttaag	ctatagttta	ctatttagttt	360
aaactttaag	acaggtaatg	ttcatgctgc	agacaatcta	agggcattat	taaaatgttt	420
gttcttcctt	atctcagaat	tgaagtatgt	cagaagcaag	acttttcttt	ccatttttgtt	480
atagtagaaa	tgcatacatt	aacaggtagc	tttttagacat	tacacgtgct	catctgcccc	540
aaagctctaa	tgagctgcct	taccctggaa	tgTTTTtctt	agcttggatt	tgctTTTTtg	600
gagggattaa	gaaaagactt	ggctgggctg	tgggactcat	gcctgtaatc	cacantttgg	660
gaaccnagcg	gtggatcatg	angtcaggag	atggagacca	tccggcta	acggngaacc	720
cccgttttta	ctgaaaatcc	aaaaattact	gggcgtggng	gcggcn		766

<210> 3495  
 <211> 872  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(872)  
 <223> n = A,T,C or G

<400> 3495						
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gccaggggna	atncccccca	tnccggnatt	tcccggaaaa	tttccgggnc	caccggaagc	120
cctgggggaa	aaaatgggaa	aaaatttnat	ttnatTTTT	ncaaccccc	atttaggnnt	180
angcccaaat	ttaaaaaaa	aggaaaatta	ccttccaagt	taaantancc	gttantnggg	240
gaaatanctt	acctttaagt	tccaataaaa	aaaaggggga	aatggaaaaa	taaatggggc	300
atttttggca	ngcaanccct	ggggantggg	aaaactgggg	angaaccatt	anttcttaaa	360
agtggaangt	aaccttcaag	ggaaaatggg	aaaaaccaa	ccggtcgggtg	gtggttcttc	420
actctttaaa	gtggggaagc	taaagcttgt	ggagggaccc	aaagggccta	agaaatgata	480
caatgggact	ttggagactc	aggggaaagg	gtggggaggg	cggtgaggga	taaaacagtg	540
ccactgggtc	agtgtcactg	cttgggtgatg	gctgtccaaa	atctcagaaa	tcaccctaaa	600
gacttattca	tgtgccaaacc	tcctgtccca	aacctttaaa	aaaaatgcgc	catcccccca	660
tggaaataaa	gtcaacagcc	tgcagagcaa	aaagactggg	tagtaactta	aaatattcca	720
aaagagactc	ctcatgccta	ctagttcact	ctgaatctat	caaacacgta	aaggaatttg	780
gttcacacca	ccaccacccc	caatcttnac	aatctntgag	aaacagagaa	ganggaattc	840
caactccttg	tgaggcagct	tcctgtccca	tg			872



<210> 3496  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 3496

tntctnaatn	tgntnncgna	tcttgaggac	ccatcggtca	attccgnncc	naggggggna	60
ctncccntac	tccttgatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggatttg	tttttctggt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagccccctc	caaagatagt	tgatgtgtga	taatctcata	atgttgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	ggtggtanca	agaggagtac	ccagttaggg	gttggagccc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttccccgat	660
gaatgcaa	naaacttttg	tgacaccagc	aacccattgc	tctttanaat		710

<210> 3497  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 3497

nntnnnnntn	tgaaancctt	nggctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtggg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggg	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcattggtgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttatttacat	480
tataaatatt	aactgggttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatcaagaa	600
ctcctttttc	tgaaacgttc	ctnctttttt	agtgccta	taataactt	acttaccng	660
ganntnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	cctttaaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3498  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)

<223> n = A,T,C or G

<400> 3498

gnnnnnnnnnn	nnnnnnntttt	nnnnnnnnnn	tnnttnnnnn	nnnnnttttn	aaaaacagct	60
cttgttctttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcacat	tgtttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgcctgttt	tcagggtttc	tttcagtggt	ttaggtattc	agtattttaa	tcacaaaatt	240
tgtgatttga	acattttttt	cttccttcac	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgtaat	gtaaagaaga	acattttggt	taattgagag	360
aagtcgtctg	tggtcttggt	gatagaggac	catcctagag	ttgggagtgc	tgtctgcaca	420
gcaacaaacc	cagagtctac	tttggatcac	cttatatagt	tcatgagtaa	tcagcagatg	480
cctttccttt	ctatgtctct	ctctcagtga	aaggcactgt	ttcttccact	tgggtaggaa	540
tggcctaatt	ctcattgtct	gtaacaggaa	tgctacaact	gctcaaattg	taccatttat	600
catatttggt	aaggctctgc	cttagtcttg	cctgttcaat	tataaaagga	aagaagacgt	660
aaaagatgta	gagttgtctg	ngtgattttc	ccccatttat	gtcagaagag	gccttaagaa	720
aactaatacc	ccccacaaat	atatcttttt	agattttctat	tatatatttn	gncttatcaa	780
ga						782

<210> 3499

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3499

atacagctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	aggttgcttt	60
caaaagacac	atatcaccat	agtacatgta	ataacacaca	taggctcaaa	gtaaaggggt	120
ggcgaangat	ctgtnttgca	gatggaaaaa	aagatcaggg	gtcactattc	ttgtttcaga	180
taaaacagac	tttttaaatc	aacaacagta	gaaaaaggac	tagggcatta	cataatgaag	240
aaggggtcaa	ttcaacaaga	tttatcctat	cacacccaag	attggagcac	tcagatttct	300
aaactattat	ttctagacct	aggaaaagaa	ttaaaccggc	acataataat	agtgggggac	360
ttcaacacct	cactgacagt	gttagataga	tcatcaaggc	agaaaactaa	caaattctga	420
acttaaatc	aacagttgac	taattgaacc	taatagacat	ctacagaata	ctccaccac	480
caacaacaga	acatactttt	ttctcatgtg	cacatagaaa	atactctaag	attgaccaca	540
tgctttgtca	caaagcaa	ctcagtaaat	tcaaaaaaga	ttgaaatcat	accaagcatt	600
tcagactaca	gcatagtaaa	aatgaaaatc	aacaccag	agaaactctc	aaaacatggn	660
aactnaacaa	cttgctnctg	natgactttt	tgggtaata	taaaaatang	gcttccttaa	720
ccctttttgn	aacaat					736

<210> 3500

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3500

gnnttnnnnn	nnnnntttt	nanntantgc	tcttggtctt	tttgaggat	cccatcgatt	60
cgaattcggc	acgaggtcaa	ctctccttgg	tgagtgcctc	agaacttagg	aaaagagaac	120
agcgcagtgc	tctctcatga	agatgacaga	ggacaaaagc	aagcagaaat	atacaaggat	180

ttgcgtntct	tattatgaat	cttttga	gaaataatac	ctgtgagaat	gctcctt	240
caattaggtt	caggattgga	gaaaaatca	tataaaatag	gttcctgcaa	taatttgcc	300
ccttgagtat	gggtgggctt	gtgacctgct	cagtgtctaag	gaaatgcagt	ggaaatgatg	360
ctgtgtaact	tctgaggcca	agttataaaa	gatcatgcat	cttttgcctt	gttagtttgc	420
tgacgcctga	tatggagcac	tagaaagaaa	ttatttttcc	aagcatcaac	ccggaagtcc	480
cagcataccg	agggtggcag	acatcatttc	ttcaatgaac	ttagtattta	gaaagatatac	540
ttcactccaa	gcatcaagtc	ttttctgtcc	tgcaaaagtc	ttaagtcaaa	ccagaatccc	600
tagtagaggg	cacctttgga	ttcaacagta	aaaggagaat	ctacaaaacc	agctcatcaa	660
aaggggcagt	gatgggtata	gaacctgnct	tacttaagtt	caagcaatga	ttaatctagc	720
ttccctctgg	tggatgactg	angnctttgc	ct			752

<210> 3501

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3501

gnnttnnnnn	nnnnnntttt	nanntantgc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagggtcaa	ctctccttgg	tgagtgcctc	agaacttagg	aaaagagAAC	120
agcgcatgtc	tctctcatga	agatgacaga	ggacaaaagc	aagcagaaat	atacaaggat	180
ttgcgtntct	tattatgaat	ttctctttga	gaaataatac	ctgtgagaat	gctgctcctt	240
caattaggtt	caggattgga	ggaaaaatca	tataaaatag	gttcctgcaa	taatttgcc	300
ccttgagtat	gggtgggctt	gtgacctgct	cagtgtctaag	gaaatgcagt	ggaaatgatg	360
ctgtgtaact	tctgaggcca	agttataaaa	gatcatgcat	cttttgcctt	gttagtttgc	420
tgacgcctga	tatggagcac	tagaaagaaa	ttatttttcc	aagcatcaac	ccggaagtcc	480
cagcataccg	agggtggcag	acatcatttc	ttcaatgaac	ttagtattta	gaaagatatac	540
ttcactccaa	gcatcaagtc	ttttctgtcc	tgcaaaagtc	ttaagtcaaa	ccagaatccc	600
tagtagaggg	cacctttgga	ttcaacagta	aaaggagaat	ctacaaaacc	agctcatcaa	660
aaggggcagt	gatgggtata	gaacctgnct	tacttaagtt	caagcaatga	ttaatctagc	720
ttccctctgg	tggatgactg	angnctttgc	ct			752

<210> 3502

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3502

tacagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	ggaaaacatc	60
taactaagat	ggtttctactg	gtgaattcaa	tcaaataattt	aaggaacaca	taataccaaa	120
accataacac	atncaaant	atggcccttc	agattttgtn	cttcttttng	ggtcagtgtt	180
aataatacgt	atctttcaaa	gaatatcccc	cttttttttt	ggtagagata	ggggttttgc	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaaggaac	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgctcctcgc	tgagattgct	ttgtttccca	taaagattgc	540
tttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600

tgggtcaagc tctgnttgtg	ctcagct ctgaaaaaaa aaaaaaaaaa	aactcga	660
gcctntaaac tntgngagtc	tacctan atccagacnt gataggatcc	gatgagtt	720
tggncaaccc nactng			737

<210> 3503  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 3503			
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gctctgctgg tccagaaaagc	agcccaggcc tttaaactccg	ggctgctgtg tgtggcatgt	120
ggttcatacc gacggggaaa	ggcgacctgt ggtgatgtcg	acgtgctcat cactcaccca	180
gatggctggg cccaccgggg	tatcttcagc cgcctccttg	acagtcttcg gcaggaaggg	240
ttcctcacag atgacttggt	gagccaagag gagaatggtc	agcaacagaa gtacttgggg	300
gtgtgccggc tcccagggcc	agggcgggcg caccggcgcc	tggacatcat cgtggtgccc	360
tatagcgagt ttgcctgtgc	cctgctctac ttcaccggct	ctgcacactt caaccgctcc	420
atgcgagccc tggccaaaac	caagggcatt agtctgtcag	aacatgccct cagcactgct	480
gtggtccgga acacccatgg	ctgcaagggt gggcctggcc	gagtgetgcc actcccactg	540
agaaggatgt cttcaggctc	ttaggcctcc cctaccgaga	acctgctgag cgggactggg	600
gacccatggc ttgggggtgc	tgangaaagc ccanttgga	tggctacccc ttctggccac	660
ccagtacttc cttcagcctt	aactgggtga acttgccggg	tcaaccacca actttctnag	720
cgagcanggg ccaaggct			738

<210> 3504  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 3504			
tcccttggnn nnnnnnnnnn	tttnannata nagctcttgt	tctttttgca ggacccatcg	60
attcgaattc ggcacgagga	aaacatctaa ctaagatggg	ttcactgggtg aattcaatca	120
aatattttaag gaacacataa	tacccaaaacc ataacacata	caaatatatg gcccttcaga	180
ttttgtactt cttttttgtg	cagtgttaat aatacgtatc	tttcaaagaa tatccccctt	240
tttttttggg agagataggg	ttttgccatg ttgttggtag	caagccctaa ccctgtcata	300
aacaggcctt aaataaaactg	gccataaaca ggatttctgc	agcaatggga catgctcatg	360
atggctgtca tgcacactgc	gaaaagttgt tggtttactg	gagcagggca aggaacacct	420
ggccccgccc ggagcaaaaa	actgctcaaa ccacaaacga	tagcaggaaa ggcctgtgcc	480
ttggcagcat gtttttgcgtg	cagataatca gccagagcct	gtttctctgc tcctcgctga	540
gattgctttg tttcccataa	agattgcttt tagctaattc	acaatctata gaagcaatgc	600
ttateactgg ctttctgtca	ataaatgtgt gggcaagct	ctgtttgtng gctctcagct	660
ctgaaaaaaa aaaaaaaaaa	nnnnnnnncc tcgagcctnt	aaaactatag ngagtcgtnt	720
tacgtanatc cagacatgat	aaganccatt ggtgagtttg		760

<210> 3505  
 <211> 766  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3505

gnnnntnnnnn nnnnnnnnttt tntaganaca ggctacttgt tctttttgca ggatcccatc	60
gattcgaatt cggcacgagc agagacctga cagtggcaat gtatggccac gttactgaat	120
ctacatgttg caagagaaaa actagcagat gttctttggc agccctgtca ttcagctatt	180
attgctaaag cactaggtgg gaatcattat gaaaatttcc atcctcaaat agaaaggaga	240
tttgacatat cctcttctct tgctggttta attgatggga agctttgaaa ttggaaattt	300
gcttgtgatt gtatttgtaa gttacttttg atctaaacta cacagaccga agttaattgg	360
aattgggttg tctccttatg ggaactggaa gtattttgac agctttacca ctttcttca	420
tgggatatta taggtattct aaagaaaccc atattaatcc atcagaaaat tcaacatcaa	480
gtttatcaac ctgtttaatt aatcaaacct tatcattcaa tggaaacatca cctgagatag	540
tagaaaaaga ttgtgtaaag gaatctgggt cacacatgtg gatctatgtc ttcattggga	600
atatgcttcg tggcataggg gaaaccccca tagtaccat tgggggattt catacattga	660
tgattttgca aaagaaggac attcttntct gtatttaggt agtttgaatg caataaggaa	720
tgattggtcc agtcattggc tttgcactgg gatctctggt tgctan	766

<210> 3506

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3506

tnaannanag ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgaggtc	60
catacatgga gctccctgga cccgtgtgct ctcgtgtgac tgaacgtttt gtgatgaaag	120
gaggagaggc tgtctgcctt tatgaggagc cagtgtctga attgctgagg agatgtggga	180
attgcacacg ggaaagctgt gtggtttctt tttaccttcc agctgaccat gaactcctga	240
gcccgaacaa ctaccacttc ctgtcctcac cgaaggaggc cgtggggctc tgcaaggcgc	300
agatcactgc catcatctct cagcaagggtg acataattgt ttttgacctg gagacctcag	360
ctgtcgtccc ctttgtttgg ttggatgtag gaagcatccc agggagattt agtgacaatg	420
gtttcctcat gactgagaag acacgaacta tattatttta cccttgggag cccaccagca	480
agaatgagtt ggagcaatct tttcatgtga cctccttaac agatatttac tgaaggaaac	540
taggttgtat tttcagtggg caatgggaat aaagcatttc taaagcaccg actggagagg	600
aaggcaacag aaacaaggag agaagcccga gagacatgtc tgcgtgctgc cacgcatctg	660
ancgattgct cttgtgaaga gtttgtcact gaacattttc aggggaggct gtttaccag	720
cnatgtnctn aacan	735

<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

```

<400> 3507
natngnttgc tectngttct tgcagga tccatcgat tcgagacaac tgaacaa 60
attcatacat ctatggtgac cacttttgac aaaggaatga agaacataca ctgggggaaa 120
agataatgtc ttaataaat ggtgctggga aaactggntn tccantntgc agaagaatga 180
aactagaccc ccatctctta gcatatacaa aaatcaaaat taattaaaaa gttaaactta 240
agacctcaaa ctatgaaaca gctaaaagaa aacatcgggg aatctctcca ggacattgga 300
gtggggcaaa atttcttgtg taatacctga caaacaggca accaaagcaa aagtggacaa 360
atgggatcac atcaagttaa aaatcttctg cattgcaaag gaaataacaa agtgaagaga 420
cacccataga atgtgagata atatttgcaa actatccatc tgtattaggc catttttgaa 480
gtctacaaag aaataacttga gactgagtaa ttataaaga agaggtttaa ttggctcacg 540
gttttgcagg ctgtcaggaa gcatggtgct aacatctgat cagctttagg ggaggcatca 600
ggaagtttcc acccatggtg gangcaaaag gggaataagt ttctccatgg cagggtgcagg 660
gcaaaaanan gggggaaggg aagtgcncna caaccagatc ttgtgagtn cagatttgn 720
ggngggngct tgnngg 735

```

```

<210> 3508
<211> 735
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

```

```

<400> 3508
taaacatcng gctacttggt ctttttgcag ggatcccatc gattcgaatt cggcacgaga 60
cactgtccca ctccatcacc caggctggag tccagtggtg tgatcatagc tcgctgcac 120
ctccagttcc tgggttcaag ccatccctcc tgccctcagc tccccagtag ctggaactac 180
aggtgtgtgc catcacacct ggctttacat ttttctgtgg ggtcttacta tgttgcccag 240
gccggtctca aactcctgag ctcaagtgat cctctgcctc agcctccaga gtatctggga 300
ttacatatgt cggctaccgt gtctggccgt tcacatcttt ggccactatt tgcttgtgaa 360
aaggtataat gaggtggtac ttatcatttt tactgngtct catgttttgt atatttttgt 420
ttcatcaact aagatgcact gtaacatctc tgaaatctgg atatattatc aatggtttat 480
catagttttg ttagcaatac actgtctttt agtggtgcct aaaataatgg tatagtgtg 540
aggtgatctt agatttgatg aagcacagta tgcaggtagg cctaattggg gaagatggta 600
atataaaagc aagaagtatt ttttttttgt aatgactgaa agctgtctgt ggatgacct 660
cccttnctt taaacacgat tntntcactt ncaactncaa acttgctcaa ctaatncttt 720
aaaaataact tgagc 735

```

```

<210> 3509
<211> 756
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

```

```

<400> 3509
tnaaannnnn tngctncnnn nnnnnntttt aaacaanagc tcttgttctt tttgcaggat 60
cccatcgatt cgaattcggc acgagggata ttcattaccc tgagaatgaa atgacctgca 120
attcgaaaat cagctgtatc agttggagta gttaccataa gaacctgtta gctagcagtg 180
attatgaagg cactgttatt ttatgggatg gattcacagg acagaggtca aaggtctatc 240
aggagcatga gaagaggtgt tggagtgttg actttaattt gatggatcct aaactcttgg 300
cttcaggttc tgatgatgca aaagtgaact gtgggtctac caatctagac aactcantgg 360

```

caagcattga ggcaaaggct	gtgtgct gtgttaaatac agccccctctt	gatccat	420
ttggcctttcg gctgtgcaga	gtgtgct cctactatga tcttcgtaac	aaacagc	480
caatcatggg attcaaagga caccgtaaag	cagtctctta tgcaaagttt	gtgagtggtg	540
aggaaattgt ctctgcctca acagacagtc	agctaaaact gtggaatgta	gggaaaccat	600
actgcctacg ttccttcaag ggtcatatca	atgaaaaaaa cttttaggc	ctgcttncaa	660
tggagattat atagcttgtg gaagtgaata	taactctntt	tcctgtccta taaangactt	720
tntaagactt tgctactttt aagttgatac	agncaa		756

<210> 3510

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3510

tntnnatctt gctacttggt	ctttttgcag gatcccatcg	attcgaattc ggcacgagaa	60
gtagaggagg aaagttcaga caatttcata	agtgtctaaa aagagacagt	tntgcgacca	120
ttggncgagg agtaaaangtc gcttnttngn	ncntttantt cactncaa	at nganaaanga	180
antnccagtt tcctgacang cccaacccan	tgctnngcca gttcctgagt	ccacttaata	240
tatttaagag gaaaagatct nggaccacag	gagaatggcg tggattgacc	taccagatta	300
tgaccatgta gaagatgaac tttttcctcc	ttccacctn cagcctntcc	agagagacaa	360
gatgggtgaag gaactgagcc tgatgaagag	tcagggaaat ggacacctgt	tcctgtcctn	420
caaagagaac agttaaaaaga aatntcccaa	gctggatgct cagagattaa	tttcagagag	480
aggacttcca gccttaaggc atgtatttga	taaggcaaaa ttcaaaggta	aagggtcatga	540
ngctgaagac ttgaagatgc taatcagaca	catggagcac tgggcacata	ggctattccc	600
taaactgcag tttgaggatt ttattgacag	agttgaatcc tgggaagtaa	aaaggaagtt	660
canatgaagt tgcngagaat atgacatgag	gccttctact gaatagatcc	tttctgacaa	720
cttattgaaa gtganatggt gcttctgagt	a		751

<210> 3511

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3511

tacaggctac ttgttctttt	tgaggatcc catcgattcg	atcacagggg aatgttagaa	60
gtgtttttatt aatttctttg	tcagacaagt gtttaggaaa	ctctcactcc aggcctaata	120
ctgtgctagg ctctgcaa	at gctaagaggg ggaagttact	gtccctgctt ccaaggagat	180
catgggtcta gtgggaaacc	cgacacgttc aggtaccttc	agatgggcac tcagaagagt	240
aagcccttag ttaatgttta	aagatgttta aagatgtctg	agactcatag gtcaaagtca	300
gatttcagtt ccaccttatt	agacctgcac tgctaaggag	ctgctttagg taaggctgtg	360
ttcctagtca ccagggtgtt	caaacacagt gctgggggca	atgtggggaat agccttcttt	420
tatttaggaa gtaatgtgaa	gtcagtttca tgaatagatc	ttactttaag cattcattga	480
gggttttggc aagaatagag	taccgtatat gaagggtgtt	cctaactctnc ctgcaccagg	540
aataatctag ggctcattan	agatgtcaaa gatctggctc	agtttcttaa cctaaaacaa	600
gagtgtttta attccatttt	ataggcgggg agtctgagcc	aaacatgtta tgtcactttt	660
ccaagcttca tancacaaaa	gtcttctgtc ttcccatcct	gacttttncca cttcataggg	720
actgtcaaag gcagcn			736

<210> 3512  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

```
<400> 3512
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ccatcgattc gaattcggca cgaggagaag ctgacgggca tgtggtggaa acngctggtg      120
gcccggcgca gtggcaggtg cccgtgtcac ggacaggcac ggccccctctg gaccgcttaa      180
aggtcttcat gcaggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc      240
gaagcatggt ccttgaggga ggcacccgct ccctgtggcg cggcaatggt attaatgtac      300
tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agagggccat      360
ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt      420
gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg acctnccgcc      480
ggacggggcca atataagggg ctgctggact ggcggcaggcg tattctggan aggggaagggc      540
ccgtgccttc taccgcggta cctcccaacg tgctgggcat catccctatg cggcatngac      600
ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa      660
accaagcatt ctctgcttct ggctgcggac catatcaaca ctgcggcaaa tagccantta      720
cccgttggcc ttgtccggac ccnatcagcc aaccgtggta ttccataaca an              772
```

<210> 3513  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

```
<400> 3513
agnnnnnnt tttngcnan ngnaaaacttt ttaangaagc tttaatannc ctttctctgg      60
atccctcgag ggaattcgg cagagctac acagttccca ttcnttacct taacnttgta      120
ctgagagaga ccaggtctg acctgtatag cagtttgagt cgaggggctg tcaaaggggt      180
tgccaaagtc atctaaagga cttggcacca gaagtagcat tatgacttng gatccacttc      240
tttatagacc aatattggca gccatgaagc tgcttgcctt ggggtgcggaa ttcagtttta      300
gtggctgaat gcacagacag caggaagaga gaatagggga caatgaacaa cagagagaga      360
agaaatgcag tgtgtaggga acctgcaggt ggtaacagtt gaaactcata tcaatgatct      420
tgctatttta ccactccatg tgctactctt ggctgtctaa tccagcagta accagtattg      480
nattctaggg ccttccccc aaattggagcta ccccccagaat ttctcangct ttttaattcct      540
gaaaatcttt taaactaaaa cttctangtc agttgtcccc aggggaactg aggctgtttc      600
tacctgctgc attgtcagca aaacttgcta catgctaatt attccacttt cagtgaagca      660
atcaatgagt gacagtagga aataactttg anagttggtt ggttcctaac atggcctctt      720
aataatggaa atgagaccaa attgggggacc taatnttgcc aaggaanaat ggnnaggt      778
```

<210> 3514  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (1)...(778)  
<223> .n = A,T,C or G

```
<400> 3514
agnnnnnnnnt tttnnngcnan ngnaaaacttt ttaangaagc ttttaatannc ctttctctg 60
atccctcgag gcgaattcgg cagcagctac acagttccca ttcenttacct taacnttgta 120
ctgagagaga cccaggtctg acctgtatag cagtttgagt cgaggggctg tcaaaggggt 180
tgccaaagtc atctaaagga cttggcacca gaagtagcat tatgacttng gatccacttc 240
tttatagacc aatattggca gccatgaagc tgcttgctct ggggtgcggaa ttcagtttta 300
gtggctgaat gcacagacag caggaagaga gaatagggga caatgaacaa cagagagaga 360
agaaatgcag tgtgtaggga acctgcaggt ggtaacagtt gaaactcata tcaatgatct 420
tgcctattta ccaactccatg tgcctactct ggctgtctaa tccagcagta accagtattg 480
nattctaggg ccttccccaa attggagcta cccccagaat ttctcangct ttttaattcct 540
gaaaatcttt taaactaaaa cttctangtc agttgtcccc aggggaactg aggctgtttc 600
tacctgctgc attgtcagca aaacttgcta catgctaatt attccacttt cagtgaagca 660
atcaatgagt gacagtagga aataactttg anagttgggt ggttcctaac atggcctctt 720
aataatggaa atgagaccaa attggggacc taatnttgcc aaggaanaat ggnnagggt 778
```

<210> 3515  
<211> 784  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(784)  
<223> n = A,T,C or G

```
<400> 3515
gnnttttnan nnnnnnnntt ttaaaanac aagttcttgt tctttttgca ggatcccatc 60
gattcgaatt cggcacgagc cggagagaag cagcaggagg gcggcggcgc cgtgcgctgc 120
gacacacctg ccaactgcac ctatcttgac ctgctgggca cctgggtctt ccaggtgggg 180
ctccagcggg tcccagcgcg atgtcaactg ctcggttatg ggaccacaag aaaaaaaaaag 240
tagtgggtgt accttcagaa gctggataca gcatatgatg accttggcaa ttctggccat 300
ttcaccatca ttacaacca aggccttgag attgtgttga atgactacaa gtggtttgcc 360
ttttttaagg atgtactga ttttatcagt catttggtca tgcagctggg aactgtgggg 420
atatatgatt tgccacatct gaggaacaaa ctgggttatta aatagagcat ctggttaggg 480
actcttttaa aaccacagcc atgaacagac gttggggcta agagacagac agcctgcgac 540
agtgtggacc tacctgtagc agctagcaaa ggcctctagc agctacagtc ccttctggag 600
tctttatttg catgcaaaat gcaaaggagt cctgggtgacc tactccaagc actgcccttc 660
tgaacactcc ttggaaaaca gtaaacatca ttttggaatg tgaacaacca gagactnccc 720
aggagaaagg aaaaaaaaaat tntgaagatg caaaatcttg ggtggcttca ccgtcaattt 780
ttaa 784
```

<210> 3516  
<211> 746  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(746)  
<223> n = A,T,C or G

```
<400> 3516
gnntttnnnn nnnnnnnntt tnnnnatcag ctctgttctt tttgcaggat cccatcgatt 60
cgaattcggc acgagcacag tccttctgga gccagaccg aagccacagt agcagtgcca 120
```

gctcagcaga	aagtcaggac	angagga	ggaagaaaan	gaaggaaang	aacncag	180
gaancntaaa	aggcttagga	angaaa	cntgcaggcn	ctgaagtgga	ggaaaaa	240
nccaaaaccc	caanccang	aaaangagtc	aanganganc	aangntaaga	gaaggagaag	300
gagaaggatg	acaaaaangt	gaatctgcct	gtgtaaaagg	cagatttttt	aattgcttaa	360
tactaagtca	tctgtttnaa	atttggtata	tgtaagagat	tcaagccttg	naatatgaca	420
tggaagaccc	tgtgctgcac	ttaaataatgc	ttgcttgatt	atttgatttt	acatcagagc	480
tttataacac	gaacttttgt	ccagaattgt	gagttgtgcc	atgttacatg	aganggtttt	540
gctagggcct	attattttta	ccaccattaa	ttagttgggg	tggaagtttac	tgtaatgtga	600
aatttcccat	ttgaattttt	aatggctggc	aaagctgntt	tagtcttaaa	ttcancggat	660
gatttgctgaa	tcattncacc	ctgtatgtcc	ttttggnntc	atnaaagttt	cagtaacttt	720
caaaaaaaaa	nnnnnnnnnn	nnnaa				746

<210> 3517

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3517

gnntttnnnn	nnnnnnnnntt	ttatannata	cagctcttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	aaaggacagt	gctacttgta	tatgaaggtt	atagaacgag	120
cggcttttcc	tggcgctctc	tggaacggg	tccggcttag	taaaaactat	gagaaagcac	180
tggaagcaat	agatgaaaat	ctgatttact	ggccccgttt	cattcgacac	aatgtaagc	240
agagattcac	caagatcacc	caatccta	tcgaattaga	aaacttcact	aaagcgacag	300
aggaaacttg	ttcctttgag	taagaagggtg	gagcgtaggg	agaaaagaag	agaggaaaag	360
gcattaatag	ctgctcagct	ggacaatgcc	attgagaagg	aattactgga	gagactgaac	420
aagatacgta	tggcgacatc	tacaacttcc	cattcatgcc	ttcgacaaag	ccctggaaca	480
acaggaggca	gagagtgcact	cttcagatac	tgaggaaaaa	gatgatgatg	atgatgatga	540
ggaagatgtg	gggaaaagag	aatttgtcga	agatggtgag	gtagatgaga	gtgacataag	600
tgattttgag	gatatggata	actggatcca	gcagtgatga	agatcaggat	ggtaaatacct	660
ccatgaggag	gaggaagaaa	aggccttatg	cgaacacaaa	angcnaaatg	cccttganag	720
gnctgcgga	naaccaacc	tnttggaat	ngaatacaac	nggagacaaa	cccgtgg	777

<210> 3518

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3518

taannnatac	agctacttng	ttctntttga	agcnctttnn	ananatacan	gctacttggt	60
ctttttgcag	gatcccatcg	attcgggcct	ccccaccct	gctgcacacc	tacactgaag	120
gaaggctatt	tgcagatgca	gcaagaangc	agccatctgc	aaggcagaag	aagagaccct	180
caccaggaac	tgaataagtc	agtcagtctg	ggacttccac	ctctagaact	gtgaacaat	240
aaattttctgt	ggtgtaagca	actcaatcta	tagtagtttg	ttactatttt	gttatagcaa	300
ccaaagatga	ctaaccagac	aggttatgtc	actcgccaag	tgtcttggtc	tgtttggtc	360
gctataacaa	aataccttag	actgggta	ttacaaacaa	cagagatgta	tccagagatc	420
cacagttctg	gaggctgaga	agtctaaaat	caaggcacca	gcagattcca	catctcgtga	480
aggctcactc	tctgcttcac	agatggcact	gcttgctgtg	ttctcacatg	gcagaagggg	540

caaacaagcc	cccctgggccc	tttataa	aggcactaac	tctatgccta	gcagggc	600
cctcatgact	ctatcaccta	aaaggct	tcacttcttt	atactattgg	gggtagaa	660
ngaacttcct	ttctagacct	tgaaaggtta	agaaatttga	atctattaaa	caagctgaca	720
atngacagat	taacaggaga	aaaagcntat	acatttttta	atgtgggcca	aatggcaaaa	780
gcttaaata						789

<210> 3519  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 3519						
tatagnatca	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcga	60
ataaagcaga	aaaggagaga	tcgctgaagg	aaaagtctcc	gaaagaagaa	aaactgagac	120
tgtacaaaga	ggagagaaag	aagaaatcaa	aagaccggcc	ctcaaaatta	gagaagaaga	180
atgattttaa	agaggacaaa	atttcaaaaag	agaaggagaa	gattttttaa	gaagataaag	240
aaaaactcaa	aaaagaaaag	gtttataggg	aagattctgc	ttttgacgaa	tattgtaaca	300
aaaatcagtt	tctggagaat	gaagacacca	aatttagcct	ttctgacgat	cagcgagatc	360
ggtggttttc	tgacttggtc	gattcatcct	ttgatttcaa	aggggaggac	agctgggact	420
cgccagtgc	agactacagg	gacatgaaga	gcgactctgt	ggccaagctc	atcttgga	480
cggtgaagga	ggacagcaag	gagaggaggc	gggacaccgg	gcccgggaga	agcgagacta	540
cagagagccc	ttcttccgaa	agaaggacag	ggactatttg	gataaaaact	ctgagaagag	600
gaaagagcag	actgaaaagc	ataaaagtgt	ccctggctcc	tttcggaaaa	ggcaagaaga	660
ngagagagtc	cncaaagccc	ggccggacag	aaggaccctc	ggaagctgca	aggancncag	720
ggaccgcagg	gccaaccna	ggaggtgccc	cggaggactn	aat		763

<210> 3520  
 <211> 821  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(821)  
 <223> n = A,T,C or G

<400> 3520						
tnannnannc	annnnnnnnn	nnnnntttga	agccattgct	acttggtctt	tttgcaggat	60
cccacgatt	cgaattcggc	acgagagcaa	ttccactcct	agctccaccc	acaggaaatt	120
gaaagcaaag	acgcaaacag	atgcctgtgc	accaaagtgc	acgggcaagc	atccttcggc	180
cttaatgggc	agcattccgt	cgtcacaagc	gggcattcat	cctttcatca	atagcgggca	240
gcattccgtc	gtcacaagcg	ggcagcattc	ctttcgccac	aagcgggcag	catcttggtc	300
gtcacaagcg	ggcagcatcc	ttcgccaaag	cgggcaagca	tccttcgtca	tagcggcagc	360
atcctttgcc	atagcgggca	aggtggaaac	cctgtccatc	cactgaggcg	tgcatagact	420
aaacatggcc	agtccaggca	ctggaatcca	ggcccgtaga	acggcgccca	cgggtcaaaag	480
gaatgagacc	ctgatgcact	gggcgacaca	gacgggcgac	acagacttgg	agacatcatg	540
ctaagtgaag	agccaggcac	acggagcgga	cggcggtgatc	ctgctcacgt	gatgtgtccc	600
gaatgggcac	gttcagaggg	aagaaggagg	atggcgcttg	ccggtgcccg	gggacnnggg	660
ttgggagcga	cggttgctgg	tttggggttt	ctttctgggg	tgangaantg	gttttgatat	720
ttggnccgtt	ggtgatgttt	gcatacctct	gaatatgctt	aaganccaca	gaattgacca	780
ctttaaatgg	atgaattgna	tggtattggg	aattacccaa	n		821

<210> 3521  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

```
<400> 3521
gnnnntttnt tttnnnnntn anagnaaaaan ctttttgcta cttgctcttt ttgcaggatc      60
ccatcgattc gaattcggca cgaggagaag ctgacgggca tgtggtggaa acngctggtg      120
gcccggcgca gtggcagggtg cccgtgtcac ggacaggcac ggcccctctg gaccgcttaa      180
aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc      240
gaagcatggt ccttgaggga ggcacccgct ccctgtggcg cggcaatggt attaatgtac      300
tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agagggccat      360
ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt      420
gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg accttncgcc      480
ggacgggcca atataagggg ctgctggact ggcgcaggcg tattctggan agggaagggc      540
ccgtgccttc taccgcggtg cctcccaacg tgctgggcat catccctatg cggcatngac      600
ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa      660
accaagcatt ctctgcttct ggctgcggaac catatcaaca ctgcggaata tagccantta      720
cccgttggcc ttgtccggac ccnatcagcc aaccgtggta ttccataaca an              772
```

<210> 3522  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(819)  
 <223> n = A,T,C or G

```
<400> 3522
aaacagctac ttgttctttt tgcagggatc ccatcgattc gggagaaatg ctggccacag      60
atggtgctgc ccaacaggcc cataccactc gttccagtca gaggtgcttg gcctttgttg      120
gatgaatggt cgttggttca aatcaagctt tttccaaatg aacaaganca ctggncttta      180
ccatattttg gcaaggatcc gaaatcaagg gttcttcttt caaagtgctt gccaggggga      240
atcttgaaag aagggtaccc cttgcaacaa aacctgggtc cctgtaaacc ctcttcttga      300
agggaatccc ctgcttgccc cacttggcac tttccaagtt tgcccttccct caagaatgta      360
ttaaaccccg aaccagggtg cttgtcttgt gcccaagacg atcttgggaa acccgggccc      420
atgggatctg tacttgantg cttgctgagc ttcacccact gagagtttac ctctggagtt      480
cantgatgac ttggatgttg tgggtgatgg tatgcantgt ctntttaact ttgctttttg      540
atccttcact aacccttgaa gatcatttan tcaaagaaat tgcttgaaga cacantggat      600
attttgggcc anatgcaaat ggctggagat nggtgcagat cccanggatc tcgaaattct      660
gagaaagctt ttgnaccatt ggcttaaaat ggattggcta ctgcaaattg gaagccagaa      720
ccacttttat tanttgatag tttggggaac catttacttt ggtggattna aattctcgtc      780
tttaaaagaa gtatttctga acatntttaa caaaaaaan                                819
```

<210> 3523  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

```
<400> 3523
taaanaatca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cacgagcggg      60
actggtacca cgcacatcgac cccaccggtc tgctgggcgc gctgccgttg cggagcttga      120
cgcgccactg gtacaggacg agaacgtgcg cgggggtgac accatgaacg aggagtacga      180
gacgagggttc ctgtgcaact cttcacagga gtggaagaga ctaggagtcg agcagctgcg      240
gctcagcaca gtagacatga ctgggatccc cacttggaac acctccagaa gggagtccaa      300
tttgcctca agtaccagtc gctgggccag tgtgtttacg tgcattgtaa ggctgggcgc      360
tccaggagtg ccactatggt ggcagcatac ctgattcagg tgcacaaatg gaggccagtg      420
gaggctgtaa gagccatcgc caagatccgg tcatacatte acatcagcct ggccagctgg      480
atgttcttaa agagttnac aagcagatta ctgcacgggc aacaaaggat gggacttttg      540
tcatttcaaa gacatgatgt atggggatta gaaagaactc aagacactcc tgcttgatac      600
agaacaaaaa gagcttaaca ggaccaacan ggcttaaccc agacttgacg taacagaaat      660
gtgccaatag gtaataggta attttctttc tctgacttgg tttggtttct ttgaaataac      720
actgttgtgt nggctngaaa nggaaaaaaa aaaaaaaaaa aaaaan      765
```

<210> 3524  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

```
<400> 3524
gnntttnaaa nnnncagntc ttgttctttt tgcaggatcc catcgattcg ccaggctagt      60
cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc tgggattaaa      120
ggcgtgagcc accgtacctg gcccttggtg gaatcttttag ggttttctat tcatacatat      180
aaaatcatat cattggcaaa cagagataat tttacttctc cttttccaat ttggatgcct      240
tagatttctt ttccttgccct aactgctctg tctagaactc ccagcactat gctgaataga      300
gtggcaagag caggcatttg ccttggttct aaccttagag aaaaatcctt cagcctttta      360
ccattgagga tgatgtttgc tggtagtttt tcataaatga tctatatcag gctgaataaa      420
tttctatttc taaaaaaaaa aannnnnnnn nnnnnnnnnn nnnnnnaaaa aaaaaaaact      480
cgagcctnta nactatagng agtcgtatta cgtagatcca gacatgataa gatncattga      540
tgagtttgga caaaccacaa ctagaatgca gtgaaaaaaa gctttatttg ngaaattggg      600
gagctattgc tttatttgna accattntaa gctgcaataa acaagttaac accaccaatt      660
gcttcattta tggttcaggt cagggggagg tttggagggt ttttaattcg cggccgnggg      720
ccaatgcatt gggcccgggc ccaactttgg tccctttagg gng      765
```

<210> 3525  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

```
<400> 3525
ggnnntttnn attatacagt tcttgctttt ttgcaggatc cctcgattcg aattcggcac      60
gaggtggcta tccatcaaca taagtaaaaa aaaaaaacac ttnctcctt ccccatatta      120
```

gattat	ttat	taacat	at	aatcag	atgagttcta	taaataat	ttt	gaagtga	180
gagta	ttat	ttttgg	catg	ggccac	cacacagact	ctgtgtgtgt	ctgtgtgt		240
ttata	tgtgt	atgtgtgtga	cagaaaaatc	tgtagagaag	aggcacatct	atggctactg			300
ttcaa	ataca	taaagataaa	tttattttca	cacagtcac	aaggggtata	tctttagatt			360
ttcaga	aaaag	cctttggaaa	tctggatcag	aaaatagata	ccatggtttg	tgcaattatg			420
tagta	aaaaaa	ggcaa	atctt	ttcacctctg	gctattcctg	agaccccagg	aagtcaggaa		480
aagcct	tttca	gctcacccat	ggctgctgtg	actcctacca	gggctttctt	ggctttggcg			540
aaggtc	agtg	tacagacatt	ccatgggtcca	gagtgctcag	aaactcaaga	taggatatgc			600
ctacc	ctcag	ctactcctgg	tttaaagttc	agctctttga	gtactcttca	attctttcag			660
gacact	tggg	tggaattcag	taagtttctt	ntgaacaccc	tgaanggtgc	catccttaca			720
gacta	antgg	agacgtttcc	agatcagccc	aagtttacta	tagag				765

<210> 3526

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3526

ttttta	anaa	aancaggntt	ccta	atnctt	gttntnnnga	nacaggctac	ttgttctttt	60
tgcagg	atcc	catcgattcg	aattcg	ggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgc	gctg	ccaggcatct	gcctcc	gcgg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctg	atgt	acagactttc	caggcaa	agc	gccatattca	tcaacaccgt	cagtcttact	240
gtaatt	tataa	cactggaggt	cagttag	agg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgaca	aaacc	cagccactgt	agccagt	tttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcac	ccaa	tctcaaagct	ggtcgag	aaa	ccacagtnta	aatcagttac	tggaacaaact	420
tgaaat	catg	gtggaagaaa	cagacagt	gt	tagctcatga	tttgatttgg	ttctaccttt	480
ggcctt	gagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa		540
aacact	ggta	aaagtttcaa	cacctccctt	ttgctt	gttat	accataaatg	ggcagtttct	600
gaaatt	tttgg	ataaagcatc	aagaactcct	ttttctgaaa	cgttcctcct	tttttagtgc		660
ctaatt	aaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn		720
nnnnna	aaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaaatcc	aann		774

<210> 3527

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3527

gnnntn	nnnt	tnnnnnnnnt	ttttaaaa	anaa	ancagctact	tggttctttt	gcaggatccc	60
atcgatt	tcgc	tcgagtnncn	aggagacgtg	cagctgtcca	aggctctgtc	ctatgccctg		120
cgccatg	ggg	ccttgaanct	ggggcttccc	atgggagctg	atggcttcgt	gccccctgggc		180
accctct	gc	agntgnccca	gttccgcggc	ttntntgctg	aagatgtgca	gcgcgtgggtg		240
gacacca	ata	ggaagcagcg	gttcgncctg	canntggggg	atcccannac	tggncttnta		300
atccggg	cca	accaggnca	ttccctgcan	gtacctaagn	tggaagctgat	gccccctggag		360
acaccgt	tagg	ccctgcnccg	atgctagtcc	atggtacatt	ctggaagcac	tggcattccat		420
cctactc	aaa	ggcctgtcct	gccanggaag	gacgcacatt	cacctgcccc	angactgcct		480
ggagacc	cccg	gtatcatcan	tggcatgcgg	tcccattgng	aaatagctgn	gttcacgat		540

ggacccttg	ctctggcaaa	ataccc	ttctttcgtc	tgccaatggg	atantga	600
cttcanggaa	tactgatggc	tacttc	caagtacttc	aangaggccc	agntacg	660
ccctaccgaa	accccnttcc	ttgnntgggtg	atgaaaagac	acaatgtaat	agtncccnnaa	720
cccantttca	ganaaaggag	gaggatccaa	cattaaatat	tanttataaa	agaattta	779

<210> 3528  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 3528						
gnntttgaaa	nccctttttg	atnccctcttc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgaggttc	ttcaaagcca	accnagacag	gcttagcagt	tttagagctt	120
cagaacaaat	tgccaaaagc	cagagttggt	tatgctagt	caactgggtgc	ttctgaacca	180
cgcancatgg	cctatatgaa	ccgcttgga	tatgggggtga	gggtactcc	atttagagaa	240
tcagtgattt	tattcaagca	gtagaacgga	gaggagttgg	tgccatggaa	atagttgcta	300
tggatatgaa	gcttagagga	atgtacattg	ctcgacaact	gagctttact	ggagtgcct	360
tcaaaattga	ggaagtctct	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcgggttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctgggtctgc	tcaccagagg	ttcttcaaat	540
acttatgcat	agcatccaaa	gttaaaagg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtgttcgag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3529  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

<400> 3529						
gnnttnnnnn	nnnnntttnt	nnatacagct	acttgttctt	tttgcaggat	cccatcgatt	60
cgcaggcgta	ctgacaggtg	gaccagcgga	ctggtggaga	tggcgacgct	ctctctgacc	120
gtgaattcag	gagacntcc	gttagganct	ttgttgncag	nnnancncgt	naaaaaacnat	180
gtnagnnttt	ccgttgaana	agggaaagag	antnttcttn	atgtttctga	aaatgtgatn	240
ttcacagntg	tgaattctat	acttcgttac	ttggctagag	ttgcaactnc	agctgggtta	300
tatggctcta	atctgatgga	acatactgag	attgatcact	ggttggagtc	agtgctncaa	360
aattatcttc	atgtgattcc	tttacttcta	caattaatga	actcaatcat	tgctgtctc	420
tgagaacata	cttagttggg	aaactccttg	agtttagcag	atttatgtgt	ttgggccacc	480
ctaaaaggaa	atgctgcctg	gcaagaacag	ttgaaacaga	agaaagctcc	agttcatgta	540
aaacgttgg	ttggctttct	tgaaccagc	aggccttnca	gtcagtaggt	ccaagtggga	600
tgtttcaaca	ccaaagctcg	agtggcacct	gagaaaaaca	agatgttggg	aaatttggtg	660
agcttncagg	tgccgganat	gggaaanggt	accggcagat	ttcctccaaa	ggccatgggt	720
acttacacat	tgggcattcn	aaaactgntc	ttntgaccac	actaccaggt		770

<210> 3530  
 <211> 786

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(786)  
<223> n = A,T,C or G

```
<400> 3530
gnttttnnnnn nnntnttnaa gntcttgcta cttgttcttt ttgcaggatc ccatcgattc      60
gcccgaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg      120
acggcctgca gctcccgcgc gcggggaaag ggaagaagtc ctcccntaca aagcaaattc      180
ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa      240
acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca      300
gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta      360
accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca      420
attctggata tggttgaggt atttaccac cagatacaga gttttccaga gcacatggca      480
aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat      540
agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat      600
tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct gggttaattn      660
tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttgggaatt ccattggccg      720
ggaccttngg nttactgnaa gcttccgctt ccaggttnac gccatttttc cttgcttaan      780
cttctn                                         786
```

<210> 3531  
<211> 786  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(786)  
<223> n = A,T,C or G

```
<400> 3531
gnttttnnnnn nnntnttnaa gntcttgcta cttgttcttt ttgcaggatc ccatcgattc      60
gcccgaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg      120
acggcctgca gctcccgcgc gcggggaaag ggaagaagtc ctcccntaca aagcaaattc      180
ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa      240
acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca      300
gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta      360
accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca      420
attctggata tggttgaggt atttaccac cagatacaga gttttccaga gcacatggca      480
aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat      540
agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat      600
tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct gggttaattn      660
tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttgggaatt ccattggccg      720
ggaccttngg nttactgnaa gcttccgctt ccaggttnac gccatttttc cttgcttaan      780
cttctn                                         786
```

<210> 3532  
<211> 783  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



<222> (1)...(783)  
 <223> n = A,T,C or G

```

<400> 3532
gnnttttnnnn nnnnnntttt aaantacttg ctacttggtc tttttgcagg atcccatcga      60
ttcgcccgag gagcggagca gaggcaccca ggcagcctgc gcggagaaat tggatcggcg      120
gggacggcct gcagctcccg cgcgccgggg aaaggggaaga agtcctcccn tacaaagcaa      180
attcacaaac ttggaagaaa cantttacac aggatgtgca gatctcaatg gaaggacacg      240
ggaaacgtga aaaagcaagg aagtgggacg cctccaaagg aaccagtaa ttctccagca      300
acagatcccc atccaaaaga aattcaagaa atgtcatata gagaattgtg gaaactgatt      360
ttaaccaaga ttagagggat tcaagagact tctgaaaaag aaagtaagga aatgtcaaca      420
gcaattctgg atatggttga ggtatttacc aaccagatcc agagttttcc agagcacatg      480
gcaaatgtgg aactgaagaa atcactggat gaaatacaaa gtatactcga aagcttcaat      540
gatagactag atcaagcaga aaaaaaactc tcaaaactta aaatctgaag gcttttactc      600
aattcaaata tttaatgggt tggactctgg ccattcangt gaaccaaagt ctgctggggt      660
aatttttttt ttttttgana tggaatctng ctnttgctgc ccagcttgga atcaattgcn      720
ggacctcggn tnattgcaag cttccgcttc caggttcacc cattnttctg ccttancctn      780
ctg                                                                    783
  
```

<210> 3533  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

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<400> 3533
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ttcgcccgag gagcggagca gaggcaccca ggcagcctgc gcggagaaat tggatcggcg      120
gggacggcct gcagctcccg cgcgccgggg aaaggggaaga agtcctcccn tacaaagcaa      180
attcacaaac ttggaagaaa cantttacac aggatgtgca gatctcaatg gaaggacacg      240
ggaaacgtga aaaagcaagg aagtgggacg cctccaaagg aaccagtaa ttctccagca      300
acagatcccc atccaaaaga aattcaagaa atgtcatata gagaattgtg gaaactgatt      360
ttaaccaaga ttagagggat tcaagagact tctgaaaaag aaagtaagga aatgtcaaca      420
gcaattctgg atatggttga ggtatttacc aaccagatcc agagttttcc agagcacatg      480
gcaaatgtgg aactgaagaa atcactggat gaaatacaaa gtatactcga aagcttcaat      540
gatagactag atcaagcaga aaaaaaactc tcaaaactta aaatctgaag gcttttactc      600
aattcaaata tttaatgggt tggactctgg ccattcangt gaaccaaagt ctgctggggt      660
aatttttttt ttttttgana tggaatctng ctnttgctgc ccagcttgga atcaattgcn      720
ggacctcggn tnattgcaag cttccgcttc caggttcacc cattnttctg ccttancctn      780
ctg                                                                    783
  
```

<210> 3534  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

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<400> 3534
gnnttttnnnn nnnntntttt atnaatacag ctcttggtct ttttgcagga tcccatcgat      60
  
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tcgaattcgg	cacgaggaac	aaaata	tttaaaaatc	taagcagtc	ctcatt	120
aaaggataaa	tcagtagtta	ctttttc	tacaaagaaa	tgggtgtgcc	atggggtc	180
gtgtaggtga	gttttccaag	gattatggta	acaaatgagt	gagacctcta	tggagaaaat	240
attgaaggac	attaaagaag	acctcataaa	tggagagaga	tatatcatta	atggataggg	300
aagcctcaat	ggcataagta	tgtcagtttc	tttcaaaact	cacctatgga	ttcaatgtga	360
ttccaaacca	aatcccacaa	ggtctttcct	ggaattggaa	gccagattct	gaaatgtatt	420
tggaaaagta	aagaggcagg	gttagctatt	tcattaacaa	agaaggaaca	tcaggcaggg	480
agacttgtgt	tattattaag	gcttattata	aattattatt	gtgatcaaga	tagtgtattt	540
ttggtgtaga	gatagttaaa	ttgccaatgg	attgagccaa	atttncaaaa	cagaccaca	600
aataaatgaa	ctctaattta	caacagagac	agtactgcag	atcatggggg	gaaaggatga	660
actattgagg	gattggcaac	ttttttggta	aggctanaca	gccttacgtg	gggtcacagt	720
gtctgtggaa	ntaggcacct	ctgctgnggt	attgtaagan	cactntganc	at	772

<210> 3535

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3535

gnnnttttna	annnnctngt	ttcnngnatc	anttccaagc	cttngtgcag	gateccatcg	60
attcgaattc	ggcacgaggg	gattacaggc	atgaccacc	gcgccagcc	tgtaatttct	120
tatactttgt	attttgtact	tgtattatgc	ttctgaatac	gctataatta	tttatgtaca	180
tgtttttttt	cttcaataga	ctgggtggaac	tcttcgaatg	tagggactcc	tagagctaga	240
tactcaatta	ttttttatta	aattgaatga	cttgaaacta	cagatccttt	atttaaactt	300
cccaaatttc	tgctttatct	aggcaactct	ttaaattctt	ttatctcatg	tagatttcaa	360
aggctgaaat	aattgagatt	ttttagtttg	aagaaaagag	aactgaggat	ttaatgtcat	420
tattattata	tttttaatgg	actgtttggg	agtaagttgc	agacattggt	cactttcact	480
cctaaatact	taaatatttc	ctaaaaacag	gacattcttt	ttttttttta	tggagtctgg	540
ctctgtcgtc	caggctggag	tgcggtggca	cgatcttggc	ttactgcaag	ctcccccttc	600
cagattcacg	ctgtctcctg	cctnactgct	cgggangctg	angcagggga	atcgcttgac	660
ccnggangcg	gangttgcan	anagcctaaa	cgggccattg	gactccagct	gggtaccaag	720
aaccggacct	ccgttggaag	aaaaaaaaa	aaaaactnng	cctttanaac	tttngggggc	780
g						781

<210> 3536

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3536

gnntttnnnn	nnnnnnnttt	taagntactg	ctacttgttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggtt	cttcaaagcc	aaccaagaca	ggcttagcag	tttttagagct	120
tcagaacaaa	ttgccaaaag	ccagagttgt	ttatgctagt	gcaactgggt	gcttctgaac	180
cacgcaacat	ggcctatatg	aaccgcttgg	catatggggg	gaggggtact	ccatttagag	240
aattcaagtg	attttattca	agcagtagaa	cggagaggag	ttggtgccat	ggaaatagtt	300
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	360
accttcaaan	ttgaggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	420

gtcaagctgt	nggtcattgn	gagccg	gntcagcaag	ctgcagatct	gatgct	480
gancaacgaa	tgaagaagtn	gtgggt	cagttctggc	tgtcaccaga	gtcttcaa	540
atacttatgc	atagcatcca	aagttaaaag	ggttgtgcac	tagctcgaga	ggaaatcang	600
aatggaaaat	gtgtngtaat	tggtctgcagt	ctcaggagaa	gctnnaacat	tagaactttn	660
gaagaaggcn	ggggagaatt	gatganattg	ttcaactgcc	aaagtgtgtg	cantcactca	720
ttggaaaaca	tttntctgctc	cagcngggaa	aacttatggg	tacttggn		768

<210> 3537

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3537

agcnnnnnnn	ttnnnnnaat	aaactctttg	caacttcnct	ttttgcagga	tcccatcgat	60
tcgcccagga	tgaactgggt	gcagtggctg	ctgctgctgc	ggttncgctg	agaggacacg	120
agctctatgc	ctttccggct	gctcatcccg	ctcgccctcc	tgtgtgcgct	gctgcctcag	180
caccatgggtg	cgccagggtcc	cgacggctcc	gcgccagatc	ccnccactac	aggggagcga	240
agtcaaggcc	atgttctacc	acgcctacga	cagctacctg	gagaatgcct	ttccttcgat	300
gagctgcgac	ctctccctgt	gacgggcacg	acacctgggg	cagttttctc	tgactctaata	360
tgatgcactg	gacaccttgc	tgatttgggg	aatgtctcag	aattncaaag	agtggttgaa	420
gtgctccang	acagcgtgga	ctttgatatt	gatgtgaacc	ctctgtgttt	gaaacaaaca	480
ttcnagtggg	aggaggactc	ctgtctgctc	atctgctctt	caagaangct	ggggtggaag	540
tagaagctgg	atggccctgt	tccggcctnt	ctgagaatgg	ctgaagaagc	ggccgaaaac	600
tcttccaacc	nttcaaacc	actggcatgc	catatggaca	gtgaacttac	ttnatggggg	660
gaaccagga	aaaaccctg	tcacctgtcc	ggaaggattg	ggaccttnat	ggtgaattgc	720
cacctgacag	ctnntgggtga	accgtgttca	anaan			755

<210> 3538

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3538

gnntttgaaa	nccctttttg	atncctcttc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagggtc	ttcaaagcca	accnagacag	gcttagcagt	tttagagctt	120
cagaacaaat	tgccaaaagc	cagagttggt	tatgctagtg	caactgggtgc	ttctgaacca	180
cgcancatgg	cctatatgaa	ccgcttgga	tatgggggtga	gggggtactcc	atttagagaa	240
tcagtgattt	tattcaagca	gtagaacgga	gaggagttgg	tgccatggaa	atagttgcta	300
tggatatgaa	gcttagagga	atgtacattg	ctcgacaact	gagctttact	ggagtgcact	360
tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctgggtctgc	tcaccagagg	ttcttcaaata	540
acttatgcat	agcatccaaa	gttaaaaagg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtggttcag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

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<400> 3539
gnnttttnnnn nnnnnnnttt tatnnntaca gctacttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgagac taccgccggt acgggtccccc catgcctggc agcttggccca      120
tgggcccggt cacgaacaaa acgggcctgg acgcctcgcc cttgcccgca gatacctcct      180
actaccangg ggtgtactcc ggcccattat gaactccttt aagaaagacg acggcttcag      240
cccggtaact ctggcacccc ggatcgagga caagtgaag agcaagtggg ggtcgagact      300
ttggggagac ggtgtttgcag agacgcaagg gagaagaaat ccataacacc cccaccccaa      360
cacccccacg acagcagtct tcttaccgcg tgcagcccggt ccgtccaaac agaggggccac      420
acagataccc cacgttctat ataaggagga aaacgggaaa gaatataaag ttaaaaaaaaaa      480
gcctccgggt tccactactg tgtagactcc tgcttcttca agcacctgca gattctgatt      540
ttttgggtgg gtgtctcctn cattgtctgt gttgcaggga agtcttactt aaaaaaaaaa      600
aaattttgtg agtgactcgg tgtaaaacca tgtagttaa cagaaccaga nggttgacta      660
ttgttaaaaa caggaaaaaa ataatgtaag gtctgttgta aatgaccaan aaaaaaaaaa      720
aaactcngcc tntaaactnt tntgagtcgt nttcgtaaat ccaan                          765
```

<210> 3540  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

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<400> 3540
nnnnnnnnnt tnnnnctntg aagnnatagc tacttgttct ttttgcagga tcccatcgat      60
tcgaattcgg cacgagatat ttgtacatgc atatttcaaa gacctgttaa tgggtgtccac      120
tttggattct tacatgaaac gattcaagtg gcn cattggt aaggcctaan ggaccacgcc      180
aaaanggggt cccaacttat ttaaagggtat ttcaagtacc cttccaaaaa ngttaaatgg      240
catttaagac actttcanga atgggttaaac tggtcttctaa aacaaaaaact ccctaaagtc      300
tggtccctat gcaatatata tttntaatat accatatata ttttttacca taggaatact      360
cacaaaagtg caagccaata ataacattgg caagaaaaag taatacatat ctgctagggtg      420
acaatatcaa acaattcagg ggaataattt tactttaatt aacattaaca gaatttcttt      480
ttccacttca aatcaatcat atttctgtca tctccaacct aagatatttt ttagattgtc      540
tccctattct ttgattcaaa agccaattac agaaactatg aacttgacct aattctggtt      600
tttgacaatt atgagacaga aataaagaaa tgcaagcagt tcttttcttt gccactgacc      660
attttttaat tcatcatcct ctatgatgat ggtgctttca caactgcagc tctnctgtat      720
gtcaaaatca ttctggttnc aggtaaatgg acaaanggag atttgccttc agtgtctaaa      780
aggcaattta cttttcaagc tgncttaatt acctatgggt                          820
```

<210> 3541  
 <211> 767  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

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<400> 3541
nnnnnnnnnt nnnnnctntg aagcnaagc tcttggtctt tttgcaggat cccatcgatt      60
cgaattcggc acgaggctat gctaaacagc ctttacatgt atggtctggt taaagttcct      120
ttgttccttt tgttttaata aaatgtgtca ctgatttttt agctcaaaaa tcatcactgg      180
taattccaag cccccaat atggttaaaa agattttttt tttaatcatg aagagaaaat      240
tagtagcatt ctttctctcc cattatttat tggttttcct cactaatctt ttttttttta      300
gtccaaaagc caaaaatatt tatcttggtt ttacatttta atttccattc ttaattgtaa      360
tttttttctt taaataagga aaccaatata atctcatgta taaaaactta aatattttac      420
aagttacata tagcatcatt ctaaaataag aatttttttt gntttctgtc tgcttttttc      480
ttatgtctct tgntgagttt tatattttca gtgggttatt ttgcttgngt tagatcatta      540
ttaaataata tccaatgncc ctttgatact tgngctctgc tgagaatgac cagtttgcat      600
taaacaatccc agtctcatcc ttcaggaatt tgcagtcagt gagaagangg agacaaaatt      660
aaagatgagg acagaagcat ctntacagat gaaaattacn taaataaaaac attctccatc      720
aacactaaaa aaaaaaaaaa aaaactcgac ctttagaact ntagggn                      767

```

<210> 3542  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

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<400> 3542
ttaagctana gctacttggt ctttttgcag gatcccatcg attcgggcgg gtctccaacc      60
tcattaagca ccacaggggt cactctggag agaagcccta taagtgcagt gactgtggga      120
aagcatttag tcagagcttc cacccttatt cagcatcggg agaaattcac actgggagaa      180
aaagcctcac gttgtggtta atggtatgtg ggaaaagccc tttagttata gcttcagtgc      240
tcccgaagc accagatcat ccacacggga gagaagccgt acagatgcag tgtctgtggg      300
aaggccttca gccacagctc agccctcatt cagcaccagg gcgtgcacac aggcgacaag      360
ccctacgcct gcacgagtg gtgaagacct ttggtgcgag ctccaacctc atccttcacc      420
agcgagtcca cactggagag aagccctatg aatgtactga atgtggaaaa accttcagcc      480
agagctcaac cctcattcag catcagagga ttcataatgg gctgaagccc catgaatgta      540
ccagtgtggt aaagccttca ccgaagctca aatctcatc accaccagaa agttcatact      600
ggggaaaaac cctacacctg tgttgaatgt ggtaagggct tnagccagag ctacacctna      660
ttcagcatca gataatncac acgggcgagc gcccctacaa atgcatgagt gtgggaaagc      720
cttaatcagc gtctgncctn atcancacca gaggattaca ctggg                      765

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<210> 3543  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

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<400> 3543
gcttgncctn tnccttttca aatngctngg ctactngttc tttntgcagg atcccatoga      60
ttcgaattcg gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa      120

```

ttaggagtta	gaat	tttatt	gggtact	aaggaatcat	tgaagatttt	tttaggg	180
ctgacataat	cagatttgag	gggaacc	tatagtttgg	gactggagga	ggtcaggtgc		240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	caactgacaat		300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtgt	aaacaactaa		360
at	tttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag		480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc		540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt		600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctgggta	at	ttttttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtct	taggaagggt	ancttgtaag		720
acccaaaatt	atnt						734

<210> 3544

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3544

gnntttnnnn	nnnnnnnttt	taagntactg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggtt	cttcaaagcc	aaccaagaca	ggcttagcag	tttttagagct	120
tcagaacaaa	ttgccaaaag	ccagagttgt	ttatgctagt	gcaactgggt	gcttctgaac	180
cacgcaacat	ggcctatatg	aaccgcttgg	catatggggg	gaggggtact	ccatttagag	240
aattcaagtg	at	ttttattca	agcagtagaa	cggagaggag	ttggtgccat	300
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	360
accttcaaan	ttgaggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	420
gtcaagctgt	nggtcattgn	cagagagccg	gntcagcaag	ctgcagatct	gattgatgct	480
gancaacgaa	tgaagaagtn	catgtggggg	cagttctggc	tgtcaccaga	ggttcttcaa	540
atacttatgc	atagcatcca	aagttaaaag	ggttgtgcac	tagctcgaga	ggaaatcang	600
aatggaaaat	gtgtngtaat	tggctgcagt	ctcaggagaa	gctnnaacat	tagaactttt	660
gaagaaggcn	ggggagaatt	gatganttgg	ttcaactgcc	aaagtgtgtg	cantcactca	720
ttggaaaaca	tttntctgctc	cagcngggaa	aacttatggg	tacttggn		768

<210> 3545

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(10)

<223> n = A,T,C or G

<400> 3545

nnnnnnnnnn

10

<210> 3546

<211> 936

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(936)

<223> n = A,T,C or G

<400> 3546

ttangtgnac	nccctggana	accacttgnt	ttttntgcag	gatcccatcg	attcgagnaa	60
atngtcctgc	antcctatat	gcngaatttt	ntnnatatct	tgacccaaaa	taactggggg	120
aaaatatnta	gtngaaacct	tgtatatatt	ataaacttag	ctttgtaata	ttaagtatga	180
aagcagcana	natagatagt	ctcagaagaa	gaagaaaatg	tataaatnct	tggggagagc	240
tgtgataaan	ngactagact	tacctttgag	ttcctagccg	atccctacct	gacagctttc	300
ccagctggga	aaaatctgct	tgggcaagg	aaagggggaa	tatgattatt	ggangaactt	360
cccaccttat	agggactggc	aagaggggat	acatgaccag	ggaatgaacc	ataaaaagga	420
gagaaattgg	acatttaaat	tttacangga	attaagatga	gatctaagna	taatttgaaa	480
gattttgaaa	naaagagcca	aatccgagga	aagatgtaag	gaaagtgatg	gggangggaa	540
aaaaaattat	gggatggtna	agactttcta	aagttaatgg	ggggaggaaa	tccaanggac	600
caccaagggg	aagggtttaa	gaaggggaaa	gganccaaag	gaattttaan	ggaacccatg	660
gttttttcan	cccccagaac	caggggagaa	anccaaangg	gaaaggaaag	ganccggaan	720
ggcttgagc	cnccagggg	gggcttncac	cgnccttgg	taattcccc	acccncttt	780
ttgggggaag	ggcccaaang	gccggggtg	aatccancgn	angggccng	ggagaaatng	840
gaccanccca	tnccngggc	ctaaaccacc	gggggnaaaa	ccccctct	tnttacctta	900
aaaaaatccc	caaaaaaaaa	accgcccang	gggcat			936

<210> 3547

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3547

tattatacan	ctacttgttt	tttttgcngg	atcccatcga	ttcgaattcg	gcacgagatt	60
atacagttcc	ccacattgaa	gttgggaaga	agatatatgg	agagcagttg	aagacataag	120
gggctctggg	gaacagcata	gttttgcttt	aattctccag	cttgttctca	gtaaggggtg	180
aaggagaaa	agaggaagta	tcgattttac	agacgtcaca	tcgtactgct	aagaacagac	240
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acaatcctag	aattggcata	aaaacacact	gactcattac	tcctctttgt	tactattagg	540
catcagagat	acatgttttg	ttgatttttag	ttacagaaat	gagacaaagt	tgaatctgaa	600
tacattggct	tncttgttca	aggagctcct	cttggataca	atagctattt	catgaaactt	660
ctttagagaa	caaccatgat	acttccaaca	agctatttta	gaaacaaaaa	ttatgctgga	720
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<210> 3548

<211> 883

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(883)

<223> n = A,T,C or G

<400> 3548

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ttacttcttc tctgtccatc	agattcttac	cttgattgaa	aagccatgtt	aagtgaagg	180
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ttatnaccta gtccttgata	gccaacagg	gngaataat	tccataata	ttggattggn	480
cattggataa taactaaaac	cnaattgga	ttgtccgaac	acaaatatta	agcttgaggg	540
gatggatacc ccattctcca	tgacgtgga	ttattactga	tgcatggcc	tatggcaaaa	600
atatctcatc tnggcataa	gccccaaact	aaggtnc	ccaggaatta	aattnaccaa	660
nnngccctc cgagncctct	taaaaacct	ttagnngagg	tccggtant	acccgtagga	720
atncccgac ccttggaatn	aaggaatacc	catttggt	ggaaatntn	gggacaaaa	780
ncccnccaaa cctttagnaa	atggcccngt	nggnaaaaa	aaaaaanggc	ctttttaaat	840
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<210> 3549

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3549

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cctggaggaa gctaaactca	gaccaaggcc	ctgggctccc	caggagttaa	aagggaatac	180
gctgtcccaa gattctagaa	tgaagagtca	acgtagccc	agtggcttaa	acctcctgtc	240
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ggaatgggtt gtatttcaaa	agttgctttg	caagttagtt	atgttgattt	caagtgtcat	540
tttaccagg taacaatatt	ataatgattg	gttaccttcc	cagagcaatc	cagaaatgcc	600
cacataaccc atgtcacacc	tgaaccaccc	tgagttcttc	tatccttgaa	cctcttaagc	660
tttnccctaa ctctaacagg	tctcatggtc	cactcaaggt	gtttcatgct	tctcaantac	720
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<210> 3550

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3550

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ctgtatttta taactattaa	ggaatgttgc	agagaaatgc	tatcaattgt	taaaattttg	180
ccatgaatac agcagcctca	ctgaattctc	ttagtagttc	taatagcttg	ccatttgatt	240
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ctctttcacc	tcttaccttc	gtgtttc	tttagcattg	ggcaggtcct	gggatat	360
gtgaaacagt	ggcagtaaca	agacatc	ctggcctctt	tgtttttttt	atgatga	420
agtctcactc	cgttgcccag	ctggagtgc	gtggcacgat	ctcggtcac	tgcagcctcc	480
acctcccggc	ttcaagtgat	tctcctgctc	aaccccccaa	gtacttgga	ttacaggtcc	540
tgccactaca	cccgaactaat	ttttgtactt	ttagtaaaga	cagggtttca	ccatgttggc	600
cagctgggtg	agaattcctg	acctncagt	atccacctgc	ctcgtcctct	ctaagttctt	660
ggattacaag	tgtgagccac	cacgcctgcc	attgnggcct	ctttattggt	cttcttgaaa	720
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<210> 3551

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3551

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gtccagattg	agtagatggg	aggcagggct	gttaccatg	atgggtgttc	ataccagagt	360
caatctacta	gtttgcttgg	ttttataggc	gtgattccca	aattttgaat	ctgaagttag	420
ctgtcagttt	aaattcagag	ggccgcagct	tgtttttcag	gtttttcttg	attctgcctt	480
tggaaaccag	gaagatgttg	aattttacttt	tcatctgaca	atattgcaca	tctgtgaacc	540
caactgatct	gaaagtgttt	acctcttaac	tctgtgaagt	tagctgggta	ttctggatgg	600
ctgggacaat	ggtgaggacc	gttataatgg	ttactctcac	ctgtgctcca	gacgctccac	660
ttggtgctag	aaatcacagt	gaacaaacat	ggttcttgcc	tccacacact	tgcagttant	720
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<210> 3552

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3552

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tgggtgggga	ctgggctgtg	cccagggcct	ctgtcccca	ggatgtcttg	tgggtcgggt	240
cggccgttct	gccccccagg	gcaccccctg	ttgtaggcac	tggctaggga	ggggcaggcc	300
tccttctgcc	cctcgagaca	ctcttgggag	atgcattttc	cgtctggctc	acagggggag	360
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ccccggggca	acangagcca	agcangtgat	gtctttgttc	tcggctccca	cagcagaacc	480
aggtgagggg	gcgcctgcc	nggccagacc	caagtggggc	agcctgaacc	tgcttcccct	540
gtggccggca	tgccccgatc	tttacacact	ggtgaccctg	aaagaagaag	gaggaaggaa	600
ccttgcnngg	gtgtctgaag	gccgcactgt	cagcttggcc	ggtccaaacc	tgtngcttgg	660
aacttggggg	ctgtttacct	aataaaagtn	cccacaagtg	ccctnantta	aaaaaaaaa	720

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ntnnnnnttt 789

<210> 3553  
<211> 775  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
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<223> n = A,T,C or G

<400> 3553  
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cccttccaca ttatactact aattttattta aaatagatag gtatcacact gagaggatat 180  
aaaaaaaaatt tctgcctctt catttttgtt tcttgtttga acagaaaaaa tgaccaaaaat 240  
attgggagta cttctaagga aaaggcaaca cacattccag ttaacacttg gatgtgaaaa 300  
tatcaatgaa tattagaatt tataagtcaa actggctctg ctgctgatt gcaattttta 360  
gttacattca ctattttgtg ctaaatttaa gtcattggta tacgactggc cagagtcctt 420  
ggtttttaaac attactgaga actttatata tactcttaat gggattttta tataatgtcg 480  
aatgaaactt ttatttttag atttttaaaa aatattttgc actttggact taattttaca 540  
ctaaattgta tcagccagcc taagggcatt atgctaaatg taaatctagt tcttggttaa 600  
gcttttattg aaagatangt ggtgctgtaa gttaatatat tgtagtgaaa gtgtgggaga 660  
aaagttaaat tggcacttaa atcttanttt tcaaggaaaa cgtgtcccgc acatactgca 720  
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<210> 3554  
<211> 828  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(828)  
<223> n = A,T,C or G

<400> 3554  
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ggtatactac aatatgattt aactgttatt ttggggataa atagtagaaa aaagtgaaac 180  
agaatgaagg caggtgtttn ttattctaata gatggaataa tacagagata ctggacgatc 240  
tctagcagtt aattattgtg acccatataa aattatacag gtcacagtat aattctctat 300  
taccgntttt acaccagtaa gtcttagata aactaagcat gcttatgaat tatgtataca 360  
gttagaatgc attattttta cagaggaaca attgcttgta tgtactaaca ctgnactctt 420  
ggcttgcttc aagttctact cattattnta tataaaatac tattaggctg ggcacggtgg 480  
ctcacgccta taatcccagc acttttggga ggtggangct ggcggattac ttgaaggcca 540  
ggagttcgag accaccttgg caaaaaatgg ggaaaccccn atctctataa aaaatacana 600  
aaattanccc angtgtcatg gataccatgc ctgnaaatcc ancttctttg ggaaggctga 660  
aggcacnggg aatcggtctt gggccccggg gaancacaag ttgcaaagt gagcccaaga 720  
nccatgccac ttggaccna aancctgggg tggacaagag tgcaacactt gnntcanaaa 780  
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<210> 3555  
<211> 782  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3555

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atnttattgc	ataagttttc	ttctgtgtgt	gggaatcata	tgtgggtgta	tatatgttta	180
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ggcatcngtc	tgcattgtctg	aaaatgccac	gtgtgcattc	tgctgatcac	caaggtnngn	360
ggctgtaggc	atcctctctt	cantgcgtca	gaagtctgaa	gaacatgtag	cngcaccggg	420
gcgncatgag	aaagnaacnt	gtaggattta	tnaactcatt	tcttgaagcc	actcactgtn	480
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agtacangna	tgagngactt	ctctccnnng	gncnnnctat	aatgaactnt	cngaatacctg	600
acttcncgca	ncagtcncnc	ggactcccct	ganctgggct	nnttccgctc	cccacannga	660
aatnangcnn	tnccccattc	cccaaangnc	gnccccccnn	ctnccncccc	nncnccccac	720
ccnccnccnc	ccnccncccc	cccnccncc	cancnccnnn	cncnccnccn	nncnccnccn	780
ct						782

<210> 3556

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3556

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ggcccataaa	tatgtgggtt	tgcagtatca	cggatcagtg	acatttgagg	atgtggccat	300
agccttctcc	cagcaggagt	gggagagtct	ggactcttcc	cagaggggct	tgtacagaga	360
tgtgatgttg	gagaactaca	ggaacttggg	gtcaatggca	ggacattccc	gttctaaacc	420
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tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcagttgga	agatgataca	600
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ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
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<210> 3557

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

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gaaatcaaat agtatgatgc tgctagctcc attctttatg cttgagagtg ctttggctat 300
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ggccattgga attttagtag agattgcatt gaatcttttag atctcttttg atagtattga 420
catattaatg attctaattt cttgaatcta tgaacatgag atatctttcc gttcatgtgt 480
gtattcaaca aattcattat tattattatt antattatga ttattatcat tattattgag 540
acagagtctc aatctgtcac gcaggctgga gtgcacgatt tcggtttact gcaacctctg 600
cctccggctt caagtgatcc tcttgccctc ngctcccaag tagctgggat tataggcacg 660
tgccaccacg cctggctgaa taattggatt tttagtagag acngggattt taccatgttg 720
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<210> 3558

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

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aaccatgcc tccagctcac cagctgcatt gaagcccca gctggcagg agactgctgt 240
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gcacaagatg ttgtccctgc cccagccaa agtctggtcc agaactctgt ccacaggatc 480
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ccaggggtca ccagcagcca acagttcaat ttcacccagg ccctggaccg ccaaacagct 600
actcanctgc ttaactggcc cacaagtaca gaccagagac aaagcaagag aagaagcaga 660
gactgtttgg cccgggccc agagaagct tgctggcnaa ggggacgttc caacgaagag 720
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<210> 3559

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

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cctgogatct tgtttactgt tatattcctg ctgcgagct caggggtctct atgtaaaaaa 240
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ttattaatgg taacaaatga accgtactaa tatgagataa taggggaaac tagatatgga 360

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aagccacttt gagtatttct	cttctgccag	ttaattatct taccattgcc	tctcagtgat	540
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acaatcacia tcccatgaag	gtccacgaaa	agctttcttg ggcttgtagg	aagaagtttg	720
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<210> 3560

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3560

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cccaggtttg aagccagttg	tggcctctta	ctaggtatat	tattgagtct	ttcagctctg	180
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attaagtacg tgaactccta	ttactaaata	gtaatcactc	aagtaaactg	gacaaaatgt	540
cttacggagg gtcacatctc	atgtgaaatt	aaaccatgtt	gcaggcagtg	ctacacctga	600
gattttacac aggtattttac	atttcttttg	cctttgtggc	aatatgtgcc	tggttaagata	660
ggctattaga gaactgggca	atgagnaacc	ctacacnta	aagtacaagg	aagnnatgtg	720
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<210> 3561

<211> 771

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

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<223> n = A,T,C or G

<400> 3561

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ccagtgaacca attctaggat	gaccagaaga	atgattccac	tgggcttggg	agtgtttgct	180
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gatcgaaatc aacaccatct	ctgccagctt	tgggggcctg	gcctcccggg	ccccanctgt	420
gcaccggttg gtcccctggg	cagnccccgg	catacctgtg	gggtgacatg	ctgatgggtg	480
tacagtcact ggctaggcca	gggaactcca	gctatgattg	tgctttntctg	ggccccgggt	540
cacatgttgc ccctgnccac	cccagacagc	gttnncactt	gtaatgagat	ccttggtatg	600
tcaaggagaa aaaggacctc	atagctcatc	tagtgctgtc	ctccattgaa	caggcagaag	660
gaacaatatc ttgaaaaccc	caaaatanag	gaaatgcaag	ggacttcttg	cttggnnggt	720
gngcctggta catcatttct	accagcattg	atgctccagg	ttcaatgatt	t	771

<210> 3562  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

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<400> 3562
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agaaacacct  cccaaattgc  agtgtcatat ctcaggatga tttcttcaag ccagagtctg      180
agatagagac  agataaaaaat ggatttttgc  agtacgatgt gcttgaagca cttaacatgg      240
aaaaaatgat  gtcagccatt  tcctgctgga tggaaagcgc aagacactct gtggtatcaa      300
cagaccagga  aagtgtctgag gaaattccca ttttaatcat cgaaggtttt cttcttttta      360
attataagcc  ccttgacact  atatggaata gaagctatth cctgactatt ccatatgaag      420
aatgtaaaag  gaggaggagt  acaagggctc atcagcctcc agactctccg ggatactttg      480
atggccatgt  gtggcccatg  tatctaaagt acagacaaga aatgcaggac atcacatggg      540
aagttgtgta  cctggatgga  acaaaatctg aagaggacct ctttttgcaa gtatatgaag      600
atctaataca  agaactagca  aagcaaaagt gtttgcaagt gacagcataa agacngaaca      660
caacaaatcc  ttntctgaag  gaattaggaa actccnagga gtaatttaag accttnacca      720
agatncatgt  atactgnggt  acaatgacag ccatggttca tatggttgat ttttattgcn      780
catggt
  
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<210> 3563  
 <211> 838  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(838)  
 <223> n = A,T,C or G

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<400> 3563
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ttaaactctg  gccngccttt cctaattntc  agaccaacaa gtagtgtttt cccattcgga      180
tcgcttanca  naaaatgagg  agagtcttgt  ggccatcanc tttattgnaa gccgaaccac      240
tgttagcaaa  aataccaagg  agaggntctg  tcccactntt gnaanaaaaa gaaccatgag      300
ggccctgcnn  aatncaactg  gaccntgggg  atactcactg aagaaggtn  atctatttag      360
gaatgcaaat  tgtcttncta  ccccagacnc  cccaacaana aanacttggg gtgganggtg      420
anatatnca  gccaaagna  aacngtttgc  atntntcctt nttgggtnga caaagacntg      480
ntnccanatn  gtcctcaaag  gtacataaat  acanacatat gatatttggt tatatataaa      540
cacatatgt  tagtaanatc  cmncatttac  cttggggnga gacttgaaga aacnccagcc      600
ttctttctag  agagcctctg  cttctgggtat tnacctgtca caaaagccca tacctgggtg      660
tcaaaccctt  tccttgtaac  tganggagng  catnttacga atatggnggt agagtaaagt      720
agccaagtgc  ntatnggaaa  atttaagccn  gaaaaannna attannaaaa attccnaaaa      780
cagcccaata  atctnnaggn  tggggaaann  aaaaaccgcn nntnggtntt tttgtntt      838
  
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<210> 3564  
 <211> 676  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 3564  
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 gtgaatgacc ttgntctttt atttgaaata tattttccta tgtcttcatt ttccttcact 120  
 gtctgtggtg atttatgtgc atcagataag acaaccacct ctcccagnct cgtcagactg 180  
 gtctcataca ggagaaagat ctcaacaatg tatccngcca gagattttaa gggcttctnc 240  
 aatctcaaaa acagactgct atatctcctt tttgtggccc actggagcnc ataatgtgnt 300  
 atgtcctgtc agaaccctca tgaatagnat ggtaggagca agactcttta gacatanctg 360  
 aaaagcttac ttggtggatg tgtgtatgca gntccttcta tcttcanggn gaagttganc 420  
 aaagatgttt atctccact attctgtcta acccgaaaga natatttgtc tccattcagc 480  
 tgccccctctg tcttggggag aaagtagngg aaggggcca tctgtgtcac ctcttgnntc 540  
 tgnnggctatc tctcantggn tctacactta tancataatna ttttcaagnt ctgtgcgggtg 600  
 gtgcctcaaa cagngtgaat atccatnaca ggtggggggg cncgaagggt ancataactc 660  
 ctcatatgan anntat 676

<210> 3565  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

<400> 3565  
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 aggtgagctt atcaacgtgc attcagaaag tggttatgat tacaagaatg aagatatccc 180  
 agaggatttg acattgtcag aaaacttcac attaatcgaa ttctcagaga tgtctcacia 240  
 cattgaaagc acaaaagatg aaatgttaga agctggtgca cagtaaggat aaaggagtat 300  
 ggcagttcac caaggcatgg aaaagatgcc tgctccatat gttaaagtta tacagtgaga 360  
 agaaggaggc gaacatagtt cagactactc ttggtagggt tttacaaaa aataaaatat 420  
 ttttaagctca atatttttga cattgcaatg tactttaaaa gatgctggga ttaaaggcgt 480  
 gagccaccgt acctggccct tgggtggaatc tttagggttt tctattcata catataaaat 540  
 catatcattg gcaaacagag ataattttac ttctcctttt ccaatttgga tgccttagat 600  
 ttcttttntc tgcctaactg ntctgtctag aactcccagc ctatgctgaa tagagtggca 660  
 agaacaagca tttgccttgt tnttaacctt agaaaaaaa tnttcacncn tttaccattg 720  
 angatgatgt ttgctgttag tttttcataa atgatctata tcangctgaa taaattctat 780  
 t 781

<210> 3566  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 3566  
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aaattcttct	ttcaaggcag	cttcgt	atctatcatt	ttaccatacc	taaaac	120
agagtccag	gtacatatta	caagcct	tcatacatgt	tggccctcta	aaaagcc	180
tcttcccact	cctttccctt	tacctggtaa	tcctgttat	tccttagatg	cctgctttaa	240
agagatttcc	tttggtaaat	cacctgaac	cctcagacta	gtccagacct	ctctttgata	300
ttttcctctt	gacattcagc	atztatccca	attgaaagta	ataattacat	ttgtgtagtt	360
attagattat	ctgtcttcct	tagtaaaaag	taagcttatg	ggctgggtgc	catggctcat	420
acttataatc	ccagcacact	gggaggctga	ggcaggagga	tcacttgacc	ccaggagttt	480
gaaaccatcc	tgggcaacac	agaaagatgc	catcaatacc	aaaaaaagga	aattaggtga	540
gtgttaaggt	gcaccagcca	ctctggaggc	tgangtggga	ggatcacttg	agcccgggan	600
gtgggaggat	cacttgagcc	cgggaagtgg	gaggatcact	tgagcccagg	aggtcgaact	660
gtagtgaact	gtgatcatgc	cactgcctnc	acctgggcaa	cagantgaga	ccgtgcctca	720
aaaaaaaaaa	aaaaaaactc	gagcctntaa	actatagtga	gc		762

<210> 3567

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3567

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tgcagtgcaa	tactccttct	ggtgtatfff	atccattatt	tcacttgctg	gtcgtcattt	180
cacagccagc	tttgacatgc	ccgtgaggac	aggagccgcc	gcttcagttg	tcactgcaga	240
gccatcgat	gtcagttgca	atftccatct	gaagctatgt	ctttgacttc	actttaagca	300
gaaaattttg	taccctggtg	gtcgagtctt	cccttaaaaa	ttgttaaate	atftggcttt	360
aatggttcaa	taatttgggg	tggtttcatg	gtgtttcttt	tcttcccagt	ttaaaaaaa	420
aactttttta	gcgtaaaatc	tttaaggggt	acacatttat	aagtctggct	aattttctaat	480
atgctaatta	aacattttcc	atfttaaggt	tatatacagt	gaggctcttc	aggacaatta	540
ttttctgggt	tgattgggca	tatgtttgcc	cgtgtaaaca	cggatatgat	aaagtgtcag	600
taacaatgga	aaaggtccca	gaggcattag	gcatactaaga	ngatgccctc	agaaacgtat	660
tctggcttga	tttgtgttat	taacttcaga	agaacctttc	aaatgtccca	atategttct	720
tagtgctttg	ggaaaaaata	tttaacacac	tggtataaaa	tttgtatcag	aag	773

<210> 3568

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3568

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ttgctttcct	gcactagatt	gtgagcacca	tgacattagg	gatcatatct	ttncattgta	180
ctgttancta	cacataacan	actgcatgct	atacgttggn	aaatgttaan	tnaatgaata	240
tcttcncagg	ctagcttttt	tgatcgcccc	aacgcctagg	ctagttttct	ctcatcctgc	300
ctcanantgc	tgtggtgatg	catcccgtca	gcacctgcag	agacancccn	gntggtaatg	360
ttggccacag	nnccagctnt	gctgccagtg	cccatcgatg	nggacatgga	ggcggtccta	420
gcttcaagct	gacggtgctc	ccctgctgat	acanaaactc	ctgattccaa	agctcattat	480



tttgttagnt	ttatgccctg	ttntgtgta	tcaccacccc	catngntaaa	ggtnnt	540
tatgtctgga	gaangaaggc	nggaggg	aggaggccta	atgngetcaa	caccct	600
ttttntatg	aaagtgcctc	aaactcattt	accttggctc	tcanancctg	aggaatgact	660
nnttttcttg	cnanactctt	tggttntctca	tttaaaatgg	acccttgggg	gggaatttct	720
tttcttcaat	ctgacagaa	ctaaattttg	nccctgttnt	caagggnaa	caccaactgg	780
ggcttntact	ngggg					795

<210> 3569  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 3569						
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caggggttcc	cactacctcc	tcagattaga	taatttgctg	gataaaactc	aggaaacatt	180
attattaagg	gcacaactca	gcaacagccc	agtagaagag	gtgcacggag	caagcaccgg	240
ggggacgtgg	agtttctgtg	ccctcctagg	gtggcctcct	gcccagctca	cccttgtgtg	300
tgcaagggtcc	ccgaatcttg	tagttagagt	ttctgtagaa	ctcaatctct	aatcctttcc	360
ttttctcttc	atttctcttc	aggataaggg	accggggggg	cggtgctgaa	agttccacac	420
tctangcact	gggtctcttg	ggtgaccagc	cccatccaga	ngccatctag	gagggctgct	480
tttaatcaca	gcgttagcat	taacagttgt	gattgaaang	ggcttgtttt	gaacaataaa	540
aaatatttct	atctcaggaa	atcccaaaga	tataggaact	gtgccaggaa	ctagagacaa	600
agatgaaata	tgtcttatat	cacatttctt	ttgaattggg	taaagtgcc	ataagacaac	660
aaaaaataat	attaaccnt	ttatataaca	cttgggggta	ggtggttata	aaataatcta	720
aaagatgaat	ttaaagtat	tgggggagga	tgtacatagg	ttatantgcc	aaatacctat	780
gacgttttat	ataagggact	t				801

<210> 3570  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 3570						
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ccctccctcc	tctgtcctca	tgccgccttg	tgcgtgggtcc	ccagctgttg	gtgtcagggc	180
aaggacaaag	accnggaca	cctcangtct	gagtcctggg	gattgccagg	ccctggggaa	240
tgggggaaga	tgtggtcaga	ggctnttctt	gtgaccggng	caagatgtnt	cttntgctgg	300
accggcacct	tttgtttgtn	ccattgggtg	cagatgtgag	cnacatcagg	cgctttctca	360
gtgnatttca	cgagccacan	gtggggctna	tccaagccgn	ccagcanctg	ctgtgtgatg	420
agcaagcccc	acagaggnan	aagctgctgg	ctgacctcct	gcacaacgtc	anccataaca	480
tngcggacga	gaccnngnct	gatgaccccc	gtggnttgaa	gcttggagtt	ncgatttcan	540
agcangtntg	gctatctgan	atacanctgt	nagagccgga	tcccagagta	cctgagggan	600
gtgagctcct	accntccacg	gtgggtgcgg	agnctaagag	gaattctgcg	gtcttgtctca	660
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gtgttctgca	ggtct					735

<210> 3571  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<400> 3571  
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 caattttcaa tgaccatggc acaaatttat ttaaagctga aatacttcac ttctattaaa 180  
 gcagttggct gggatatattg tttttgctga aattattact ctaggaggta aatctaggct 240  
 ttatttacta ctttgggaaa gtacatttaa aggccatgaa tcagaaacta ggttacaaac 300  
 gttaagactc aaaggatctg tatactgagg cctatatattc catgaagtgg ttctctactc 360  
 tcagcaaata tagtattgct gaatgttgta gcattataag caggaaaatc atcttactgc 420  
 acataatcta tccccacaga aacctatgac atttaggtat tatgcaggca tgtgtcttca 480  
 gttggctgtc tccttatttt aacctatgtg ccctataaat acttcagatc caaaagggtt 540  
 tttccacact tcgttataaa aaagtactaa ctagcacata tctgcatttt attccgggat 600  
 ccacatctcc aaaaagttga ttataaagtt tacagcaagc atagaattca aaatttcctt 660  
 ttttttctaa atgaccaaca atacaaactt tctcatgtac acacacatga gaacacacat 720  
 gcatgtcata cacacatcat gcattcatca cacaagcaa gcacag 766

<210> 3572  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 3572  
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 ntttggnttg ntnacatgag tttnatatgc atgcgcattt ttggatgcca aacacatagg 180  
 cagatgaaac taagaagcca gatgctagag atcgcagngc gatgaattga aactagccta 240  
 actggctcca ctggtggagt cattngctca aactactcca aacttttgtt tgntctactg 300  
 aaaacattan tnggaaaggt acagngntaa tttanggcng ggaagcctnn atcncgtgag 360  
 agtnaggtct ntntatgcga tgctggngang gaaggatngg agatgagagt nattttacgg 420  
 gcgcctatct cctcctcttn ctatcntgcc ctggactgag anctcatctt tcatannctc 480  
 ttgcntgggtg gtaggcccag caancggatg gattttaagn atctcagaat tttcanttna 540  
 tcannntca ctntcagagn tccttttntt tntcaagggg acccagtcta actggtttagc 600  
 ttcttttcaa tagncctcct tactnactta cgcctagtca nggacgaana ntaatggtaa 660  
 ctganttact ntctccaac aaancattag ntgattngac tttttacncc tcattcngan 720  
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<210> 3573  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 3573  
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gtttgtggt	ctttgtaacg	gcagccctag	gaagctgatg	caggtgggat	tgattccct	240
gctccagaga	aaggactgtt	ttcacagaag	aggcgatgct	tgaactgaat	ctgaagggat	300
caatgtggct	tcccttggca	aggcatggag	tgaaggtgga	gtatatccca	agtggggagg	360
acagcacgtg	acatggcgca	gggcttatga	aacaacatgc	cttcttctct	tcangtactt	420
aagctacatt	agtaagacca	gaacttagtg	gtgaggggtg	aagctggctg	gacaggcagt	480
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aaccgcgaaa	gggatggcag	cggtgatata	tatagttgaa	agatcactgt	ctgctgtgta	600
gaggatggat	ttggaagagt	caccanagca	ggaataagaa	gttaaagggc	ctgcaccagg	660
gcttgtagca	tagagttttna	gaaagtcttg	gggagaattg	antcaccttg	acctactgat	720
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<210> 3574

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3574

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cacacattcc	agtagtttcc	tctttatttg	tcctgaacca	agttgtagaa	tttaaaggag	180
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ttagctacaa	cccgggactg	ttgccatttg	aacaagttgt	taagaaaatc	tgccatgttt	420
tgctcttttt	caaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctgggttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
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<210> 3575

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3575

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cccaaaagca	aaacctgag	gcagggatct	tgggtgaagt	ggggagggga	tcccagaaag	180
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ggaatgtatc	caccaggcct	taatttatca	agatgaggat	tactcctgag	atgttaactc	360
cttgttgttg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggctt	caggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480

atcaatagca	tctcatccca	gaacta	agaagataga	agagcaaagt	gaatat	540
ttgcatgctt	tcaatactta	atcaaag	ggtcgactcg	acttanaaga	atatacaaat	600
cctgcttacc	attttcagcc	caatatgtc	acgttggcca	agccacagct	gcctttaaat	660
agctaccaact	cttgaaaaaa	aaaaaaaaact	cgagcccttt	anaactatnn	tgagtcgnat	720
tacgtagatc	ccgaccntga	taagatccnt				750

```
<210> 3576
<211> 749
<212> DNA
<213> Homo sapiens
```

<400>	3576						
tttgaancc	ctttgtact	tgttctttt	gcaggatccc	atcgattcga	attcggcacg		60
aggcgaaaca	ccactgcaag	gtgaacagcc	tgggttacta	gcanaaaac	atcattcagt		120
ctgtaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga		180
cccagagagc	aaggactctt	gctttttacag	aacacatat	cttgtggaat	gagaggggct		240
atcatcaant	aagcaaatca	ttcnatgnan	tgtgttantn	tattttccca	ttgctttaaa		300
gaaatgcctt	tnctgggta	acttataann	aanagaggat	nnattggctn	atggntccac		360
aggctgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaactta		420
cagtcatggc	aganggcaaa	tgggaagcca	gcactttaca	tggncanana	aggaggaaga		480
ganagagaga	ggcacgaggt	ggtacacact	nttaancaac	ctgatctcgt	gagaaccac		540
tatggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	cacctcatg		600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa		660
tttgancag	gacacaaatn	caaactcatc	actaagtatc	agngctttgg	gaaaaaata		720
cgtnnntcca	nnctgtatg	atnctnnt					749

```
<210> 3577
<211> 745
<212> DNA
<213> Homo sapiens
```

[illegible]

<210> 3578

<211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

```

<400> 3578
aaatngctag gctactcggt ctttttgtag gatcccatcg attcgaattc ggcacgagcc      60
cagctctttg ggaagctgag gtgggaggat cactcgatcc cagnggntgg agacttgccct    120
gggcaacatn ntgcancctn ntctctaaan atatntnttg catngantng cccgncatgg      180
tggtgcacgt ctatagcccc agctacttca gaggctgatg tgggaagatc ccttaagcct      240
angaggtcng aggttgtagt gagctatgat ngcaccatta cnetccagcc tgggcgacag      300
ancgagactc cgtctcaaaa aaaaaagaaa anngactntn nncgaangga gacacgtnaa      360
agtcttgcta attgtcatat ccactcccaa ntntagcmtt tctggatgat gnccattcct      420
nctgcaatnn ccttatnate catctnaacn ttttgcaacc tatgaactgn ttcgtanant      480
taattactac caatacaccg tatgtacagg agcatangga aatcaanaan antgangaat      540
tnnantctat taaaggccac nagaatggnt nacacctgta atcccaacac tntgggaggc      600
cacngcgagt ggatcacctg agatcangag ttcgagactg gcctggncaa catngtgaaa      660
ccccngtncc tactaatggt ncaaanatta ccaagccgtg gtggcacgtg cctgtgancc      720
caagntnctc nggaagctgt agcangagaa at                                     752
  
```

<210> 3579  
 <211> 725  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(725)  
 <223> n = A,T,C or G

```

<400> 3579
gtgttgaatc nttctcncat naaacncttt gganaccacg cgattcgaat tcggcacgag      60
ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggcgtnatct ggcaaagcct    120
tgtaggtggg actgtggagg caccattgat tgaactgtgt cccctgcagt tcacatgttg      180
aggcccaaac cccagtgtag gctgcatttg gagtagggca gtaattatgg ttaaattagg      240
tcgtatgggc ggggtgctgat ccactaggat taggatcctt ataagaacct gccaccttct      300
ctctgccacg tgaggacatg gggagaaggc ggctgcctcc caccaggag gagcccttac      360
tggaactggt gccctggctg caccttgacc ttggacttct agtccccaga actgtgagaa      420
gtagatttct gctgattacg ctttctctgt tgcggcctga gctaagacag cggcgcttgg      480
ggagaagcag aatttgagga gctcctcant ggcaggctgc cctggccctg ctgtcagcag      540
aggggaatgg ccatccatgc tggccctac cagccggggc ttcantgagc tccccgggta      600
ggtgaanctc tctaactctg tgtccccgc aaacaggccc acgagccaac gcctatgggg      660
tggantgaaa attangaaga aacattaccc gangggtcac tctntttnan aagacctcaa      720
tgnt                                     725
  
```

<210> 3580  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)

<223> n = A,T,C or G

<400> 3580

nggtnagtta	athtagcctn	gtgaactctt	ggaacnccga	ttcgaattcg	gcacgaggag	60
cagagatggc	cacagaagcc	agagaagctg	gacgaggcct	ttttggcaac	aaaagagtga	120
cttaacgcag	ttctaattgtc	ctacattttt	atgctcttat	cctgcagtta	caggataagt	180
caagatacac	ggtctacaaa	gaaattttgt	tctaatttta	taatagtaga	gatggggtct	240
cactatgttg	cccaggctgg	tcttgaactc	cagggctcaa	gcaatccgcc	tgccataggcc	300
tccctaagtg	ctggattaca	ggcatgagcc	actgaacctg	gctgtacaaa	gaaatttatg	360
gcagagagat	atgctcttta	ttttggggag	gtggcatggc	attatcaaaa	tagcatgggc	420
tttggaatga	aaaccttggt	gaccgtgagc	aaaggaagca	tcatttgctt	gtcttcaaaa	480
gagggatagt	gcaacttaac	ctgcaggagt	aaatgagata	acaatataat	agtattttatt	540
aacagagtct	tgctgtgtac	ctatagtaca	tcaagattcc	atttctactt	tttttccttt	600
ttcactgnct	aaaagtttta	ataacntttt	aaataagatg	atggtatatc	aaaagccant	660
tataggctac	taaatatttt	taattatttc	ttaagaaaaa	aatttaagct	aaaagaacca	720
aatgggatat	ttttttg					737

<210> 3581

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 3581

gtntttatcc	tgctcttgca	ntcgtaggac	cctcgattcg	aattcggcac	gagccctcct	60
tgcccagagc	aggcattgct	catccactag	gcacttcttc	ctgccaaaggc	acctcttcct	120
gccaagtcag	tgtctcacga	tccctttcaa	cacagccacg	aggaagccat	gatacatcaa	180
ctggcactgg	caaataaaat	caaacctatt	tgccatatcca	gtcttatccc	actttgttgt	240
tttctctaag	tagttggaaa	acaacatgtc	cagagaaaaa	taccagaact	tattctgagt	300
atgtttctca	gagcaaacct	ttagaatctt	aatgatgttt	agacactcag	gaatgagtga	360
accagttgca	ctgatagaat	caaaacaata	ctgcaaatat	tagtcatgtt	gcctattatg	420
aaatatactt	gtgtgtgtgt	atagatatga	aaaaaaaaact	ctaaagtctg	agttaaagag	480
ccctgccagg	tatagttaaa	tgctctctaa	cctatnaaga	attcaattcc	atttggcacc	540
tccaaatctg	gtatccagaa	ggaagaccag	agaagcagcc	cccgatgcaa	tttgcaagat	600
gtgttctctg	ctgggggtgc	cacacgttaa	cagcagctta	aaaaaaaaaaa	aannttnnnn	660
nnatnnntaa	nnannntnnn	tnnattnnaa	ctnnnnnnnn	ttcttncnnt	ttncnant	718

<210> 3582

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 3582

tnncttaatc	ntgctcttg	atctctgngg	acccatcgat	tcgcccaggt	gaaaagactg	60
ctgtcagata	gcacttgctt	tccccatatt	attcagctac	tgctgacctt	tgacctatc	120
cttggttgaga	aggttgctat	tttggttatac	catatcatgc	aagataaccc	acagttaccc	180
cgccctttatc	tgagtggagt	atcttctctt	atcatgatgt	acacagggtc	caatgtgctt	240
cctgttgctc	gatttttgaa	atacacacat	accaaacagg	ctttcaagtc	agaagagaca	300

aaaggacaag	atattttttca	aggtata	cttgggcaca	ttctacctga	atgggtt	360
tgttacttag	aaaattatga	tgaaaag	ttttctgaga	tttttctagg	atatttgat	420
actccagaag	caatctggag	tactcctggg	ctggcaggcg	aaccgactgc	ggaggcgcta	480
cttggaactgg	aggaaaagga	ggctgcagga	caagctggcg	gcgacgcaga	agaagctgga	540
cctggcctga	gactctgcgc	cttcgcgccca	ttctgtcccc	ctcatggcca	ccttgccatg	600
ttcgcgcggg	accccggtcc	cgncggcgcc	cagaaccagg	cttgccacac	agtccccgnc	660
tgccatggcc	ggntcttnt	ggaatgttgc	ttgttgaana	tgcatataga	ctacccggaa	720
a						721

<210> 3583  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 3583						
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cttgaatgcta	aggagcctgc	tccttatgca	tcaagaaaca	cataaccagg	tacagaaact	120
ctgcagagta	ctcatgagtg	gcaggaggag	ctgtaccaca	agaaggaagg	gctcagggaa	180
ggggacatgt	cttactcact	tgttagcttc	cacggatggg	atgtggcagt	gctcatgaaa	240
ggatcttgga	caagtgtcgc	agcagaacag	ccgtcccat	ttgttgca	cctcacatat	300
atttgagttt	tccggctaga	aggggagatg	tagacatcac	cgggatcagt	gagacccttg	360
gaccctagaa	tatgtgacct	ttttatgtat	caagggcaca	cttgtaaatt	tctgtcctca	420
aaatattaaa	gattgtctgag	tggagatctc	agaagacatt	ttggtctgcg	gcaaagttca	480
gtagatagtg	gctgtgtgtc	aggccagaaa	agttttcttt	atgaaaccag	agattctgac	540
atgatgacta	gtgacaaaaa	taggatgaat	tagagatttt	ttgagcaatt	tattaaacag	600
ctgggaaaaac	ctggcccaga	aatagtgtct	tttctagctg	ctacatcgta	tnctttaaac	660
tgacttgnca	agggtgattt	actgagaatt	taatatgant	ggaataaaact	tctgagatat	720
cnc						723

<210> 3584  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 3584						
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gtccaggcca	ataatcagtt	ggttaagtga	aaaaagtgtt	taaagtgaag	aattataaag	120
aaagtcatta	tggaatctcaa	acttttactt	taattgaaac	cataaaaaaca	tatattcact	180
caccaatgtt	ttatgcaggg	ttaatgcctt	ctctttaaaa	ttggacttct	gattggattt	240
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	300
ttttgaaaca	aagggaat	gttaaaacat	atactgttca	gtaatgccac	ctaattccatg	360
cgggatatgt	cccaggaccc	ctagtggatg	cttgaaacca	cagataccaa	acatgattac	420
tgtcagtcgg	aacatttttt	tttttttgga	gacagagtct	tgctctgttg	cccaggctgg	480
agtgcnnntnc	nnnnnnntnn	ntnnnttnna	antantnntt	cnnnnntanc	cnnttaann	540
tttcnnatnn	tttctnnnnn	ntncnnnnnn	tcttattnat	ntnnnnntnnn	cntntannnn	600
nnntttnnnn	ttcantnant	antctttttt	caccttnnat	nttctnnntn	tcnttttntt	660
nnnnnttnn	ntnttnnttt	ntttnntnt	ntnnnantan	tntntnnnnn	ctcntnc	717

<210> 3585  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

```
<400> 3585
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acgagatgcc tgccagctga gaggcagttg gattccnttn gcngagcagg catttcagca      120
gattcagcag tcagagtgc ccaagaaggg tgcttttagtt tggagtttca aaaggccata      180
ctgtaatagt gaaccagaaa tcaagcagcc ctcagaaaaga ctgaaacgca tctacggatc      240
atctcaatct gattgcataa aggtgggttca agatttatta gtgcttttta ctcgcctctc      300
caatttttca tatataatgt ccagcaccac atcaaaaata acccagcata gatggagata      360
agacactatc actaacacaa tagaaataga tccacaaaag atttagatca gggatcagca      420
cattttattat ataaaaggcc agataataaa tatgttatgc tttgttggtc acatacagtc      480
tcttgnatat tctttttcta tttttgntct ataaccctct aaatatataa aaactattct      540
tagcttggag atcactcaaa cactttctct ggcataatca ganatatctt caaactatgc      600
ttcaaagtgt caagggaaat aactgataag attgaaaaat tccanggaga ngcacaanaa      660
gtcattanaa aaaaaagccc ctanaactat agtggagtcn tattaccgta gatcccgcga      720
tggnataagat ccattggtgg agttcgcg      746
```

<210> 3586  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

```
<400> 3586
aggggttggga ngaagccctt tgaattccnt cggacccatc gattcgaatt cggcacgagg      60
ttctgagcag ttagtacgtg gcagttgtat tattagagga agcctgtctt gttttttttt      120
aaataagctg atagagtgc gattctttta atcaagactg tttgggattg aattgccact      180
cctgcttacc agagtgtagg cagtttttct taaactttcc aagaagactg gtgtcctcat      240
ctaaaatacg aaatgcttac agtaattgcc tcatgggggtt gtttgggggtg actaaatgta      300
gtaggattta ctacatagta agttctcaat acattgtagc tattattatt agttcggtag      360
aaagaatgtg cagattctta tgagttaaag taggctttcg gggagataga ttgactctgg      420
tcttttaaaa gttaattttg aagttgcagt tttgtgatta agccttaaat ctgttattct      480
ttccttctga aatccttaaa aacagaatgt ttagtagaag gtgataacca gatttcttta      540
ttccaagaac tctttgctct catgtctaac ctttattttc ctgggtactta ctgatgccag      600
aagcttctct tagtnaatat aatacatctc ctctctccta atttgctccc cgtctttcct      660
tgtaagggaa aagtaaattt actttccaag cctnanggtt atttatggat tangtgaacc      720
actgaaat      728
```

<210> 3587  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (1)...(787)  
 <223> n = A,T,C or G

<400> 3587  
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 ggcacgaggg cagagtaagt acggtaattt ctgcacccga atgggtagtg ttgcctttga 120  
 agtagtcacc ttgggaagat gtatgtttat tccagtgaag ctgaccttac acagaacatt 180  
 cctagaaccc tctttagaaa ctgtcaactt gtaagggctt tcagtgttg taaatctttg 240  
 tcctttaagg gtagatctat tttttgagga atgatttttt tttttaacag ctaaagagca 300  
 ttagaaaata agtctgctaa ataaaatggg tgaagcagct caggatgatc ttggtgggca 360  
 ggaggagggg ttggataaaa cacaagggtc gactataaag ttgtgaggcc tcttgccctg 420  
 catggcttca aaggtaatcc caaaggggaa ccctaagtgt tcttggcaca tgcaacatca 480  
 agaaaataac tccaattatg ctaactcttg agtgcatatg ttctagtgt tttgggttaa 540  
 aagggtggctt tgttcatttt cagtcattat tcgtataagc agaaatggaa aactccatct 600  
 ctgtgatttc tcccaangga aagatctcat ctactgctta gagaattaaa atgaaaagca 660  
 cttggtgtca tgtctacatt agcccccccc ccccccaaaa tgtgccaatg ggtaattcct 720  
 ggatacctga gtcttncccg tttnggaaaa ntgggtnaag gaccctntaa aactatagtg 780  
 agtcgta 787

<210> 3588  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 3588  
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 acttaacttg accactgcac tccagcctgg gtgacagagc agacaagact gtgtctcaaa 120  
 taaataagta agtaagtaag taaatatcct gtaggtatct atgtgactca aggctagtca 180  
 ctttctatc tatgtccag ttttctcata tttgagacaa gagacttgat tttagcataa 240  
 aggtgagagt tgaagtaatg agtgtgaaag aggaaaggga gaaaacatac agagaagagc 300  
 agaaaacaca agcagctggt aggcagagaa tgcagaaatt caagttagag ctggttgaag 360  
 atgtggtagg ctgactaatg gtgccccaaa aatgtctaag tcctaattcc cagaacatgt 420  
 aaatatgtta ccttacaggg taaaagagac tttggggata tgattaattt aaggatcttg 480  
 agataaggag attagcctgg attatccagg tgagcccaat ataatcacia gcatccatat 540  
 aagacaggca anagagcaga atcagaatag gagatgtgat gaaggaagca agagattgca 600  
 gggattccag gaaggttctg tgagccaang aatgccaggt ggaccctng aagctgaaaa 660  
 angcaaggaa aatggattct tcttctcann agcccttccn cttaaggagc ccagcccttg 720  
 ccagcaaatt tggccaactt cact 744

<210> 3589  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(858)  
 <223> n = A,T,C or G

<400> 3589  
 tttaaanctt taaacaagct acttggtttt tntgccngta tcccatcgat tcgaattcgg 60  
 cacgaggtac ttctaggag tgggtgcatt tgggaatgga attgttaaaa cttgatgctt 120

aggagcgaat	gcagactatt	gggtgt	ttggggtggg	ggaagggggg	gcanag	180
gaggtatgca	cnggagaggg	ctgngct	nctcnnatta	ttgcacaacc	aaaccatt	240
gttctataac	tgcatnaaca	natnataacn	gggccttncn	ngatntatct	taacgcttan	300
nttttncnan	atatanatgt	aactaatcac	tcncttttng	taatnanctt	tnccntnntt	360
ttgtaagaac	gccnctcctc	tgnnactgac	ctttnttact	tccccccct	tgccncctng	420
accttcctgn	tntttctcac	gtngatngtg	gcanttnngg	antaacatna	atgntnaaag	480
gcntngnttc	ttatntaaaa	tttnncactc	tccacnatnn	ntttangatn	aaaaccnnct	540
nntnttncan	aaaancgttt	tnctanttnn	aannaccctt	tttannattt	tttnaacaan	600
aancntttat	ttttntttnc	catnctaacc	ttttacaaaa	ntnnnggtta	accccntttt	660
ttatataaaa	nctnnntnnn	ttatnaanaa	ttaannanta	tttngtnaaa	nncccttttna	720
aaaataantt	naaaangccc	tnnttnnatg	caannattnt	naatntgttt	ancccccncn	780
tttnncncat	nggnnttgtc	ctngcnttna	ncaatntacc	ttcattttta	aaaaangncc	840
canattnttt	tnnnacct					858

<210> 3590

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3590

tgtggttnana	ngaactcttg	caatnccctt	tgcgntnncc	gcaggatccc	ancgatncga	60
attcggcacg	agggccacnc	cgctgtgan	gnattttnngt	nnctnttttn	tnnacctggc	120
atcctnnttc	cttccccncc	tngcnggcac	cgccnaggac	cgncggccgg	gggacgagcn	180
cggagcngcn	gccaggtaga	acnatanact	anatagcact	gaattaacct	gcactgaaag	240
ctgngnacct	gcatnatgtg	cactcatgan	gnangtgacc	ntgtcnnaag	tgcaagtgca	300
agtccagaac	cnatctgctg	ntntnacngg	gagccaaana	ctgaacanga	accagtctnn	360
acggtnacan	ncnangatga	ntatccctnn	tacnactanc	tcnctgccc	ttgaaaatgc	420
nggtngaccc	attcaaaaact	tatgntngac	ccatctncan	atatgacatg	caccagtgca	480
agntgnacaa	aagcatancc	cctctgtaga	actaaagcac	ctgtgcctna	aacttgtaaa	540
aaaacccaat	ggtttaaatc	cggaaggac	ccttaacnca	tcnggantgc	cngtttaacn	600
antaanntac	catcatgaan	aaggaggtgn	catatnccac	cgnggggtann	ttgaccccaa	660
ttgccaaatt	ncccnnttta	ctttatcaaa	gtnggnanct	ttntggngng	agggnaannt	720
atnttnantg	gcaaatgcna	naacnnccaa	aagntncnaa	aaaacnn		767

<210> 3591

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3591

gntntntttta	accntaagga	ancctttgat	gcaggatccc	atcgattcga	attcggcacg	60
agggcaaata	gccctaggag	tcccattttt	ttaagctgag	ggaaataatt	ttcaagaagc	120
ttgtcttact	agtagcatca	ttctttttta	ctggctcaca	gcttggaagg	ggtgatggtt	180
tttcctatga	aagctaacaa	catttgagca	gatccagtgt	gctggtgagt	cacagtgaaa	240
gtgtggagtg	ctaaggaagc	ctcctgggtg	aaatgtaagt	tcagagaagg	tctgcagaaa	300
atacaggtg	aaatgttatc	aaggagccag	ggtattat	aagaagagga	gggaggggaa	360
aaatanaaaa	tcaaatcac	taatagaagt	aaaattccct	attcagaaaa	actagtgagg	420

gctgagctcc	agtaatcaga	aggtcta	atcangtcac	tactgncatg	ggacata	480
gtcactctct	ctttcangag	atgaagc	ttgcgagagc	tcagctangg	aaaggggtg	540
gccaganaca	gcancattaa	ctggcacaaa	tctcaagggg	cctgtggggc	ctgaaaaaag	600
gaggatnaca	ggacatgctg	acagtaaagt	cttcattctg	tgctaacaa	ttttccactt	660
ncctgnngac	tttcctcaa	tggatttact	taaacttttc	ccaaccttna	acaggttaac	720
ttgcntccan	ct					732

<210> 3592

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3592

tncnntttaa	tnccatcanc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagggttc	atgcagtaag	atttgttggt	tatttgtaaa	tagaatggta	ttctatttca	120
aacttttaag	acaaacctgt	tgccgcaagg	ctgatgcaca	ttggatgatg	actgttttct	180
ggttccagat	cttgtctttg	tgatatagga	gttatggaat	gagccctgga	caggatccta	240
agatccgggt	ttgttctctac	ttctactcat	taatagcagt	ttgacattta	atataggaat	300
aatgttaact	tgctacttaa	aacaagattc	tcttcatctt	gttttcaaga	tttcaagatt	360
cttttaaaaa	ttagcatgaa	gtatgggata	atgattgggg	aggaagtatt	tttaaaaagc	420
cttcttgagt	ttttatgcat	attacatttt	tattcaataa	aaaattcccc	attgttttat	480
tgaaatggat	tagttgtcga	tcctctgaat	tagacatatt	ctttaaaaaat	aagatccggt	540
gtcagccatc	taaaatgttt	ttataaatte	atacttacat	tcttttttgc	cggttgcagt	600
cagcctttag	tgccaagaga	gaacattaca	gcattggatga	atgcaattgg	tttgatcatc	660
actggcctcc	aagtgaagta	ataattgnga	attggactta	agngatgaaa	aacaagccng	720
ctgttncctg	tcaggncctc	agaactatag	tggaggccgn	ttaccttnat	ncccgccctg	780
aatnaggaat	nccttggnng	agtttggaca	aanccncaac	tnn		823

<210> 3593

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1035)

<223> n = A,T,C or G

<400> 3593

nncnnttnat	tccatcagct	cttgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gagcaaagga	ttgagagaga	aaacttggct	ttattgaaaa	ggcttgaggc	cgtgaaacca	120
acagttggta	tgaaacgttc	agaacaactg	atggactatc	atcgcaatat	gggctatctc	180
aactcatcac	cattgtcaag	acgggccaga	tccactcttg	gccaatatag	cccattaaga	240
gcttccagga	catccagtgc	tacgagtgg	ctcagttgta	ggagtgagcg	atcancggnt	300
ntcccttcnn	nngcatcnta	tntnaatacn	tntccctntt	ncnntngttc	tgtnttnttt	360
tatannttc	nnccnntnt	nnnctcttn	tccctgtnen	ntttgattnt	tttantnttt	420
ntntttnnnc	tenttntct	tenttttact	atcnntatnt	ctttcntntt	ttctttnttt	480
ntantctctn	tnntctctt	ncttcacntt	ntantncttc	gcctntttta	cnntntnttt	540
tattntntnt	tctngtaatn	tttnttttat	atntntntnt	ttcanntcnn	tttaattcnn	600
tctantnngt	cctttcctta	ttntnatng	ncctannata	ntttcnatan	nttctcntnn	660
nnnctnnttn	ctattntntn	naattcnngt	ntgtntcatn	tcnctnctnc	ttntntntnn	720
ttttntntna	tnntatnttt	nntatcttcn	ntctnncttn	ntanatntta	tctntntntc	780

nttctncta	taaactatac	natctt	nctcnntnt	cntatcta	antnta	840
ttantttctc	tantntntca	ctcganc	nannctcntn	acgntntntn	ntntnnnn	900
nnncttanna	tnttcatnta	anatattatn	atantttatt	tctnttctan	ntntctcnnn	960
atanntnnct	nnantctant	tnctntntt	ntatcntttt	naangtattt	tttttnanta	1020
tctantnnna	tnccc					1035

<210> 3594  
 <211> 992  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (992)  
 <223> n = A,T,C or G

<400> 3594						
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ggaactagtc	atgccaggna	ctaaattttt	gggggcagtg	agggatctgg	tgagaancca	120
acctgatcaa	tgggacagga	cagggagtct	caaaatagcc	ataactgcat	ataaacatct	180
agtatatggn	taccacagta	ttcaattcaa	gggggcaaaa	tagagacttt	ttaataaatg	240
gtgttggaat	aaattatagt	tatttgntca	aagagttata	attttatgca	ttccttacac	300
ccatgcacta	gatgatcctc	caaatggatt	aagactgaaa	tgggaaaaga	aaaaaanggg	360
gggaattccc	tatatcatct	gggnctaagg	gaaaaaattt	tttccaacct	atggacccaa	420
gttcccacat	ggtaacctgg	aaaaaattaa	aaaaaccng	gacctcntcc	tcctcntaat	480
aataatatta	ataantnnnn	aaccttttcc	aatggggcca	aaaaaaaata	aatcccccaa	540
tttaaattgga	aggggnaaac	caattaaata	aaagggaacc	caaaaattaa	aattaaaaan	600
ccanggggaa	aaaaaaaaaat	aatttgggga	ngggaataat	taattaattn	aaccaaaaaa	660
cctnccccag	gaaaattcca	ttaaaaagga	accattcctt	naaaaaataa	tgggaggaaa	720
aaaaaaaaatg	ggaaaaaaaaag	gccaccaag	aaaaaaattt	ncgccaaaaa	aaggnatgga	780
cctgggacaa	cctcaaaaaa	gggtattaaa	aaaaatcccc	ttaaaaatat	gtaaaagggg	840
ttnaacctca	cacatactag	ggaaaaatta	aaataaaaaat	tattccggag	aaaaaagcca	900
cccacagaa	tngacaaaaa	agnccnaaag	cctnggacaa	nagacccttt	tggccaaggc	960
tggccaggan	gggaaaaaaa	aaaaacnccc	ct			992

<210> 3595  
 <211> 812  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (812)  
 <223> n = A,T,C or G

<400> 3595						
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cggcacgagc	ttcttttcat	ttttcttaaa	ctaatttctc	acaattttca	tttttgtcct	120
gagacttgaa	gggaaagtaa	gttttaattc	agaccatatt	atthagttac	atctaattctc	180
tctagacaaa	agacagtctg	gagagtactc	tttagttcta	tttattaatt	ttgtctctag	240
attgagccag	atttcccat	gcatagtctg	cattttattg	gcctctgcag	aattgctttt	300
tctggattgg	actttggtaa	tccatatgaa	aatctctatg	aaatttaatt	gctcgccagg	360
tgtgtgtggc	cacacttgta	atcccagcac	tttgggaggc	tgaggtgggc	ggatcaccag	420
aggtcagggg	ttcgggacca	gcctggccaa	catggtgaaa	ccccgtttct	ccccagaaaa	480
tacaaaaatt	agctggtcat	gagggcacac	actgtagtcc	cagctactca	ggaggctgag	540
ggggaagaat	tgcttgaacc	caggagatgg	aggttgcaat	gagtgaagat	cgtgccactg	600
catccagcct	gagcaacaga	gtgagatctt	gtctcangaa	aaaaataaat	ttaattgctg	660

tggatctgta aanggtgttt	taacag ttcataatat tctatttnaa	cggtggg	720
agaaattn tntggancca	gatgcctt tntctggaatg ntggttgggt	accttaag	780
gccactnaat ttcagctgat	ggtttttctg gt		812

<210> 3596  
 <211> 830  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(830)  
 <223> n = A,T,C or G

nncnnnttta atancaaaca nctacttggtt	ctttttgcag gatcccatcg attcgaattc	60
ggcacgagct tctccaggc attataatat	taggttaatt tagaggagca tatttatatg	120
tggagttaca ttgtgttggc cattcaggag	actgactgtg aaagaatcca aactttatat	180
ttctgccttg ccagtgtttt tttccttttc	ttcactccat ttgagacact cttgacctaa	240
tccagtaaac tctaattaat agtcttggtt	aattctgttt caagccatcc tgagtagcgt	300
cactgacacc cgatctgttt cagtaagggtc	aaattagcat cttttactat ttttctggca	360
tttaaatgaa tgactttgct atgggttttc	aagtgtttat agtaaataatg tccatttgat	420
ggaaatataa atatgcatta agtgtaagt	gctaggcaca ccctgctgtc actttttatg	480
gtaatcaagt gtctttcact ttctgttgtt	tttaataagg accagctgac aacgccacat	540
taaaaccaca gggactcaaa agataactcc	cccacccct caccggcac tgcttttacc	600
ttgcaaaagt attcatgttt ttctcttagt	atgccaatta caccggttct ctgacatttn	660
cacttatgta ctcatgggaa ggaatgaatg	ggttactcaa actgggacca ttgaatttgg	720
ggacacctgg tggactccac tggccttaag	anctacangg ttanttgga acagtggggc	780
accgtgggtt gacttggcct tttntttgcc	agnnggtttt gggccttgan	830

<210> 3597  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

nncnnnttta attccatata gctcttggtt	tttttgcagg atcccatcga ttcgaattcg	60
gcacgagaga aactacttct atgatttcag	ctggagtctg aagatacttg tttctgttca	120
agtcccactt taaattatgt cttaggagac	tgaaagtgga atcttctgag cattcctaaa	180
tatctgctta gaaatatcat gtgataaaga	gggaccttct taatacactg atgttcttca	240
ctaaatggat ggccacaaga aaaataaagt	aaatgtctta aataatttaa ccataaattt	300
tctgtcatgt gatactggaa tatgggatac	ttttcatgtt tatatatata tatatatatg	360
tatatatata tacatatata tatatatata	aacatgaaat atatatatat ggctcctttg	420
tgcccatgt cattttcaga ttatggtagc	atgctgatac agcaccatga aagaactcaa	480
ggaaaatata tcaatgtaag aagttcactc	ttagaccag tgttctgagg tcacatgggt	540
ttggactgtc tcaatcagaa agattaatga	ctgttatcaa gaacatgaac attggcttcc	600
tccatagaga agaaaatcag tatctgagtt	gcataccagg cagtattaaa aatctaacan	660
gtctgttttg ccattgata gatctcaa	at gngtctcct tctgggtatg gattttgccn	720
ttggttaccc tttctcaatg taatggaagt	at ttttacaag ccaattggng gnggaaatgg	780
tgctcttgnc ttttctngnt tacaactac	tttcacattg	820

<210> 3598

<211> 856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(856)  
 <223> n = A,T,C or G

<400> 3598  
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 ggcacgagga tagaataacc aattttaaagt gtcttataga taaaatctag aatgaagctt 120  
 tggtaagaag tctgagctac gtacataaga ttatcagcaa catatatgtt aagggtggagc 180  
 catttaaaaga aagaacagaa gggacctatg atttactgat tgttgaaaat caaaataaaag 240  
 gaggcagaga aaataaagat tgtgagtcag caggactttt gtcttatttt caagtggatt 300  
 tattgattac ttttcttctt acagccaagt gcaagatttg tgaatgggagc tttgaaagtg 360  
 agccactatt tctccagcat atgaaggata ctcataagcc tggagagatg ccttatgttt 420  
 gccaggtatt gcctttttct ccagggaggt ttagcagttt tgctctcagg aagaatacaa 480  
 agaatctact aatgaatatt gttgaccacc tactgcatac actcagttta ggaactctga 540  
 gtaggtacag aagaaatagt aaacacagtt tatcttcang gtttncatgc cnggagaaaa 600  
 acataaaaag aacatgttcc ctacnaaaaa aatttttttt taattacctt gggcatngng 660  
 ggtgcaccac tgtagtccct agcttacntn gggangcttg aaacaaggaa ggctcgcntt 720  
 gagcctcaaa aggataagtc cctaacttcc tcaaggaagg cttccggngg aanctatgaa 780  
 tcatgcctnc aancctgggg caacaagtgg agaattttgg cttnttttaa anaaaaannn 840  
 nnnnnnaaaa ctcggg 856

<210> 3599  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(800)  
 <223> n = A,T,C or G

<400> 3599  
 tttaacnctt tttanancct cttgatcttt tgcaggatcc catcgattcg aattcggcac 60  
 gaggaagaaa gcagatgccca ttttatctat tngcacatca ggactgacag acatgaaaaa 120  
 attggccaag tgggcagcag agtccaagct cgacccaaat gaccccaaca atgccccttt 180  
 gatgcagctt atctcggttg ctaccagngg tgaatcctat gtccctgatt tcttttagact 240  
 ggagcagctg caacaggagt ttaactttgt ttcagatcaa gaattaaata gatccaaacg 300  
 atttaggctt cttcatctta gaagccaaga ggtgccagaa ttccgaaatt ataagcaagt 360  
 tccagtctat gaccgagaaa ttatggaaaa ggtattccag gactatgaga aacggttacg 420  
 agacagaaat gtaatagaaa ccaaggaaca catagacacc catagggcca tagtagccaa 480  
 gtacctncag cagggttagag aatcagngat aaatcgtttc ttaattgcaa aacaatattt 540  
 tntttttggc tgntatggat agnagaagaa gaagttccca atttcancat tttgggncta 600  
 agccttttca agctngccan aacaaaancn gaccactgng gncaaggnga aaaaggngng 660  
 nangaangtg ancnncccca aancctngnn tnnnnggaga cntaaaaant ggctnnngaa 720  
 nattngnnnn nancttacna cnttccaann gnnngaaanc nnnnnttnnn nnaannncaa 780  
 nnnccnnnnn ggntttnnng 800

<210> 3600  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

<400> 3600  
 tnaacccttt aacaagctat tgttcttttg cagatccct cgattcnaat tcggcacgag 60  
 gcgggcgcga ccggaggcng tttccgttac tatggcaatg acggcaggga ctacaacaac 120  
 ctttcctatg agcaaccata cccgggaaag agtgactgta gccaaagctca cattggagaa 180  
 tttttatagc acctaatttt acagcatgaa gagagagaaa ccaggcagaa gaaattagaa 240  
 gtggccatgg aagaagaagg attagcagat gaagagaaaa agttacgtcg atcacaacac 300  
 gctcgcaaag aaacagagtt cttacggctc aaaaggacca gacttggctt ggatgacttt 360  
 gagtctctga aagttatagg aagaggagct tttggagagg tgcggttggg ccagaagaaa 420  
 gatacaggcc atatctatgc aatgaagata ttgagaaagt ctgatatgct tgaaaaagag 480  
 cagggtggccc atatccgagc agaaagagat attttggtag aagcagatgg tgcctgggtg 540  
 gtgaagatgt tttacagttt tcaggataag aggaatcttt atctaatacat ggaattttctc 600  
 cctggagggtg acatgatgac attgctaattg aagaaagaca ccttgacaga agangaaaca 660  
 cagttcttca tttcagagac tgttcttggc cattagatgc cgatccccc gntgggtttc 720  
 attccntcng gatattnagc ccgacaaccc ttttnttggg ttgcccaagg gtcattgtaa 780  
 attn 784

<210> 3601  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

<400> 3601  
 gnaacctana aacagctatt gaacttgtn g cagatccca tcgattcgaa ttcggcacga 60  
 gannaaaggt gtgagccaacn gcgcccgggn tanntaagaa nnatnantnn gnncttgcn 120  
 nanaacatct gtnntnncaa cttantacna acaaatatna nnattaaacn cttcactttg 180  
 ncttnnnaac tgntcnaaac actgncactt tggcttnaaa actgctccca caatntngct 240  
 agcatttttg gngattcaac attcatgtca aaccaccaca ctagggctcc ccagtttctt 300  
 nattnactca ttgttgcatg cacanatttt ggtatgatct atctcagccg gtcctactcc 360  
 ttnggggatt ccttacacct ccaaaatttt gaattataag cntttttctc cnaganctcc 420  
 ctcattnttt tacttatctt aatcattctc ntccaacanc acttnatnta ctttggggat 480  
 gccaaangaat ccgatntctt nttcactcgt cattacctct ntgcctgctc tntcttttct 540  
 tggntgttat ngaccagtt tagaggatgc agagtncttn aatataatca ctactttgaa 600  
 aacatcctca gctgttttgc tcctnttgac tttgcttggc aaaactcagn cntggctaaa 660  
 acttntggcc atttgacact gcctcaaaca ctggngctgg ctacaaacaa ntgctaccag 720  
 catngactgg ntccacttng naattcggac cncacctcat gtaggnctc ac 772

<210> 3602  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 3602

ctaannncngn	gngnctcgna	ccgaac	naaanaggct	nnggcgcac	gnaatt	60
ggctttccgt	ttgcatattt	ctgaactt	tgtggctttt	gttaagtata	aaaaagca	120
tggagtcaaa	tataagccaa	gagtattaca	gagactttta	ggctgactca	gtatctcaag	180
ttctgtgtag	attcatctaa	acactgctgt	tatccatgct	atactttacc	atgttatccc	240
aaaagggaa	catcagcaaa	ttttaccaga	aactgctgaa	ttcaagatat	attcaatata	300
tattatactt	ctgacatcct	aggaagccta	tccaaagaat	acattacttt	gatagaattt	360
gttctttatg	aaaattcatt	ttgactctca	ttgataactt	tattccattt	tgggggagga	420
ctgaggagtc	agtgggatgg	gaacagagct	aactacaaag	tctttgagtt	tagatgggca	480
gcagaagggg	aaaggaagta	ggccgtggga	tatataagga	cttttccaat	ggaaaacaat	540
tgtcagtggg	acctctatga	ctacttgctc	aatttcagaa	ttaaacttcc	tgtatatattt	600
aggtggaatc	aagctgagtt	ctagtcaaaa	tgctcgcat	atttcccatg	aaaaatcccc	660
caaacaccaa	gcagacagaa	cagtggttga	taaacccatc	atattccatt	tctgaagaaa	720
atcatcaagc	cccaaattctt	gttttagaaa	atttctcaag	aactaattct	n	771

<210> 3603

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3603

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ggtttctttt	tttcagagtt	ttgctgctaa	gaaatatctc	ctcaacattt	gacttcatng	120
tggccaataa	tggctctctga	attgattcag	acattcacac	agcttgaaga	agatctaaaa	180
gatgaagatg	agtcattgag	aagcaccaac	aaagtaaaca	gaacgaaagt	ttcagtcctcg	240
gatgcaaata	gaccctcagt	gggggagata	ccccagagtg	aactcatctt	gtatttatca	300
gcttgcaaat	tcttggaacac	agcgctttct	tttccacctg	acaagatgcc	attatttcaa	360
atttataggt	gggcatttat	tccagaagtg	gacacagagg	gccctgcctt	cctgtcggat	420
gtagaggaga	atcaccaaga	atgcaaacc	cacactgtca	ggattctaga	acttctaaaa	480
ttaaagtttg	gggaaatcag	tagctctgat	gagatcacca	tgaagagtga	attcccgtct	540
ctgcgccaac	attctgtttc	cagcatcagg	cagttgatgc	cattcttcat	gactctaaat	600
ggtgcattta	agaccagag	acagctgcct	gctgatagcc	caggaactcc	attcttggac	660
tttctgtcc	agatgcccaa	ggatcttaaa	acaactggga	agaatgcac	gnaatatgaa	720
tttctggaac	cn					732

<210> 3604

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 3604

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gcacgagggg	agcacaggcc	tgcccttgca	cccatgctgt	acagtgcggg	tactagactt	120
gtggccggtg	ttgtgctgtc	ttctcattag	catgcaatat	tcaattgact	gaattccttt	180
ttagctaaga	gaaatattac	agggcatgat	catttttaggt	tattaagggtg	tctaactcaa	240
tatgtaaaact	gctgaaaaga	attatatgtt	tntatcagat	aatctcaaca	tttcaaaaga	300
caacacattc	agactacttc	cctttncccc	caacttttat	ctaagtgnctg	naacccccat	360
gactagtgn	cnaaanangn	gttttagtna	aattnnagtc	accgtgggat	nacaaangca	420



accctggatt	cccaatcctg	ttggggg	ggtttntng	gccaaatnga	tttttc	480
ttgggcaana	aannttttnc	ttaccat	taccnggaac	cccantantt	gcaactt	540
ttgggnaatt	ttttttaagg	aaaaaaaaacc	tggaaatngg	gggttaaatt	cttggnaaaa	600
nttntttttt	tttaaaaaac	ttncatttt	atttttaaaa	aaaccccccn	tttaaacctn	660
gggggntect	tttncctttt	tggaccttaa	nttaaattgga	anngatttgg	ggaacccaat	720
anantnaata	nnantatnnn	aanaananaa	ttnattnatn	ttntancnaa	ntaaaaaaa	780
aacccctttt	naacnttttg	gnggggccgt	ttcccnnaaa	cccnanctta	tnanaannnt	840
tnntaatttn	ggcaantc					858

<210> 3605  
 <211> 1718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1718)  
 <223> n = A,T,C or G

nctctaaaaa	tatctttttt	nattataaaa	ctttcnaaaag	tcttatngga	cnttngggna	60
actccttaaa	aaacntccnt	naaaaaataaa	gggnaggntct	ttntttgggg	ncctcccaaa	120
nantttcnna	tactctaact	gctcanenca	cnctcnacca	tcactcaaca	tnatatntctn	180
tacacattnt	atctcncana	cnnantacna	ctctnattac	tctnctatat	atntacnaaa	240
ctactntcct	natnntactc	tataccnata	ctctctctat	cntctatctn	tntcatactt	300
anagnngncn	nataatcata	tactanatca	ctctnnnctc	atacaccant	ntnccntatn	360
tatntcntca	natctcattn	nttatntnac	natannctac	acncnntnac	atctaacata	420
nntnnataac	natctcannt	tatctnntnt	ncaannctcn	mntatcactn	cnattcattn	480
aannacttan	accnccnntc	annnnnnaca	ncnncaacntt	ancntntctc	cctannctna	540
ccctcncata	catattnnnt	anncnccnat	ccttacntna	caantntcat	cctancnct	600
tcnactntca	ttctccnttn	ccttnatnac	ccaactcnca	ntcacaanat	ncntccncac	660
cactcttntc	antacncaac	ctattcatnc	nncatnatan	tnntntannc	ncatacacna	720
ccccatncta	tnatcaancn	ntcantcctt	cntttntaat	catnnanccn	nctcnntctc	780
tatnatgnnc	tctgccccta	nnntatcatc	ttcacnacia	cnenactctn	nctnccanac	840
natcntnata	nacncantnt	cactntattc	taacatnant	nnanaccacn	tactccatan	900
tcnntctaac	atactnnatt	aanaatanat	tactnctcnt	atntcctnct	atctcnatca	960
ctcctccnnc	ctcattacac	atctcttata	atctcnmnat	ncncatntct	ntcatctctt	1020
ntatcntctc	tatnnnactc	tcctatcnca	tnatcnnaan	cattactntn	tnatanatn	1080
acactctcnc	atcnetcata	ncactatntc	ncttntttata	tatntanatt	atcatcgtat	1140
acntcnctac	tctcnatcac	tcatnatact	atanactnta	tnccncatat	cacanaacna	1200
cctntcatnt	ntcacactcn	ctntnnntana	ctatntcnca	ctcctcacan	ctctcatatc	1260
tctatacatc	nctactctnt	ntntnctntn	tnatcntctt	ncattntntn	ctctatcntt	1320
tcnntcatat	ncgntntcan	atntnacnat	catctctncc	atctntctct	ngtctntnat	1380
tncttccacn	atctctcttc	anntttacac	acacntacat	tctatnttct	ctctatcttc	1440
tnctctnacc	tnctctcnctn	anacnacata	tcttatatcn	nncatntcat	naennctact	1500
atcatacnca	tantacacca	tatntntnca	tctctctncc	antnccntat	ctctatacnc	1560
tctatatcnc	ntttcatata	tanttacnac	atnnctatan	attcntatat	ctctaccata	1620
tactntcttc	tactctatca	ngtaantatn	ctaannattt	attatatcnc	ncantctctc	1680
tcacncaccn	ctctatcnca	tcntntctcc	tctatccn			1718

<210> 3606  
 <211> 1015  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1015)  
 <223> n = A,T,C or G

<400> 3606

gggggntttt	aaannttntg	ggcttggttg	gttgcaggat	cccttcgatt	cgaattcggn	60
acgagactgg	actaatatca	ttttaataa	tattgctntt	tagcttcaaa	agacagagcc	120
tccagcatat	tattattatt	atagtaatct	gattcctttg	caattcagag	aactcacctc	180
attagtgtct	ccttgctcta	tctgggcctg	tgggaaaata	cccttgcata	tttctatggg	240
natggncac	nggancncca	tctgncctta	acatttttga	agnattggac	ttttnaagga	300
agcngnacnc	aattcccntg	gtncntncna	ttctagaanc	ccgnaancgt	ttcccngncn	360
anttaaaggg	gaanttntcc	ccccttgntt	gtttgccnnc	ccccngtttt	ttacagnngg	420
gccgggtttt	aaaaaagana	ngtgnttntt	nttnaaaaaa	ttannatann	nntcnntttt	480
nggggccatn	ncccttntng	nncnnnnngg	tgtatgnacg	aaccnnannn	atnantntta	540
ntnncnnntt	ttnanttttc	ccacgnnctn	tnnttncaat	tatcnantct	cnggtactcn	600
gggcctcnat	cncaantnta	natacccctt	nnnttgcgnc	ncnananatan	atgnnnncnc	660
ctataantnn	ggantgttgg	nnnccnaana	natnntntan	tnatangtan	tgtnnntctn	720
nnnctatac	ccnctgtngn	ttgtgcancn	ctcgngtacn	ctnnnnacan	natnngntat	780
aatanntngt	ctcccnntag	ntgntntana	gtgacnntcc	ttntttaang	naccatctnt	840
cggnnancgt	nactaacctn	antttancan	ctcntcntat	naaancgtna	ccccgcctnt	900
gnaatggngg	gaatngnatn	nnnaagtnnc	ntnacaangt	nnngtcttan	ngtntgcctt	960
cnctcgtatn	tntannttgc	gnnacannng	gtgnnnaann	taaaggnncg	cgccn	1015

<210> 3607  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 3607

tggnttttna	aatttttnat	gcgttggttt	tgcggattna	tcgattcnaa	ttcggcacga	60
gcctagtgtg	ccatcagact	ttcagcaact	tttatcatcc	agatagtcac	caaatagaat	120
aaaatagaaa	aatcccttga	gcaatgaaac	aattgtgaat	gaacacaaag	tccatgaatt	180
taatccttat	ccgtttgctg	agccaagcat	gtgcatctgc	agtgggtggc	ccaggctggc	240
agcacagata	ccaccatttc	ccttttcttt	gtcaggggca	tggcctgttt	atctcgttgc	300
accagatgan	gggttggaag	gatgatgggtg	gtgggtgttt	cagatctact	gacagcaatg	360
agaaatcaat	gacagttgac	aggaagagag	gaccntcca	caggcaaaag	aggaatgcc	420
agcaatcttg	gtccttgcn	tgcaatactg	gccttgaggc	caagtcagca	ggggattcgt	480
aagtcaacta	cttctaactg	aggcagggaa	agtaccatgt	tctggaaaaan	gtaccaagaa	540
acnnggaatn	gangcagtgt	ancaagaagc	agatttttgt	gccaataga	tttgaatcct	600
ggttctgctt	cttnctttgt	agagtatgat	attgggtctt	ttnctnccaa	agctntnttt	660
aaagacttaa	tatgtncncc	aaatcttttn	ggatgtctga	cttttnaatg	cttnacaata	720
ggnatttgct	ggnattatta					740

<210> 3608  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

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<400> 3608
tnttcnaant tccnngctct ttttttgc aggattcctc gattcgaatt cggcagcagc 60
ttggaggctg tttccagcta gagaaagacc tgcttatttc tcaactgaata aggttccaac 120
aggctgccaa atcctgtgta tgctgtacc caaatggaag gaggccttt cctcaattca 180
taaaaaagac aaagacagtg gtagggatca gctattatgt cagtacatga aaggaacccc 240
ctatctcaat caaatggta aaggaagctt gtctcaaata acagcaaaga aactcagttt 300
accagactat aaaagttctt tggtaagaa gataaagagc tctncagaat aagaatacct 360
atacatgtat ggatgtgtgg aaagtcgaca aaatgtgtnc aagcaagttg aattctggaa 420
actttgagtt tagcaaata gagggtaaga aggtgttac cgtatttgag gaaccagatc 480
ttgaagggtt catattccat aataagtata atatgaatat taattttgna atagaacagt 540
ttctacctgt ataaaaagga agccttaaag agatngaagt tagagattta ctcatanggg 600
ggatgattgg taactactta cttatttccg gaantcaaaa agaccctant ggaatngggg 660
gattntangg ggaaaaaaat ngacctctt tctcaaagat gaaactgnaa atttttttac 720
cttaagaccn ttgnaanaat ggaaattacc tttttaacct tgg 763

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<210> 3609

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(730)

<223> n = A,T,C or G

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<400> 3609
cgtnttcaaaa ttttnaactc ttgtcttttg caggatccct cgattcgttg gtgtgtaaat 60
aaaacttttag aaagggtcta ttgaactttg gacaggcaag ctccatgagc tctccctcac 120
tctttgaggc aggttaaagg gtacggccat gaccaccacc ttaatccttc agggactatt 180
tacaaaagat tgaaaaatgt gccaggggcc cgtacctgcc cctctgtgga actagcccaa 240
ctcaagtggg ctggcaggca agcctggctt tcatggggac agaagagaga gtttgcgggg 300
agcttggcat ttttcaacac atgctttttg gcttctccta ctgnattgna atttccatga 360
tatttggttg gaaaaatgga caccgggnc tttttgcttt ttgncgtctg cttttcagct 420
attggggatt ctgcgccttg ggataatgaa gcangctgtc atttncctcc cctaaataat 480
gcattacaaa gtggaaatgc aaatttctct tgcaagctct aaataccagg tggattttcc 540
ttaatatatt gnttttgacc tttggggaaa ttggtattac nagctgactt tggaaattaa 600
aatacatcaa ggnctcatt ttaaataaaa caatcgatat cttattttt aaatcagact 660
ngattcnatt ccnggaaaag acatncatat ttgcttttat nggtnaaagt ttggaattca 720
ggaggacaat 730

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<210> 3610

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

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<400> 3610
ntttgaaatt tcgntantnc tttnttttt gcaggattca tcgattcgaa ttcggcacga 60
gatacgatgg ggtgcttggg ggatggggcca tggaggtccg tgagctggaa ctgggcacac 120
gccatcccag agggctcagg atgccccagg aaggaaagaa gggcaacaga ctacacgatt 180
ggacgtgtgt ggttgactgg gatgaagttg gagggagggg cagggccttg caggggattg 240
gtactgatcc cagggaggaa agtggtgggg cttcatgaac tangatgaaa ggagcccctg 300
accatgacaa ggggcacatc caggatttnc gccaccctga atttagtaga nctaatangc 360

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cctggttggt	actnttgggc	aatgcc	gtnaaccttt	ganggtncgc	acttgt	420
gtgttgccct	cttgtntctgn	ggaaaca	tncacctt	gtcttaacca	actttg	480
cttgtgtnt	cancaanggt	tgnctttcc	caangactta	ctgnatgtac	cengacccta	540
agccttgcc	ttcacatatt	nggagctttt	ggattcatnt	gactttgacc	centctgctn	600
tcacttgngg	cctgaactgt	tgatcaatgt	tggcanaatn	aaccnccttn	tnnanctaaa	660
gctactttac	catccatata	atgggattna	aaaaaaaaa	aaaaat		706

<210> 3611  
 <211> 885  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(885)  
 <223> n = A,T,C or G

<400> 3611						
ttnttcnaaa	tttcggantn	ctcnttctat	tgcaggattt	natcgtcctt	aatttcggca	60
cgaggcaagc	tggagagctg	cagaggctgg	tagcgtggct	cagtccaagc	acagaggcct	120
cntnaccatg	gaagctgatg	gtataactca	gtctgaggat	gaaggcttca	gaacctgggg	180
gactacaggt	gcaagttctg	gagaccgaat	gctggagaac	cttgagttct	gatgtccaag	240
agaaggagaa	aaaggacttc	ccagctccag	aagagggaaa	aagcaaattt	ggctttcttc	300
tgtcttcttg	ntctatctgg	gtcctctgct	gantggatgg	tncccaaaac	ttttgggtga	360
aggtagggtc	ttcttaccct	gntcatggat	tcaaagcca	atctcttttt	ggaaacactt	420
tttccagnac	ataccccctt	naaataaaaa	tnnttttance	ttgtatcttc	ttnttaaaaa	480
ntaataaaaa	aatttttaat	attnntatnt	tncnntnttn	nnnnncctg	ttnaanntnt	540
atttttntn	anngactnaa	ntcnntacnn	tnnctcttcn	ntannatna	antntcnant	600
tnancttnna	ntnnatcttt	tnanntnna	ntanacnnt	tnannnct	tnnatantna	660
ctatnttctt	tgtttantnt	cacanttatc	tnntctctnt	ntatgttnt	aattctactn	720
tnntatttta	aatgtcnat	ntntatctnt	nanaccatnt	tnncncanan	tnnttatcta	780
nttctananc	ctttatntn	tnntcttat	tnntgtctt	gtntntatcn	atntnttat	840
ntcnntntan	tnctntant	nttannatn	antanantn	tnccn		885

<210> 3612  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 3612						
gnntttttta	atccagctct	tgtcttttgc	ggaccctcgt	tcgaattcgg	cacgagaatt	60
gataataatt	agacaaactg	aactaaattt	ttttaacaga	tacctgagtg	ccaagcttaa	120
cagataacctg	agtgccaagc	ataataaaca	ggaaatatac	acttcaaaaa	agaaaaagaa	180
aatgaatgc	atacttatca	aatacttgct	gtaagagcat	taagtacttt	acataagtca	240
aatcatttaa	tcctcatgac	cctaagaagt	tatttttaaag	atcttttgag	aatgagaaaa	300
aaggatgagt	aagggtaggt	gatctatgta	aaacaaataa	attctagtna	ctggcaaaagc	360
tgagatttga	cctaaatcaa	tctgccagaa	gttctgagtt	atcttccatg	tgcctcacat	420
agcagaaagg	gagatggcat	aagcacatnt	caggcctaga	ggtaacatat	actctggcaa	480
aagcntaaaa	ggtctatgaa	atcttacagc	aaggaaaggc	tatttctaac	agggaggact	540
cagaggaaaag	gaagccaccn	tttaaagttt	gggtacctgg	aatnaatttc	ttaagacntt	600
tccccagatn	ggaggaccgc	gggaaagaaa	gaaanccttc	ccaggaaggg	ccaanccngg	660
agccatggtg	gtcaatggtg	gtggtttaan	gggccngaaa	aaaattnggt	ggggaaaccc	720

cnacccccag gncncgggaa  
nnanaaaanc etc

aannnnn nnannnnnnnn nnnnnnnnnnn

780  
793

<210> 3613  
<211> 870  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(870)  
<223> n = A,T,C or G

<400> 3613  
ntttnnnnnn tttagnnggc cnttgcgntn gntctttctg caggatccct cgattcgaat 60  
tcggcacgag caacagtccc aaccagtcca attagaccca tttggtgctg ctccntttcc 120  
ttctaaacag tagatacttc tgatggattc tcggcattaa ctctgtttc aaaaaagtgt 180  
gaacagtttt atgaatttga aagaaaaattt gggtagctct ttatagcatt cattcttaaa 240  
gatcagtcca gaatanggtg attctaaata aaccaatng aagaatgaag tatctctaca 300  
gggtagtaac ttggattcct cttcagggag aaaaagggag ctttaaattt gcaagcctct 360  
taacctaaag gggtttcttg gntncctngc cttttccaac ccccnnaaa tggcnaagtt 420  
gttgggggcc ctttncctat tgnnnaaaag ccccttttg ggaccntttt ttaangggng 480  
gngttanncc cncntttnt aaaagggnc cctnggaaa cccggtggan ttttttgat 540  
attcncnaaa agnggcaatt tttttattgg ngcnnntttc cccttcaaaa anttangggg 600  
gnaattttct accataccnc ttaagtttnc acccttnngg aaaatttttt ttttaaangg 660  
gccccntttt taaaatttcc cagacaaggt taaaaaccna tnttanttat tntttnaaag 720  
ccttttnnaa aaggtattat ttttngnnna agggcnnntaa anttttnagt ccttannccc 780  
tttttttcnc aaaaactanc cnnnaattaa ccgcnttttt ggggcctaaa anaactnggn 840  
cattttttta aanaaaaggg cctntttaat 870

<210> 3614  
<211> 1046  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1046)  
<223> n = A,T,C or G

<400> 3614  
ggcggtcct ccgnggaaaa accccttttn gggaaattcg gggtagnga aaacnctttg 60  
gggnaaacct ccgncgcnaa aaangcgcng agnnnnngng aacggngnnc cacnngcann 120  
nnnntnnggn ggancccnng gnacgggttt nccncttttn nancgngacn ngngggcacg 180  
ggggancngn gcacnagnan canaangcac ggagccggcc nnaangngan agtaanncnc 240  
ctaangaang tagangannn aaacatggnt ncncacaaag gcangagcag caccttgggg 300  
ctgctggnaa gcccnnnatn atgggggncn ncttggacna ngtnccnggc naaagggggc 360  
gggggcatnc naancnnc cctcncncat nngcaancnn cnnancgggg naaccaacc 420  
agngcgaaat anccancggn gccntnaatg cgcnaaacca nggggcanca cggaggggcc 480  
tnngcgcggn nacaaggcnc acccctngna cacgngngng gggnacnna cncnccanacg 540  
agcnggcanc gnancccnnc ncatnanggg acccctacnn nnnnggggcg nnannntnng 600  
cgnggggggc acantaccan nanacaccgc gngcganaca nncnttccaa accacggacg 660  
aaannaccnc gggagnatan taanaccnac ncccaaanng gnncangcac aatcggcaac 720  
ccttgggnnn ntncntnang ggagcccgga nccccccacc cagnntccnn gananncaat 780  
ggnncnccnt cnannaccnc nccnntaanc cnggggcnc gngggnaang gnnngangccc 840  
ccnnnacggg ggnenttana gncctaaan antnaccn ngntnncaca aacnncaana 900  
agnggcann ncccccggn ganncaaaag nncgcganc cnnnnancnc cnnnangntc 960

ntcngnncnc nccacnngn cgcnc gggagnncan nggnnnnccc nctncc 1020  
naaaagcngn gntcnncnc 1046

<210> 3615  
<211> 743  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(743)  
<223> n = A,T,C or G

<400> 3615  
agggtgctc ttgttctttt tgcaggatcc catcgattcg aattcggcac gagaaaagga 60  
gccagaactt gatgattttg aaaattctca gcctttctgg ttggcagagg gtgatgaaat 120  
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggc ctaaagataa 180  
agccaagact gtgcctttta agcctgctgt taagacctga naaggtagtg ccttagcatc 240  
ctcttcagtc aactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg 300  
agcccaaggt agaggtanaa gagttcctct tggagagatc tatgggtata gcttttgnct 360  
attgcngtga gatatgcnnng aaatccactg tagctaggac tgacnngaaa agaacngtnc 420  
naaatgaaaa gagctgtcgg caccctagc attctgctgg caggaaccag ctgagaaaagt 480  
gctcangact acacatgccc ctttcatcaa aagggaaaaga tgactcanaa gttggaagca 540  
ngagcctaga natgaaggcc aaaagtcag ggagaattct ttttccaatg gttgagancc 600  
taattcangg aactttcaag nggtttgncc ctggctngga attcannaag tccagtattg 660  
ggatcaatgg actctttttg nngccccccc caantttcct gggcctttcn ttttggtang 720  
aaaaaagggt ttttncctt ttt 743

<210> 3616  
<211> 906  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(906)  
<223> n = A,T,C or G

<400> 3616  
gnnttnnttt ttctaagggc ttgctccttn tntttctgca ggatcccatc gattcgaatt 60  
cggcagcagc ccacacntgc catattgaac cgtttctgca ctaatcttct ncacgggcac 120  
ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta 180  
tctggnnaaa aangaacact ttttggactt antgtaatng ctntngnccc tgtaaaagggc 240  
aangctance ncttaacttt cccanmttna ctttttnagc cagggaacca aatgnaaagg 300  
gttaatggtn tnnatggaa caggactact ttgcttcccc tttggnggac aaantttccc 360  
tagaaacaan cttacccttn aaaacaccca aaaacnttcc caancccccant cntggnttgg 420  
gcattagnag agcatggtn gtncccaaac tttacccaaa aggggacntt ggggagccca 480  
ccctttntga cttctgtg gaaattactt tntannngag gaacctggac ttggccttgg 540  
antanaaaaa cccctgttaa atttncctn naanttancc nnattcccct taaaagacnt 600  
tttntnttgg gaaaganttc atttngcctt gntacntatt tccctttttt tngngtggca 660  
ttaaatttaa tttatttaa accttggtt caaactggac caacatttgg gttttcttnc 720  
caacttangg gaaattttt gaanttcnaa aactgnttcg ccttttgaaa gancttngct 780  
ttttttttgg naaaanngtn ttnggaattt gggctgttaa ccnaantttc cnttnttgg 840  
aatcccnnaa gganggggcn anatatctt gggcaaaaaa aatnnctngg taccctttt 900  
tggntt 906

<210> 3617

<211> 1235  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1235)  
 <223> n = A,T,C or G

<400> 3617  
 ctaatnctgt aacctanntt tcttgacgcc nnctcgcnc taaactacnn tgnctnnggn 60  
 nctcncct tacnccaccc ctcaccccn tcttttntnt ctcgnggcc tnccccccc 120  
 ctccnctn nntggccnnc nccctancn ccccnctnct tcnncctcgn cnntcncct 180  
 cnttccnc ctncccccct tctcncnnt ctncccccct cccccccctc tccgcacctc 240  
 tctntcccc tncctgtct ccccnccct ncccttccn ttcctctncc cnntacttc 300  
 cncctcctc nactccctc ctctcncn ctncctntnc tncnctcan cccccctc 360  
 cctctcacc cnccttccc cnnnccct cccccctc tnnntctct cnncnncn 420  
 ctctccttc tccctnncn nccccctc nccctctacc ctncctccc nntcctcct 480  
 ncctacctn accttccc nnnccnctn acnncanncc tctcctcnc tcnctnct 540  
 cncctcttc ctctcctc tncnctnt ctcctcttt ctcnctcc tctcctcct 600  
 nntcctct ctcttntat cctctcttc cncnctnc tcnctntct ntctctct 660  
 ttcctctct ctctcctc tctctctc tctctcnc tccactct tctctnttc 720  
 taccctct cncctntca ctctctcct cctctanc ttnctctc ctncctctn 780  
 tntcctnct ctctctccc tctccttc cncctctcc tctctcctc ntctctctc 840  
 nactcctcc tccccctca ctctcctcc tctctcttc ctcccccc tncctctcn 900  
 cccctncnc tcnngncat cccccctct ctctcncct tccnncnc ttcctctcc 960  
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<210> 3618  
 <211> 999  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(999)  
 <223> n = A,T,C or G

<400> 3618  
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 gaattcggca cgagcccaac cccaggtgtg ccgctgtctg cccttgagag cctgccccn 120  
 cgtgtgacc ccggagatgc ncgcccgtgt ggtagactgg ctggtccang tgcacgtagg 180  
 agtacctggg tctggtgtgt gacacacttt atctggcggt tcacctgctt gattcctacc 240  
 tgagcgtgtg cccngtgcg tntacatngt ctgcaactgc tgggcgtggg ctgacctgtt 300  
 tgtggcgtgc aaaatgggaa aagtgcgtgc tttcngaga cccnacttnc tntgnntct 360  
 tgnnngcgga nntcttttt ttannnggng ggaactttat tgnnctnccc aaacnntngc 420  
 anttctnnn ncnccnctn gaattttctg ggcttnanta ccaaanncn gnncganng 480  
 nttgtancct tncggacttt tttggmncn nctcttttnc aangganatn aaatcccccc 540  
 aagttgaaat ntttancatt gtgncanncn taaatttnt tgggaanctt ggtanttttg 600  
 acttgganag ncnccnaatn gccnnccng ggattttgga aaacccccggg ttnctnctn 660  
 ngcnnggttt ttgngnntt tttttnnacc ctngggngn ccaannnnnn attttgntt 720  
 tctaaaatng gggggcctng gggcttttca atnggggtt tcatagcncc cannaaaan 780  
 tntttttaac aatatacccc ctannngnt aaantttgng ggnanaaccc ccttttntat 840

aagncacctn	ttntnaaaaa	ttnttta	aatgggnan	atcnntnta	tanacc	900
tntanganaa	atttctcacn	acatttt	tgtnatatan	nnggatnnnc	atatttg	960
gtanaccaaa	aatatttta	tgttggacnc	cnaaaaaann			999

<210> 3619  
 <211> 879  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(879)  
 <223> n = A,T,C or G

<400> 3619						
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ttgttaccca	tggcctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttgttgaca	tacttgttga	catgtncac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	nntnaacnaa	tgtaaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaaggg	aacattnana	atatnctnnn	360
nacntttctc	tgaagacctt	acnatttcta	ttacttcaaa	actcccnnta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnccc	tngtganttt	tacctttgat	480
ctacaangcn	ctcctttcac	nnttcnnggt	cnttcttacg	ntancegnat	cctntttcct	540
ctntttcccc	anccatcctt	cccnataat	tgcccnctcn	tcnanttaac	cctcnctctt	600
tgcnttgnaa	cccctcgccc	ccctcctcg	cnnccctttt	cttnangatn	ctccccctng	660
ccatccnnac	ccttcgcnnt	aacccccanc	ccctctncta	ccttttctnc	caaaaacgtn	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tnctacctc	tcaanctcnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnta	ntccatntnt	840
acactctccn	nanctcactn	ctcnccnnnt	acnctacct			879

<210> 3620  
 <211> 959  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(959)  
 <223> n = A,T,C or G

<400> 3620						
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gggggtgagtc	tcattcttcac	cctttcacca	actgtcctgg	taacaatctc	ccttccattt	120
ccttggttctt	acagcatacc	ccatagaatc	aagcctcggt	attgccaggg	ctgaactgac	180
ttttttgttt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aatctctgtg	240
ttgatctaata	tttaccatat	tcttcactcc	actgaccact	ccaattagga	tactcctggc	300
actcttggnnt	ttagagaggg	ttagatatgt	ggctatttat	ccttttggnc	ttnancactn	360
ggnttttgnc	ttttanctaa	accnggantt	ttcctgggga	nccaaaaact	tgtnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaattnn	gggaaaaccc	cccaangcct	tgtgnggggt	480
ttttggccan	ncnaagggcg	ttantattnt	ngnnctnata	atttttcggg	gttggaaaaa	540
cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	ggggngnatn	600
tttcttgga	taggcncct	tgggaaaacc	cccaaatnc	ttggaacagc	ccgcaaataa	660
anatttgggg	nccttcnctg	ggnnctttct	ttaaaaanaa	nggccttttg	gnancctttt	720
tnggggggaa	aaagntgggg	gccctattta	aatttcggaa	aacgggaaata	cgtntccctc	780
ancaactttt	naaaanaann	tncataaagg	nnaanaaata	acctttgggg	ngcccccttt	840
aagaaacccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaatat	cccaggancn	900



tttggtttaa aggaanccnn      ggatcn aaaatttttg gggacaaaa      cccct      959

<210> 3621  
 <211> 839  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(839)  
 <223> n = A,T,C or G

<400> 3621  
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 aagtcaggat aagtaaagca atgctgcagg aacaaacaat ccccaaattt cagcagctta 180  
 ctacaaaaaa atatgtattt ctactcatg ttcattgtcca atgtgtgtta gcaaggagat 240  
 actgtctctc acagtcatgc aagaccctt gctggggaag ctgcacctnc atatatgctt 300  
 ctaccatcac cagggcagag gagaggagc atggtggatc atcactggct cttaagactt 360  
 tacttgngng acatatgtna cctntactca tggntnatnn ggccaaccaa ttacatgggc 420  
 atagnctnac tttaaaagg gcaggagaag tgcaaaactta tcatggggcc caaggagaag 480  
 agaatcanag tatttctgaa cagntttaat ttttggccag accttgaaag tncttaagaa 540  
 attagcttcc aaaaaatatt atggaatatt tttcaattct tccaaagcca gcctggtant 600  
 ttnggattca ccaaccggga aaggctcctg gnaacttctt aaaacttggc naggggaggc 660  
 cttttacctt ggaatggtnc aannaaattt anctcnattn aaantttcaa accaaggggt 720  
 caaaaattcc aaccgaatgt tnanccaant ggggncncca aacctttgaa acccngnng 780  
 nccccncttt nacttaagct tacttgnnnn accngaactg ggnnnaaaan ntnntccn 839

<210> 3622  
 <211> 874  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(874)  
 <223> n = A,T,C or G

<400> 3622  
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 tcccatcgat tcgaattcgg cacgaggcgg ctggcgggcaa aacctctcga tgagccctg 120  
 cccgatgccg cgggggagag gccgngacgg gaccgagaag tgggctggga gcagaggctg 180  
 cggatgtggc nagcgaggcc ggggcccatg cngggaccgg aaggggccc n ggagtggcng 240  
 gcacgccagg gtcagggtgc cggncgaggg angggggccg gggttnggga aggggncng 300  
 gtgagggagg ttaaacagcc ttgcaggcct nngggnaccg atgttggacg gcncngcng 360  
 natgtgcgag ggcccgtccc gcatctcggg gcccatcccc acatacngac gctctgtcct 420  
 gacaactnca tgctgccgac tcngctcaag ggcgctcga tggaaaccgc tgaactggac 480  
 ttgctgactt ccnacgggcc ctggacacna ncgntgccnc tngggccctg gcattangtc 540  
 cngngggccn gaaaaggatn ctggnagnnc cggtnacgcy ccngcctttc gggngacntn 600  
 ncttnnntgc naacttcgag ggggggatct taaccttaag gttccctggg gngccctttt 660  
 ttttaaaaga nnggaaaagg gacnccctta anggncccc nttgaaaaaa agggatntaa 720  
 acccttggan ggcccggggt tncaannggg aaagaaattt tcaaaaaaan cctcnttttt 780  
 taaaaaaaaa aaccnnggg aaacnctntt tancccnng ggnnaannct anggggggnc 840  
 caantncccc aaaagggncc cccctttgn aaaa 874

<210> 3623  
 <211> 749

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(749)  
<223> n = A,T,C or G

<400> 3623  
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attcgaattc ggcacgcagg tnngatcctg cactcnnttt annagaccct tgncnnaatg 120  
ccntgnngga gaggccngga gcgggaccga gaagtgggct gggagcagag gtcgcggagg 180  
tggcgagcga ggccggggcc caggcgggga ccggcagggg cccgggagtg gcgggcacgc 240  
cagggtcagg gtgccggggc agggaggggg cccgggggtg gggaaggggg cccggggagg 300  
gaggtaaaca gccctgcagg cctcggggca ccgttgcttg gcggcgccgg cggcatgtgc 360  
gagggcccg cccgcatctc ggggcccac cccccagacc gacgctctgt cctgacaact 420  
acaggcggcc gactcggctc aagggcgcc ctagggaaa gcgctgaact ggacttgctg 480  
acttncgacg ggccctggaa ccacgtcccc gtggccctcg catcggtccc ggtgccggag 540  
agatcctgga gcgcggccac gcggccgtcg gggacgtgct gttgcaactc aggggggatc 600  
tncctaggtc ctggggcctc ttntcaagan gaaggaccct taaggaccat gagaaggaga 660  
acctgagccg gatcaaggga gatttaanaa acctttaaaa gaacanganc cccaaccng 720  
ggancaaggg ccaagccaag gcccttna 749

<210> 3624  
<211> 740  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(740)  
<223> n = A,T,C or G

<400> 3624  
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aattcggcac gaggcctccc gacccccctt ctccccctcc ccacctatcg tcatgacggc 120  
ctctccggat tacttgggtg tgcttttttg gatcactgct ggggccaccg gggccaagct 180  
aggctcggat gagaaggagt tgatcctgct gttctggaaa gtcgtggatc tggccaacaa 240  
gaaggtggga cagttgcacg aagtgctagt tagaccgat cagttggaac tgacggagga 300  
ctgcaaagaa gaaactaaaa tagacgtcga aagcctgtcc tcggcgctcg agctggacca 360  
agccctccga cagtttaacc agtcagttag caatgaactg aatattggag tagggacttc 420  
cttctgtctc tgtactgatg ggcagcttca tgtcaggcaa atcctgcac ctaggcttc 480  
caagaagaat gtactattac ctgaatgctt ctattccttt tttgatcttc gaaaagaatt 540  
caagaaatgt tgccctggtt cacctgatat tgacaaatgg gacgttgcca caatgacagg 600  
agtattttaa ttttgagaag agtagttcaa tctctcgata tggagcctct caagttgaag 660  
atatggggaa tataatttta gcaatgattt cagancttat aatcacagg ttcagatcca 720  
gagagagtgg attncaagtt 740

<210> 3625  
<211> 745  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(745)  
<223> n = A,T,C or G

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<400> 3625
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tcgaattcgg caccaggcct cccgaccctt tttctcccc tccccaccta tcgtcatgac 120
ggcctctccg gattacttgg tgggtgcttt tgggatcact gctggggcca ccggggccaa 180
gctaggctcg gatgagaagg agttgatcct gctgttctgg aaagtcgngg atctggccaa 240
caagaagggtg ggacagttgc acgaagtgc agttagaccg gatcagttgg aactgacgga 300
ggactgcaaa gaagaaacta aaatagacgt cgaagcctg tcctcggcgt cgcagctgga 360
ccaagccctc cgacagttta accagtcagt gagcaatgaa ctgaatattg gagtagggac 420
ttccttctgt ctctgtactg atgggcagct tcatgtcagg caaatcctgc atcctgaggc 480
tnccangaag aatgtactat tacctgaatg cttntattcc ttttttgact tcgaaaagaa 540
ttcaagaaat gttgccctgg ttcacctgat attgacaaac tgggacgttt gccacaatga 600
cagagtattt aaantttgag aagagtagtt caatctctcg anatggagcc tttcaagttg 660
gaagatatgg ggnaatntaa tttagcaatg atttcaganc cttataatcc anggtttcag 720
atccngagag agtgnattac aagtt 745

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<210> 3626
<211> 735
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

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<400> 3626
agtnntnnnt tntgactcnt tgctggnnna gcgggctttt tgcaggaccc atcgattcga 60
attcggcacg agccccaccc attagttnntg tgggcctgcc caacaccttc ctgggttcac 120
atccggccag acaagaaaga agccaaaaaa ctttccgtct accactgcgc ctccctcatgc 180
ccaccccatc ctattagcct aaaatggaac gggctaatta gtttatttgt atagggaggg 240
gtttcagctg cctggacaaa accaggagtc cactgtccaa gcttcttctg ttttctgag 300
ctcagaagaa aaaaagtgtg ttagactaag ataataccgc cttttgaata tctcggcttc 360
atatttgcct ccatgagtga gagggccaag tgttatctgc aagttgaatc ttctatatcc 420
aaaaatctcc atcccttttt tctgccagcg cattcccaga tcagccgttc acttgctcta 480
agcctctata atctatgatt ttctttnctc tttaacctgc tctttccatt ggccagttta 540
ttcatttctc agctacagct tcagaggggc tcaccttcng gcttccgnc caagggcatc 600
tgagggttc agttctgntt tctctgctga gtcaggagcc agcccacttg atttggtctc 660
cgtgtatctt tgngtctctg ctcantctnc tgctagtgtg ccttgggtgc ctcatcaatc 720
tctttccatc ctggg 735

```

```

<210> 3627
<211> 741
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

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<400> 3627
agagnnnnnn ttttngncta atgctggnnnt actcgggctt tttgcaggta gcccancgat 60
tcgaattcgg caccagcccc acccattagt taggtgggcc tgcccaacac ctctctgggt 120
tcacatccgg ccagacaaga aagaagccaa aaaactttcc gtctaccact gcgcctctc 180
atgccacccc catcctatta gcctaaaatg gaacgggcta attagtttat ttgtataggg 240
aggggtttca gctgcctgga caaaaccagg agtccactgt ccaagcttct tctgttttcc 300
tgagctcaga agaaaaaaag tgtgttagac taagataata ccgccttttg aatatctcgg 360

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cttcatat	ttt	gcctccatga	gagggc	caagtgttat	ctgcaagttg	ttctat	420
attcaaaa	at	ctccatccct	ttctgccc	agcgcattcc	cagatcaagc	ctcacttg	480
ctctaagc	ct	tataattta	ttgttttctt	ttctctttta	cctgctcttt	ccattggcca	540
gtttattc	at	ttctcagcta	cagcttcaga	ggggctcacc	ttcgggcttc	ccgccccaa	600
ggcatctg	ga	ggcttcagtt	ctgntntctc	tgctgagtca	ggagccaggc	ccagcttgat	660
ttggctccc	g	tgtatctttg	ngncnctgct	cantctctgc	tantgtgcct	nggggtgctc	720
atcaatctc	t	tccatcctgn	g				741

<210> 3628

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3628

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aattcggcac	gagcttgatt	aggtcttttag	gggcccaggg	actagccagc	tgcaacaggtg		120
actggatggg	ggaggggcan	gtgaggtggg	tctacagagg	tggtctcgcc	tttgaccttc		180
atgctggtct	cggctgaggt	gacacgctag	tgacagccca	ataggggggtt	acccttattg		240
agtaaaatac	ttcagattga	cagctcaatc	ttagtttgcc	tccagttaat	cttttatgct		300
tagggattaa	atgtgtggtt	ttttntttgt	nnnnnttttt	tgagagacga	ntctcgntct		360
gtcaccang	ctggagtga	gtggcgcgat	ctcgntcac	tgcaacctct	gcctcctggg		420
ttcaaacgat	tctcctgcct	cancctccca	agtagctggg	attataggcg	cccaccacca		480
tgcttggtta	gntttttatt	nttagtan	atgggggtttc	accntgttg	gccaggctgg		540
tctcgaactc	ctgacctgct	ngatctaccc	acctnggnet	cccaagtgt	gggattacag		600
gcgtgagcta	acatgcctgg	ccaggggatt	aaaatattca	aacatgttgn	gtgtaccag		660
atatgctgnt	aatttangaa	aaacagtnca	atttctatga	aatgggtggg	gactatttnc		720
tgtantcaat	acattnggga	tat					743

<210> 3629

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3629

agagnnnnnn	ttgtanctaa	tgctggtnta	ntctgtntctt	tttgcaggna	tcccatcgat	60
tcgaattcgg	cacgagcttg	attaggtctt	taggggcccga	gggactagcc	agctgcacag	120
gtgactggat	gggggagggg	caggtgaggt	gggtctacag	aggtggcttc	gcctttgacc	180
ttcatgctgg	tctcggtga	ggtgacacgc	tagtgacagc	ccaatagggg	gttaccctta	240
ttgagtaaaa	tacttcagat	tgacagctca	atcttagttt	gcctccagtt	aatcttttat	300
gcttagggat	taaatgtgtg	gttttttttt	tgttnttttt	ttttggagac	ggagtctcgc	360
tctgtcaccc	aggctggagt	gcagtggcgc	cgatctcggc	tacttgcaac	ctctgcctcc	420
tggtttcaaa	cgattctcct	gcctcagcct	cccaagtagc	tggtgattata	ggcgcccacc	480
accatgcctg	gctagttttt	tattttttagt	agaatggggg	ttcaccctgtg	ttggccaggc	540
tggtctcgaa	ctcctgacct	cgtggatcta	cccacttggc	ctcccaatgc	tggtgattaca	600
ggcgtgagct	ancatgcctg	gccagggatt	aaaaatattc	aaacatgttg	ggtgtacca	660
aaatatgcct	ggtaatttag	gaaaaacagt	ccaatttcta	tgaaatgggt	tggtgactatt	720
ttctgtagtc	aataccaatg	gggatattct				749

<210> 3630  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3630	
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tcgaattcgg cagcagagca tgccctaaag agggaccagc tgtagtaggt cagtttattc	120
aagatgtcaa gaactcaagg tctacagatt ccattcgtct cttagctcta ctttctcttg	180
gagaagttgg gcatcatatt gacttaagt gacagttgga actaaaatct gtaatactag	240
aagctttctc atctcctagt gaagaagtca aatcagctgc atcctatgca ttaggcagca	300
ttagtggtgg caaccttcct gaatatctgc cgtttgtcct gcaagaaata actagtcaac	360
ccaaaaggca gtatctttta cttcattcct tgaaggaaat tattagctct gcatcagtgg	420
tgggccttaa accatatgtt gaaaacatct gggccttatt actaaagcac tgtgagtgtg	480
cagaggaagg aaccagaaat gttgttgctg aatgtctagg aaaactcact ctaattgatc	540
cagaaactct ccttccacgg ctttaaggggt acttgatata aggctcatca tatgcccga	600
gctcaatggg tacggctgtg aaatttaca tttctgacca ttcacaacct attgatccac	660
tggttaaagaa ctgcataggt gatttcctaa aaactttgga agaccagat tggaatgtga	720
gaagagtaac ccttggtcac atttaattcn	750

<210> 3631  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 3631	
agnngnnnnn ttttanctaa tgctgggcta ctngttcttt ttgcaggatc ccatcgattc	60
gaattcggca cgagagcatg ccctaaagag ggaccagctg tagtaggtca gtttattcaa	120
gatgtcaaga actcaaggct tacagattcc attcgtctct tagctctact ttctcttgga	180
gaagttgggc atcatattga cttaagtggg cagttggaac taaaatctgt aatactagaa	240
gctttctcat ctctagtga agaagtcaaa tcagctgcat cctatgcatt aggcagcatt	300
agtgtgggca accttcctga atatctgccg tttgtcctgc aagaaataac tagtcaaccc	360
aaaaggcagt atcttttact tcattccttg aaggaaatta ttagctctgc atcagtggtg	420
ggccttaaac catatgttga aaacatctgg gccttattac taaagcactg tgagtgtgca	480
gaggaaggaa ccagaaatgt tgttgctgaa tgtctaggaa aactcactct aattgatcca	540
gaaactctcc ttccacggct taaggggtac ttgatatcan gctcatcata tgcccgaagc	600
tcaatggtta cggctgtgaa atttacaatt tctgaccatt cacaacctat tgatccactg	660
ttaaagaact gcatangtga tttcctaaaa actttggaag acccagattt gnatgtgaga	720
agagtacctt ggtcacattt aattn	745

<210> 3632  
 <211> 1304  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1304)  
 <223> n = A,T,C or G

<400> 3632

gnnagcggttc	ncncttntng	gaaaccnttt	cnaantngct	ggggaacncc	gaaatcgcn	60
nnagggtcgc	natgcgantc	gcaaagtc	acccaaactt	cacttaagta	gtccctattt	120
ttactccagt	gcttatnca	ttatctagca	gaatgtacct	tcattngatc	cactatttac	180
cantgattaa	agtgagcng	tcngtggagt	tatacgnnac	tnngnagact	tntgtctanc	240
gaaatacann	anacaaccnc	anaggaccat	aantttnatg	cctatagaac	atnnnangaa	300
acaggagcag	gatctntgtc	tataatatan	caaacttgnt	tnnacatacc	tancnacaac	360
ctacaaatgc	tcttanaacc	ancctanctn	antgctnccn	agttttntcn	ggntnaactc	420
cnactnttng	gngcaantgc	aggntcacnt	anctncnatt	cccnantgna	naaactnnnn	480
ccccnnanan	ctntntnta	gtcannnct	ctttaacnac	ntnnnnatnc	nttntannat	540
cagccaggnc	accnacanta	nttcanttcn	ttnnccaatc	annactgnaa	tntnnctt	600
nnctntttnc	ncttctnnct	aacatcacgg	ctatncgcnt	aaatnttcta	cactcacggg	660
tgananactc	ggctnacan	tctncgggag	nctatacctn	tcgcnnnnca	cagtntgcgn	720
tatnnncnaa	taagaanaa	atctncnctc	nnananantc	nccnttcctn	aaccannaca	780
nnntgnntct	catnnacnnt	ncgtaangcn	agtacncgcn	tantcancat	actnacatan	840
nagtntatcn	aactntncnc	ttctntnanc	tananaagtn	tcacncttnc	ntatanaact	900
cntattanac	tcanacnngc	tctnngnga	tngtntctc	tatnganann	nnnncannnc	960
tannngnnat	nactccgacn	gtacacctat	ataatagant	ctntacncct	ctattcatca	1020
gatnnanttc	tcanagantt	nnnnntaaca	ttatncncac	tanacnatgn	tcancctna	1080
nattcggnnc	nctacacntn	ctacnccatc	tcnagcntnn	tacttctcac	aannnancct	1140
nctntacncn	ntacanatan	tatcacanat	ccncgnaant	ntntntncnt	cntagnngta	1200
canactncan	tctatntcta	cnnataaata	tntcctatcn	nctcanatcn	cncntntant	1260
cngntacgnn	tntcgcannc	nctcctcatc	ntntcngnac	ncnt		1304

<210> 3633  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 3633

cnaaatncct	gctacttttg	atttccngna	ggatcccatc	gattcgccga	tttacagatt	60
gaagcggtaa	attagtgggt	ttatgggtatt	tctgtaaaca	gggataaagt	ggaccctgac	120
aaattcaata	ttgtctgaag	agacaatcta	ttctggttct	gttggacttc	agggtatttt	180
tctttttttg	taaaatgaaa	actacaaaga	aacctgactt	ttcaattttt	tatacatgta	240
attttctaga	aatctaggaa	gtcattttaca	catccttata	taccatgagg	ggcaaaaagta	300
agctttcttc	ctcccaaagc	aaaactcttt	ttccttaagg	agctggaatg	ccaccttgaa	360
attctgagtt	ttgagctttc	agtcattttt	tggctggaat	agggtgggtga	aatttcctaa	420
gtctgctctg	tgatgtncct	ctgaagggat	gcancatgaa	ccattgggtcc	ctttatgcga	480
tcatgtcccg	ggctgcactn	acanggtttg	gggcanaaaa	aanccaaaca	tttcacccac	540
aggcaagctt	gcttntcgg	aacccccnaa	gctgggtcct	gcgacagaat	ttggtnaagg	600
acccttnacc	gnttggtcac	tggctgcatt	tgnngccaan	accccccccc	gcctnattnn	660
gaggatttta	aaatttggan	tgggttggct	ggccttgcat	ttccgnanct	tatgcctaaa	720
aaaaattttc	ct					732

<210> 3634  
 <211> 1278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1278)  
 <223> n = A,T,C or G

<400> 3634  
 ctaccgcctt atgttatcgn nctttccnna anananangc tnggcgaatt cggcacgagg 60  
 atctatctct tctccctgcc cattaaggaa tcagagatca ttgatttctt cctggggggcc 120  
 tctctcaagg atgagggtttt gaagattatg ccagtgcaga agtcnnancc nccccccnnc 180  
 cnentcnnc cncctctnc ncttctctnn ntccccctc cennntccnn cennnnnnct 240  
 nancanncn ctnacnct cncnctcnn cncnccncca ncncccnacn ccaaccnnnn 300  
 cennnnnnnc ncaccanccc tnnnncccc ncnnatntnc tccnancnt acnncnctn 360  
 ttcctctct tcnctctnc cncnctttn cacnctctc ntacctcnc nctnctctc 420  
 nnnnnnncc cccctctann acnctann accccccnn atacanctcn cncnccnct 480  
 tcncccnnc ntcannctnn tntctcnc tnnnnccctc nnnnttttn nantccaanc 540  
 nacnncnnt nccctctct ntatcctnc cttacctcc tccctactcn ctctcncctc 600  
 cncctctccc tcnctctnt ctnctctc nnnanctctc ctcncccncc cncactttcc 660  
 anccttctnn ncacacccat tcnntacac nnnncnnc ctnnctctnt cacnnntct 720  
 cncnctctc ncnannncn nctncannac ncnctctcn ctctannann cncnnnnnn 780  
 ncnccnctn cncnctctc tnnctctnt cntntcnca tctcnnttt ctntcnnnc 840  
 acnacttcc actnntct cctctannn ncanctcnn tctncccncc acnatnatnn 900  
 accnnnnnn tncatcnnn tnatccctc tctcctctc nnttcannn cacnacttcc 960  
 ctccnnntn ctatcncant cnttcacnc nctctctc tntatattn ntacnctcnc 1020  
 ctctcacctt cacatcatna tacnaacna cntctattna nctcncnct ctancnctnn 1080  
 ntacnnccan nnnnnctnc accnnctcc tttccnctn tctctctnn catctnnnt 1140  
 nantctntca nntctctnt ntctctttn actctcncn nctnnacna ctntctatnc 1200  
 ncccacnaat cancatcct cctctctnn cntctntctn nctctntac tnanacatn 1260  
 tntcctntc tctccct 1278

<210> 3635  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 3635  
 gnnnttnnan ncnnttnnc aaatngctag gctactngtt ctttttgag gatcccatcg 60  
 attcgaattc ggcacgaggc tgtttcctca agaaaatgaa gagggagga tggctcangg 120  
 aaagttaatc agagggaata tgtcactctg tanagagtaa aanatttang atgatgatac 180  
 gatctgggaa aaaanggcag agtgaanacc acttaaanac aaactgaanc ctatgaagg 240  
 gcatgctatt tccccagagc tgaaaagata agtgaaatng tgtatgaact cttaagtga 300  
 ggtgaagcag aattttattag ccaccaacca cataagtgat tatgaagtaa ctgagaaaca 360  
 ggtaacattt tttcccatc ggacaaaact ttctcttctc agaatattaa gtctctatga 420  
 tgagaaatga agtagcatct caagcagttt ataaatctac canaatatta gaatcacctg 480  
 ggaccttga acgtactcat gccaggtct actntattca tttattnttt tgnnagatg 540  
 gggacttcaa ctctgtgtc caaatgatcc tnccacctcg gcctcctaaa gtgtgaggat 600  
 tacaggcgtg agccctgtgg ccagccctac taggtctgct ttggaccaat taaatcaatc 660  
 tctgggggtg gaacctgggc tttaagtatt tttaaaaatt ttcttaggtg ggtctaatta 720  
 atactcggat tgagaacct gctacacatg gaattttatt cc 762

<210> 3636  
 <211> 770  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3636

tnacnaatta ntntgctctc gtnctttccg naanaannng gcgnttcggt gagacggagt	60
ttcaccatgt tggccaggat ggtcttcaac ttctaacttc gtgatccacg ctgctgggat	120
tacaggtgtg agccaccgcg tgtggcctct gggcaccttt tgaagctgaa gcagagagag	180
aaggcggcag gcatcagcgt tttcttctat gaacttataa gatcaaagac tttaagactt	240
tcactatttc ttctaccgct atctactacg aacttcaaag aggaaccagg agtacggaag	300
gagcatgaaa gtggacaagg aacgtgacca ttgaagcacc acagggaggg gttcaggcct	360
ccggatgact gcaggcaggc ctgggtaaca tccagcctcc cacaagaagc tgggtggagca	420
gagcgttccc tgactcctcc aaggaaagga gactcccttt cccggtctgc tcagtaacgg	480
gtgccttccc agacactggc gttaccgctt gaccaagggg ccctcaagcg gcccttatgc	540
gggcatgaca gaaggctccc ctcttgccctt ctattcactt ctcacaatgt cccttcagca	600
cctgacccta tacctgccgg ttattcctag gttatattat taatgcaaca gagtaatatt	660
aaaagctaata gattaataat gtttataata atgatggata attggttcat gatcatcgct	720
gtatctaatt tgnattatga ctatncttat tctattntct ttatataactn	770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta ntntgctctc gtnctttccg naanaannng gcgnttcggt gagacggagt	60
ttcaccatgt tggccaggat ggtcttcaac ttctaacttc gtgatccacg ctgctgggat	120
tacaggtgtg agccaccgcg tgtggcctct gggcaccttt tgaagctgaa gcagagagag	180
aaggcggcag gcatcagcgt tttcttctat gaacttataa gatcaaagac tttaagactt	240
tcactatttc ttctaccgct atctactacg aacttcaaag aggaaccagg agtacggaag	300
gagcatgaaa gtggacaagg aacgtgacca ttgaagcacc acagggaggg gttcaggcct	360
ccggatgact gcaggcaggc ctgggtaaca tccagcctcc cacaagaagc tgggtggagca	420
gagcgttccc tgactcctcc aaggaaagga gactcccttt cccggtctgc tcagtaacgg	480
gtgccttccc agacactggc gttaccgctt gaccaagggg ccctcaagcg gcccttatgc	540
gggcatgaca gaaggctccc ctcttgccctt ctattcactt ctcacaatgt cccttcagca	600
cctgacccta tacctgccgg ttattcctag gttatattat taatgcaaca gagtaatatt	660
aaaagctaata gattaataat gtttataata atgatggata attggttcat gatcatcgct	720
gtatctaatt tgnattatga ctatncttat tctattntct ttatataactn	770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(928)

<223> n = A,T,C or G



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<400> 3638
ctaannatta attanntagc caaatngcn naacnntgnt tnngettnng gcaancat 60
ggnnccctnnt aagtaagatn tntnnnnnggg agctgganaa tcagnactgt cccagccgat 120
gggtngttcc nactgggagc anangaagcc ttgaggacct actcacanat angaattgaa 180
gattatcttn aaaacaatct tccactantt ctgacnatac ttggagcctg ntccacgtgc 240
atnccacctt gggaagcctc tncaaagagc tttcngagct nacactgaca gntncanttt 300
cccncanaac ccacnatagc ctngctgngt ctgtctnccc ggcangagtc catnctcact 360
gccgggacac tcatnacant ctccacgntc tncctcttcc cancctgnat ggagcctccn 420
nggctnnnga acgntnccca agtcaatnct cacnnatncc ngnagctgcc tntnagcact 480
nntcttgccc canctcctc cttgacanaa tcatnaccca ncatgacncn cactnngcca 540
tnccnntcna canttttttn tcntcattnc atnttntctn cccatngnna cntcnaaacc 600
nnctagtana cccancant ctcgmatct ncncaaccng nncancnana cntttgntct 660
ttntncnntn tgatcntcca cctnntcttn tctnncnatn tncaataatc ntaattccta 720
nacatnctac tcttaaant ccttntctta nnttcccaca catctgttna tacntatccc 780
tnctnccca tgnntnnnat ctcanntccc cmngnccctnn annatnttac tcagccctnt 840
cctttatnna nntcnntnca ccncgnnagt nnnnccatan cnnanatttn nncancacan 900
cnctctentn ttttcaaacc tncncccg 928

```

<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

```

<400> 3639
gaacntatct ntgtgtagct cgnantnnc taaatanaat aggctggng aattcggcac 60
gagagtgagt ggtcttacca aaaatccagt atccttgcca tccttgccaa atcccactaa 120
accaaacaac gttccttctg tgcccagtc tagtattcaa aggaacccta ctgccagtgc 180
tgcaccattg ggaacaacac ttgctgtgca ggctgttcca acagcacact ctattgtaca 240
agccacaagg acttctttac ccacagtggg cccatcagga ctctatagtc catcaactaa 300
tcgaggtcct atacagatga aaattccaat ttctgcattt agtacttcgt ctgctgcaga 360
acagaacagc aataccaccc caagaattga aaaccagaca aacaaaacaa tagatgcttc 420
tgtcagtaag aaagcagctg atagcacatc acagtgtgga aaagccactg gcagtgattc 480
aagtgggtgc attgatctca caatggatga tgaagagagt ggagcttcac aagaccccaa 540
aaaactaaat cacactcctg tatcaaccat gagttcttct cagcctgtgt cagcaccatt 600
gcaaccata caaccagcac cgnctcttca accatctggg gtgccaaaca gtggaccatc 660
ntcagaccac catacactta ctacctacag cttcaactac ccgngaagt aacacatcgt 720
ccagtaactc angtgacca caagaatncc ctgtaccaag agtcctttn aaaccaccan 780
n 781

```

<210> 3640

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3640

```

ctaacnaatt antgnngang ctcgtncttn ccgaacnana nnggcggggg cgaattcggc 60
acgagattta gtcactagct ataatacatt tagtgaacaa atgtagtctt gcactaaaat 120

```

tagagaatac	ctatcctttt	aaataca	taaaataatg	accatatata	acagag	180
taagctgcaa	ccaattctag	acttaaa	tacagaccat	gtttggaaat	agaaaaa	240
aaaacacatt	tataacttgt	ggatcaaaaa	agtcatagaa	cttagacaat	acttggaact	300
gaatgtaaat	acaaatgcta	ttaaaatttg	tagtatgcag	ttaaacagga	cttgatatacg	360
catttatata	tctaaatgca	tgtattagta	aagaaaaaca	aatagaaaat	taagtttcca	420
actgaaaaag	ttagagaaca	acagatccat	cagaggaagt	agacagaagt	tataaagagt	480
tataaaggta	accaggcatg	gtgggtgcaca	ccctatagcc	ctagctactc	ngnangnnnn	540
gnnggtnncn	aggnttgctt	gnncncnnga	atccnacngt	ccnnncngnc	cnattgatcg	600
gcnnctgcnc	aatngnnctn	cttctancct	cacccctngg	tcnaccatan	ggnganncan	660
nncatactcn	tengcacanc	ctatttccct	nananggtng	gntcctccnn	nnnatcttnc	720
ncnnctctc	anctancttn	ncatnttnnc	tannctnant	cctccatatt	ncnnctcnc	780
ccnactactc	gntnacgnet	cnnccttctn	caanannngn	gancctntna	nnngncaaca	840
tnctntngtn	ccnncnctn	nnctnnntnn	nccncttct	nnctctctnt	ttcnngcan	900
annccanntn	ngnctctctn	ntct				924

<210> 3641

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 3641

ctaaaaanaag	gtnggggggaa	ttcggcacga	ggtcaggctc	tgctggacac	tgcatgtcca	60
aacgtcattt	tacccatgtg	ccagcgacaa	ggtagattcg	cttgtnccaa	ttttgcacat	120
aaggaaacag	ccttagagag	gttaggttgc	ttgtgcaagc	ccagggtagg	tggcaccag	180
tctgccagtc	tgcaacgcac	tggtatcttn	cagccagtag	accttgctcc	ctgggtgccc	240
agttctggat	ctcaggaaan	gtggattaag	gctcctagtg	gcgggacctg	gggtggggatt	300
tgctgccctc	tggtggcaga	agggacatca	ccctgggtgt	gagacttggt	ggcatctgtg	360
aggcggctct	ttcatccnan	ggaagccgga	cctcaaactc	gacctcagcc	ccaggaaggt	420
gccancanga	nggtgccacc	tangagggtg	ccaccagggt	tccgccnggg	tctgctgggg	480
ccctgctcca	tcttgntga	nncacataan	cnctcaagct	gtcacnagac	ccagggnttn	540
actgtctggg	ntttganncc	tgtgnnngcc	ccctgagccn	atttgntttt	ntctcctctt	600
tggggccctc	canntttccc	nttttcantt	tannanttct	ncnnantnna	ttaanntctc	660
cnggggccaa	actntatnct	taggaaacnt	ncactncctn	annaatttaa	atttatnttc	720
tacacttcaa	ctctnccatc	tnnnaactgc	ctnnacncna	atntatttct	tnctnnnnct	780
ccnctntcta	natcatcnnn	tctatctctt	tatatnntca	ctnnnctnat	nanaaaaact	840
anncngtgcg	tctttcntta	gaacncct				868

<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3642

tnnacaattn	cnctngctac	tcgttctttc	cgcaatannn	mntgctnttc	gaattcggca	60
cgaggccagt	ccctggacag	ctncgacgcc	atgaatatnt	tgcccangaa	gagctgnac	120
gtncggaaca	nggacaatgt	ngnccgcntg	cgngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gctcancaag	aggcccgtnc	anaattccta	240

cngaagaaag	ccanacatca	ctcactg	cctgagcttg	aagcagcaga	ggagcc	300
ccaggttntg	gccctgtgga	gttttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtncca	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaaagc	420
tctgggcatn	ctgacatacc	tgggccanag	tgcatacngag	gcacagactn	aaccccccttg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcgggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataagc	ccctgctggc	cccnggttcc	aaagcccngg	cacttacang	780
gagggnt						787

<210> 3643

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3643

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cgaggccagt	ccctggacag	ctncgacgcc	atgaatatnt	tgcccangaa	gagctgncac	120
gtncggaaca	nggacaatgt	ngnccgcntg	cgngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gctcancaag	aggcccgtnc	anaattccta	240
cngaagaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcgggagcc	300
ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtncca	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaaagc	420
tctgggcatn	ctgacatacc	tgggccanag	tgcatacngag	gcacagactn	aaccccccttg	480
gtaccagctt	ccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcgggtgatn	aangcagtnn	cagctnaaag	gaaaaggacg	ggtctnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataagc	ccctgctggc	cccnggttcc	aaagcccngg	cacttacang	780
gagggnt						787

<210> 3644

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3644

tnanctatng	ntgtgtnggc	tcgnnctttc	cnnannaaaa	gggctgtggc	gaattcggca	60
cgaggagtgg	atatgttcgt	ggagacactg	tggaaagtct	ggaccgagct	cttggatggt	120
cttggacttg	acgtctccaa	cctgtcccag	tatttcagcc	cagcctcggg	gtccagcagc	180
ccggcccgcg	cgctcctgct	ggtcggcgct	gtcctcctgg	cctactgggt	cttgtccctg	240
accctgggct	tcactttcag	cgctcctgcac	gtgggtgttcg	gccgcttctt	ctggatcgtg	300
cgggtcgtcc	tgttttccat	gtcctgcgtg	tacatcctgc	acaagtacga	gggcgagccg	360
gagaacgcgg	tgctgccgct	gtgcttcgtg	gtggccgtct	acttcatgac	cgggcccattg	420
ggcttctact	ggcgaagcag	tcccagcggc	cccagcaacc	ccagcaaccc	cagcgtggag	480
gagaagctgg	agcacctgga	gaagcaggtc	agactgctca	acatccgtct	caaccgggtg	540

ctcgagagcc	tggaccgctc	gacaaa	gtgaagggtca	accggccggg	tccaca	600
gttaccagca	cgcttgctt	aaacgaa	aacngaggaa	aaaaaccca	ccccaaa	660
caatcttaan	taaacacgac	tgagcaaana	aaagttggcc	ctgtgtaagg	gctattttca	720
cccaccgggn	aagtttttag	gacncatttc	cccagaagaa	ccggaaaaga	tcatttgacc	780
ctnggaacn						789

<210> 3645  
 <211> 1098  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1098)  
 <223> n = A,T,C or G

<400> 3645						60
ttacttttcc	tncatccagg	nctaantagc	nctaacnngn	ttnanntngg	gnnttcgnta	120
cnantcanct	ttcnnagtna	ccataagagc	aaggggaact	cgtacnacgn	nnacgtngcg	180
ctgcancang	nggacactgg	aaactcttac	ctttgcnggt	acttnaanat	taaangcctt	240
actgangagt	atctcaccce	tntacaactc	ttctttgaan	ganaacntaa	tcatcntana	300
acacnctncc	ttaactcnna	agtcgnatgc	anatcaacat	nntnatccna	aacaccnngg	360
gcancntttc	tngetccttt	atcancncce	nnaatcattt	aacntcacna	tcnacattcg	420
ncnatcatnn	cagcnagaca	nantgnanac	ctacatctnt	anntanngtc	antngnnncan	480
tcnntctggn	tcccctancn	cacctntcca	naagatatcn	ttngnngent	tntnncncc	540
ccactatact	nacatccncc	ntnctcagca	antttantnt	cnaccctccc	nctnanganc	600
nnnctntancn	anccttntcc	caacnantnt	aacaancntn	accannccan	gntctntnnc	660
tctntccctc	acantacana	aatntctcaa	nanctcccn	acncnanctc	anctnnntng	720
tacaatccac	tcaatctcng	ngcnccccac	cnantcttta	nctgggnaac	ctttntctcac	780
atactancgc	aanacaatnn	tgcgntnnt	tctcnnanac	acatctctcc	ncanctnnncn	840
tnatacnact	atcatctncn	atnnncactt	anngaccaaa	nntacactng	anacnactac	900
tcgccanttt	cantanctnn	tantatcgct	ngtccactng	catctctanc	atnnntnnac	960
aaaancncnt	ccncnctan	aactntcact	ntcatctanc	tctananact	ntctcnactn	1020
accntcttta	taccacaann	ncccnanctn	ntgcncctcc	catantntnt	ntatncnttc	1080
nntactactn	natntananc	tactactcca	cctcnnacat	ngcttntcat	atncatatcc	1098
tcatecttct	cnncnctn					

<210> 3646  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 3646						60
ntaannngtg	ngnggtcggn	ctancnnaac	nanataggct	ggggcgatga	tgtaaagtct	120
gaaatataca	gctttggaat	cgctctctgg	gaaatcgcca	ctggagatat	cccgtttcaa	180
ggctgtaatt	ctgagaagat	ccgcaagctg	gtggctgtga	agcggcagca	ggagccactg	240
ggtgaagact	gcccttcaga	gctgcgggag	atcattgatg	agtgccgggc	ccatgatccc	300
tctgtgcggc	cctctgtgga	tgaaatctta	aagaaactct	ccaccttttc	taagtagtgt	360
atcaaaatct	aaaccaagga	gtctctggac	aagaagctgg	gagaggcaca	aactggacat	420
ctctctctct	catatccttc	ggcattgggt	tatctatggg	agcaaggagt	gggcacgctt	480
ctctgttaca	aatagaaaac	gattccagtc	atacaggaca	catccactcc	aaangatatt	540
tccaaaaaca	tacctctgac	agtnactttg	atagatgggt	tggcnaatgt	atcttctggg	

tatccacacc	tcttgccat	tttgca	gctcctccct	tccataaatg	tctctt	600
teccccacca	tnttgaaatc	gctggca	ctgcgacttn	gantcgnntc	acacnaatn	660
gtnggangaa	ngtgactgtt	tncntttcc	cancctnggt	tttcaagagg	ccttnttaaa	720
tgcenngttg	gaaccttacc	ccnccctgnc	cntngtnnac	tgaccatggc	tgaaaaantg	780
acc						783

<210> 3647  
 <211> 823  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(823)  
 <223> n = A,T,C or G

ctaatanang	tgggacctcg	nnatnncna	aananaatag	gctggggcga	attcggcacg	60
agagtgtgat	ctgcagggag	agaaccaatt	acagtatgct	tgagaggggt	gacattttatt	120
ctgctgaacc	tcttctctgc	ttcacataac	gttggccact	tcacctttcc	tgagatgtct	180
ctgaggatgg	gcataattta	aagacttgag	cttacatcat	cgcactttga	aagaaccgag	240
tataattgag	ttgctgatac	aagtgggtac	ttgcaccagg	tccgggtcac	ccacatctct	300
atggaaacac	atgtttgctt	taaagcccag	caatcagaag	cagatcctta	taggagccag	360
cattgggtca	cttttagaaa	aaggcattta	tttatattct	caagccagca	nagacctatg	420
aaatgaaata	attttcaa	tcantagaaa	aacctatgcc	tacgtgaatg	ctaataaaa	480
cctgccgtgc	gtcctnctc	ccctgtgctn	gcactgcctc	agatccgcct	gcattttatnt	540
ttanctgtcc	tttgccttn	tgtgccatt	tgcattctgc	ngctgtgacn	aagtnggttt	600
ggccctttta	tgcnnaaatn	ggttaatcnt	tcatttnatn	anncattttg	cccancnacc	660
taaaaantgg	ggaaaaatnt	caaaagcntg	gggaactggc	cnntcaaaanc	ngnnnttnc	720
tgcggttcc	tngctnttng	ccctcngttc	ccttgcaagc	cntnttccca	nccancntn	780
cccccaangc	cncttngaa	cncttnncnn	gcenntanca	anc		823

<210> 3648  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

nnctaacnng	tnnttaaagg	agntcgant	ngcctaacac	aaataggctn	gggggaattc	60
ggcacgagtg	agtacttatg	aaaaattgtg	agaaattcat	tgtgtgggat	tttcaccatt	120
actacatgta	tttgaaata	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
aaaaaatacc	ctccatttat	aatatgtttt	taaaatttgc	cactgagaag	tacaaatttc	240
cttcttattt	catcttagtt	atcaaccag	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttga	atcctgactc	tgccacttac	360
tagctgggta	ttcttgga	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttctcat	atgattgntc	ttttttttaa	gatttaatga	ataccttgat	gtattcgtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gcactaaatt	tgtctactaa	ttcttttggg	tagagaatct	cccttgtaa	600
atgactattt	tacagaatgt	tttgaactcc	aaatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggttcc	taacagtang	ttaaccfaat	tttaaaangt	720
gaaattcaan	gtgttcctta	ttaaaacccc	tattcctgaa	tgtanataat	ccattattnn	780
nct						783

<210> 3649  
 <211> 827  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(827)  
 <223> n = A,T,C or G

<400> 3649  
 ctaatnnnng gtantctgng ttctttccgn annanaacnn nctnnggcga attcggcacg 60  
 aggccttctg ctctttgtat tttggctaaa ggcggtgaag tgagagggcg aggggggattt 120  
 aaaaccagca gaaaaaggct tcttggtggg ctgatggtgt ttgtgcgaga agctgangtg 180  
 ggcagggagg agagcctang agagcggtag ggctcatggg caggccgttg gtgtacgcct 240  
 tggccctgcc tgtccccagt cccaccactg tggactccag gccatcctca gtccagggtg 300  
 tcaactgtggc ctggggccaca tgctggcgat gacgggggatg gccttccaca tgccgtgtct 360  
 ctggaagagg ggctcgctt gtgcccact ggggacgtcc tgccccaac ccccaaaac 420  
 gctgctttct tctgccctna agaggccct cagaagagag gaggctngnn tgaggggcnt 480  
 tgagataaac cccgaaaggc cggnttcctg gcttcgtgtt ttaaaactca gtgctgcttg 540  
 cnaagtgtt tgnctattgc attnataatg accaacancg nttggttgac cacnttgatg 600  
 gnccganggg gtgccangca cttgttccca agggccncac ttcgtgttg ttntttggtc 660  
 cgnttaattc ctnccttgaca aacctattta caccggttcc ntenttcnnc tntcnagcna 720  
 anccccaatt ntgcaacccc ggnggaaaac tnaangnccn caccggattc accaaaaatg 780  
 ccnacnaacc ttgntatttc caancccntn ancctctcct gnncccc 827

<210> 3650  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 3650  
 ntacnnatan tntcgnngnn actcgnnctn tccnaacnca ncnnggctgn ggcgaattcg 60  
 gcacgaggtg gcccaagggg cccacaataa ataacacagt cactcctatt ggtacagcaa 120  
 tgccaagatt tagaagttat ttcataaggag ctgggacaaa ggtcaaacct ctctttgggc 180  
 aagaccgtat tctttattgc atagctttga aaagagattt tgtattaccc aaacatttat 240  
 tttaaaaagg cacccccata tatccatcac tcgaactgta catttctaaa tgtacattga 300  
 cctttggtat attagtctag caatccagat tttgcctctt gttaagcgta tcagggtcct 360  
 ggcaggaagt agacgacaca ctgaaggata actgtcaaaa gtttaatgaa gagactattt 420  
 acaaaggtgt gggcaaagt aaggggaaca acaagtaaga gatggtgtag catcttagac 480  
 ctagcaacag cagaaaataa ttgccactcc taactctgaa gagataagga gagggaatac 540  
 ttagcagaac acagcaagat tgattagtaa agcacagagc tcctgacgag gagatgtgac 600  
 cttcaggaga ggaatactac cccaagcta tggcccagca gggaaagagc ataggtaata 660  
 cattctctga ctcccacttt ctgatttcct ctagtagctc cctttggcca aattcaactg 720  
 attattagag agtaggaatt ccagttgctg cagtccatag aggttagtct ccnat 776

<210> 3651  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

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<400> 3651
gtactaatat ntnaagntnc tcgtnccttc cnnaacncanc nnggcggngg cgaattcggc 60
acgagatgtt ttgggaaata gcttgtgaga ggtaagaagg attgcaaagt ttttccaaaa 120
tattttatga agttagtga gtcagttgaa atgtgtattt aaacattttga agggatacag 180
ttaacatttt tttaatgaga ggaaaccatt gtctgtagtt cagaaataag atggagtgtt 240
ttacttattt aaggggtaat ttaaaaagta aacaaaagca ttggcctaca agagaaagg 300
gatgttggat tataagtgtt ttttctaatt gttaatatta atcaacagggt gagtataatt 360
tccgtttcca agcagttatt aatttacatt ttctcaaatt ataagtagct tcctgcttct 420
ccaaaagtga ggcttaagag gatggctatt tcatcataaa ttagaaaaac gactacaaat 480
atgaaatggg taattttttg gtactaagat aatgagacca tccagaattt tatgatcaaa 540
acatggcttt taccagggga gtatctgtag ttgagccact ggctctataa cattgttagt 600
tccttgtatt ttcccaatgg aggttttacc tcatggccat aaaaataaaa gagggttgaa 660
tgtgaaaata actgcatttt gaacatctca nacccttcac tcataaaaaat tacttaatgt 720
tcctcttctt tgaattacat atttttccat tgtaataaaa ttcctgtttt gaaann 776

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<210> 3652  
 <211> 846  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(846)  
 <223> n = A,T,C or G

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<400> 3652
naactaatna ccangaccnc nanntngcct aaanaaaagg ctnggggggat tcggcacgag 60
ggggcttatt tcatccctac agtctcgacc atagaagaca gctacaccca agggggccat 120
tttagaggcc caccctcagg ggcacattct ctttctcagg gatgttcctt gctgagaaaa 180
agaattcggc gatatttctc ccatttgctt ttgaaagaag agaaatatgg ctctgttccg 240
cctggctcac cggcggtcag agtttaagggt tatctctctt attccctgaa cattgctgtt 300
atcctgttct tttttcaagg tgcctagatt tcatattgtt taaacacaca tgctctacaa 360
tttctgcact taacacaatt atcacagggt cctgaggcga catacgtcct cctcggctta 420
cgagatgaca ggattaanag attaaaacag gcatangaaa tcacaagggt attgattggg 480
gaagtgataa gtgtccatga aatcttcaca atttatgnnt agagattgca ntaaagacag 540
gcntaagaaa ttataaaaagt attaaatttg gggaactaat aaaatgtccn tgaaatctta 600
aaaaanacta ntcacactcc nccncaact nannccccac nctccnntnc cntcnncn 660
accctnnnac tcnctctctc ccnctnnnac cccttccccn nnntcntccc tncctctent 720
cnctnctnct ctctnctnct catnccccct actccttctn nncctttcat ntentcanen 780
anntcnctt cnntnttctn ncnctctacc ntnnccatnn cnatnnctcn ntntncttc 840
tctcct 846

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<210> 3653  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 3653

acctattant	ntgatgtcga	ncctaa	ananataggc	tggggcgaat	cacgag	60
gcgggaccct	gcctctacta	aattaaa	aatagctatg	catggtagca	gcctata	120
gtcctagcta	ctgaggaggc	tgagggtgga	ggatcacttg	agctcaagaa	ttcaaggctg	180
cagttagcta	tgatggcact	actgcacttt	agcctgggtg	acagagttag	accctatctc	240
acaataaagt	aaaataagaa	taaacacact	cataataact	atttagttaa	taggaaactc	300
tgtttaagcg	atattgctta	tatttctctc	tcatgctttt	gtagggtctg	actcatcctc	360
tcaattatcc	acagagtata	ttgttagtgt	tttgtttaag	ctacctttta	cactcaatta	420
aaactattta	ctggaagtag	gctaaggtna	tggggtgaga	atagagatgg	tattatatca	480
tgaaatctac	ggaagagttt	gtagtcntag	ttcccctgcc	cccacagagc	ttattactct	540
tgaagaagct	ttgacnaatt	ctacatgact	tattccccct	actttaacaa	gacctgctat	600
actaaaacta	taccncagtt	tttccaagag	aatantgctt	ctaaattata	ttanctctgg	660
ntcccatata	nnctnnanca	ttntctcctt	tctcttattc	naaagttagn	ttntnattan	720
gactcttntg	ancatatnnn	nttanmntnc	gnncncccg	atantcnggt	tcctntggg	780
ct						782

<210> 3654

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3654

gtacctatcg	tntcgtgcat	gtcgnantng	cctaactana	attggttngg	gcggaagagc	60
tgaagagtag	gagggtggcag	gactaactaa	aagtgggaca	gtcacttggt	atagtgaagg	120
tagaatggac	agaattgggc	aactaattaa	gagggagaa	cctctaggag	aacaggagaa	180
cgcattccaaa	cctggaaaac	caggaagaga	agatccttgg	tgagaagcag	tcaatgagtt	240
tgctttggga	tatgttgagt	tcccaaactc	atcatgaggt	gaggcttcca	ggtagcaaat	300
gaatcacttg	agaccaggag	ttgaggagca	gcctgggaca	catagcaaga	ccccatctct	360
acaaaaaaaa	aagattttta	attagccagg	tgtggtggta	tgtgcctgta	gcccagacta	420
cttaggaggc	tgaggcagga	agatcacttg	aaccagaaa	tttgaggctg	caggtagagct	480
atgatcacac	catagcactc	cagcctggat	aacagggtaa	aacctgtct	cttaaaacan	540
acaaacaaac	aaaaaaccac	caaaatcctt	atgtatctgg	tactatagtt	gtctttctca	600
ttttacattt	gacactgaga	gacagagagg	ttgangagtt	tgggcangac	acacagctna	660
tacatggtag	agtcaagcct	tgagttcang	tctnctggcc	ccttatttcc	accccgaact	720
ttcaccatta	tcatattgtc	nggnangctt	ggagactctt	gaatcccttt	aactcaccct	780
t						781

<210> 3655

<211> 1017

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 3655

gaactaatnc	ctcncnnngt	ctaantngcc	naacnngntn	gngttngggg	nattngngtaa	60
tanantggca	gntaccaaag	atggntgtct	nnagttntcta	aatgacatgt	tgatcgnggt	120
catgatattc	gcaaatantc	ttgtctttct	tnacctnaga	acaaatgtna	agcattgatn	180
ggagcanaca	caacagttac	gaantntnct	gcntggcaac	tgactnaaag	cnaatntact	240
antcctctta	aacttccaaa	anagtatnca	ntactacngg	atggntctct	atncacangc	300



ncttngtctg	tnacntcnan	atcacnt	atctaanaan	ananntcnna	tnaatc	360
tcaacnacn	ccaanannaa	gncgnac	cgtgnnagtn	gtncancnta	atgancgn	420
cacttgccct	tncntcccc	aggcanacga	atattnctcc	ctttttaagc	ccntccangg	480
cncaacggct	cctncmntcc	ncanacgca	aagnttaann	annncntcct	nccctcttca	540
attantcact	accttcaaac	tcnctcancn	cattnccgnc	cctccntctc	ngcntcacct	600
cgtcaccn	tcttctnca	agtnncct	mntaancnn	acnntttccc	nnnaaccct	660
ccncgnttc	tnnactcact	gnntccatt	ntctccnct	nccctncaa	annnatnctc	720
cctcnntant	tccancctc	nactccagcc	gctancacac	ntctcgctca	catctaatec	780
nacgncattc	actnctctcc	ganatnancn	atcgcgnta	tangngaacc	taannnctat	840
ctcacnctnn	antctcncta	atnccancnn	taancntttt	gctncagcac	anacacntct	900
ctctacactc	ncnatàcnac	ttntanccat	ttncntanta	ctccatctac	anactctctc	960
atnncaccac	ncatctctna	tacaacnct	ctntctctct	ctngctanca	cancact	1017

<210> 3656  
 <211> 908  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(908)  
 <223> n = A,T,C or G

ntaangnntg	tactcgngnt	anctngccta	aatananann	gttnggggng	ctgggtgtng	60
gtggattaca	cgcgtgagcc	attgcaccca	gccttaaggg	accaggactt	tatctttnta	120
ccctgctgta	ccatcttttag	ctttttatct	ttttattctc	atgcttttgt	tncttcatga	180
tgtaggatg	gctgccataa	ctccagggna	tacaccaatc	ctctaaacaa	gaaacaaggg	240
gntgagacaa	aacactctga	gaaggttntc	ngggaacaaa	agacctccaa	gctgactctg	300
cttnataact	cattggctna	aactgagcta	tatgcccata	cttanagcaa	tactgacaa	360
aggggaatag	caccaaaca	cctctggctt	atcntagatc	aacctcgatt	nattnntctg	420
ggtttnggg	tggggccttc	ttnacctgng	aagcaaagaa	cctcttgcca	gcttgctccac	480
ggctactcan	gttcnntnta	cccaacaann	ggctatnggg	ttagtgacta	acttnccaca	540
gcncngcana	tacatttctg	atagtaacnt	ntttccaaga	ncttntaan	ttcaccntn	600
gaactatccn	gcancanatn	annctnttn	ctanttnnat	cannntggtn	tcaaactcan	660
anggnntttc	annccaannt	nnntntntct	nacatnnccc	nnccctncaa	ntccccncc	720
gtentcactc	ntentccacc	cctnnacccc	ttntcaanac	ctctacntnt	tcangctncn	780
cttnccnnnt	nntccctcat	nanctcactc	ntcactntnc	tctccnnccc	nncantaccn	840
tctctnnnnc	gtcctctctc	ctnnntccct	ctctctcanc	atatcttctc	tnncatctg	900
tnnccncc						908

<210> 3657  
 <211> 848  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(848)  
 <223> n = A,T,C or G

aatcnngta	cngngcgan	tngcctaaan	anaagggttg	ggggccctct	gcttccctggc	60
tgaccttggt	gtggccctct	gatggcacta	tgtgtcctct	tctctgagct	ttctgaggat	120
gacaagccgt	cttttcaatg	ggactccctt	ccagacctgt	tggctcacc	atactggaat	180
catcataaag	cctgtattgt	aaaacatcat	tggtnctaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagtctg	ggtgagatca	ctncattgcc	cctacttctc	tgaccanaaa	300

acacaagagt	tcatgggaga	aaataac	aacaacaaaa	acaatacaag	cantng	360
tacctcntta	ttggcacant	ttttcaa	angctggcat	gaatnaaaag	ccaagtc	420
ncaagacnag	gtgnnctgga	nccactgctc	agnactttcc	gacagccnac	gaaagcacat	480
cnaatgaaca	angccttgca	ttantgggac	gnttnnnngat	atacanccca	nggaatcatg	540
cnctgttag	tccangggga	cnagccctnt	nccatgcnc	cnctantgct	caaaccnntc	600
atnggcanc	tgctncattt	cgtacnnnng	tnggccctt	naatgaaata	tcgaancaat	660
ttnttaaacc	cncncnggcc	ttattgnnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannncntnn	ctcgcccttg	nntgcaattc	tcccctngcn	ggacntctaa	tgcnntcaaa	780
actcnancgc	nnnnggtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
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<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3658

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ctattttccc	cctaattcta	tgtcccagtt	ttggttagtg	tgctctggga	ttttgaccc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gttttttggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgctacttgt	aactgactgg	gatacgttct	gagaaataca	360
ttctcaggta	atTTTTgtca	ttgtgccaat	atcatagagt	gtacttataa	aaaccagggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gttggcagtt	gtaacacaa	gataagtatt	tgtgtatcta	aacataccaa	aatatagaaa	540
aggtacagta	aaaataagtt	taaaaaaaag	gtacacccaa	ataatcttat	gggaccactg	600
tgtatgtggt	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctttttttt	tttgaggcag	agtcttgatg	tctcgcccat	gctgggagtn	cnnnnnnnnn	720
nnnnnnncnn	nnnnnnnnnn	ncnntnnnnn	nnnnnnncnn	ncncnnnnnn	nncc	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3659

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tgaagaaagt	ttagaatgag	catgatggga	aaagggagaa	attgtatgct	gcagatagag	180
ggaggaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaa	ctttaagtca	cagctgaatt	acactgggga	aacaattaca	300
gactttacaa	tggaagaag	catcttcaat	gttggctgca	atcactgaca	gcaggaatac	360
tcacttttga	aaaaaaaaat	tggtatttgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgttctctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgaggtgt	ttgtttcatt	aattatccat	gtcatttatc	ttcttaactt	aatcaaccta	540
aatttagcct	gaatattatt	tgtaggggac	tgaagacttc	tagagagcag	agagcacctt	600

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tttttaatta aacaaattcc tataata ttttaatgtg actcaagaat cactat 660
ctatatatgg acccctctgc catgaaa agaagtcctc atccaattct gaaatatga 720
gactaaaata caattccaat tatgaggnat tttnttttaa gtcctaattgc aggaagaa 778

<210> 3660
<211> 792
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G

<400> 3660
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aaagagaaaa gagctattca ctacccgaga ctataagttt tagctgataa aaacacagcc 180
tcatcaatag ctattgaatg aagccacttg ctgagtcagt aactgaatgt ctatgtatga 240
tatttccagt atcatgatta aaatggagcc ccgaaatgtc attataaggc ctagtgtgtg 300
actgggggcc cagatggcca agtgggagca actctgaaac cattaaatag gaggagagag 360
agaaattaaa aaccttttct attcaaaaga aacctataac ccaaattcta aaatttatag 420
agacatataa tattaatata acaaaatcag ccaccaaaac attcatttct ctggatgaaa 480
ttaattttat ggagcagttc aacaaagact ttatttttaa aaataaatta tgtattttatt 540
tttgactagt aatagatgca tgtagtacaa aattcaaagg taaaaaagg gtaaacagtg 600
aaaagtaagt ctatctccac ctctttcacc tagccacca gtttccctnc ccaaaggcaa 660
ccactgttac ccatttcttg ctatcccttc ctaaggataa attgggtgca ttattccaaa 720
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attcaaatgg nn 792

<210> 3661
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 3661
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gtaatatgcc ttccccctgc gccttccgtg gtcacagcaa cagggactgc tcacccccctc 180
cagctggggc ttttctaaca agcacagtca gaaatgcgca ggcctggggg tggggatgaa 240
cagaagttga ttagtgggca cagaaataca gttagataga aggaatagtt ccagcattcg 300
atattacagt agggagactg catttaacaa taattgattg tataatttgaa aacagctaga 360
agaataagaa tattcccaac acaaagaaaa gataagcgag gtgaaggaaa tcccagttac 420
cctcattcag tccattacac attcgataca ggtatcaaaa tatcataggc acctcaaaga 480
catgtacaac tcttaattta acatttttga aagaaaaaaa aaccggccag agcattaaaa 540
caaataaaat aagaaacaca gaggccagtg ttaggtgaag aactccgctg cttcagaaaag 600
agaatagcag cgctcgctta ccgtgggaac acggccagtt aacaaaatgg gttttggttt 660
tttgntttgt tttgttttac cattggtaat aagatagtta acataagtgg tcagaacttc 720
gcttgaattt gtataaagca tttgttaagc gtgtaaaagt ccaaattaaa agtcttgaa 779

<210> 3662
<211> 805

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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(805)  
<223> n = A,T,C or G

<400> 3662  
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ggaaagtctt gagcagggtt ctgggtatag ccccttgtga gaaattcaag gcccaatcaa 180  
tgccatagat gagttatata ttccaaattt acactactta tgtaggtgta gtaacctcca 240  
aatcaataaa ttaatatata attggccag gactggtgaa acctagagtc ctgtcagaag 300  
caaatacaaa gcagcccttt aacaacagtt ttaaatttag ggccttcaag acccccagct 360  
gaaaagaaag tctctactga aagtgaagtc acaattttaac aggagagana nagaaagata 420  
cactgtgaag gatantcaaa agacattgca nanaggagga ctggtactgt cccccacccc 480  
cactaagagc ttaagatana acagcctgna tgagactatg aaatatnttt aanntgatga 540  
aagaaaaatg tcacctntcc ttctttccca gtcaagacan gnngnatccc ntttgnntaa 600  
ncctanaaan tacctgtgtn agatactnnn nttgatcgtg agacgccnat agtcaaacct 660  
cttggangna aaactanaca ttcttcnatn cttttnaant ccccccccn tcnggccctt 720  
gtcttcccan attcacctaa cttccccttg gttgcccccc acttaattcn acngcccntt 780  
nttttttcac tccaaacngg gncct 805

<210> 3663  
<211> 773  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(773)  
<223> n = A,T,C or G

<400> 3663  
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cggcacgaga aatgctgaat attggttaaca agcaacaggg gaaacaaggc agtctgagca 120  
cacagaactc aagtcctcct aatgggatcc cagaatgcc atggaggaag cagcatgtgc 180  
actgtgctga gtgctgagca ggatttcaag agagcaaagg cagagatgct ggacagggca 240  
gcacaggagg acgagtgtgc atgggtcactc tgagcagggc tggttccttg gctgggttga 300  
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gaagtgaagc tcacaagcca tcctaggcca cactgccatc aagccccaga cctctacatg 420  
cccatttggg ttctttccag ctcatatagc ttcttaagta ttgtggctaa cagttccctg 480  
acttgaattc ctagtctctg ttaacagttt tctaactttc agggaaaaaca agccaatttc 540  
taaggaaagt ggctgtgctt cagtcaggag tagtccgagg tagacatcca ggacagtatg 600  
acgcaaaggg tttggagcgc aacaaccctt tgcgttatat agccatttaa tgtaacctgt 660  
ttgtgtgagt tcatacctgg ctttgagcca ctattgtctg tgagtaatat aactgcactg 720  
ctgactctgt aggagagaga ataaagccat gtccaacttg cctacagtcc tcn 773

<210> 3664  
<211> 777  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(777)

<223> n = A,T,C or G

<400> 3664

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nttcattctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaggggct	cagcaagatg	240
acgaaagacc	tgctngataa	gctcnagnaa	ttngcnga	acctgccncc	tnataccntn	300
natganctta	nngannaacn	ngngngnnet	nctaacgtgg	ntgagatgac	tggccgctgg	360
gacgggtgtg	nnanctgca	tgatggacgc	atgtancctn	atncangntn	tgnactnnan	420
gngcctgtgg	aanntcncga	ngttacncgt	gctcagggat	attatngatg	gcgnttacnn	480
tantgctggn	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnata	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngctntaa	cagttgggga	ccctnnmtga	natcancnca	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcnc	gncggagcta	acggaanatc	ngngtancnt	tgctgctang	720
ccacttnana	ggattgtggg	cactttcaca	tgngnmtna	acgcttggca	aacttcn	777

<210> 3665

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3665

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ggttatgacat	atgtaataca	catctgtgta	cacagaaacc	ggcacctgcc	agacagagct	180
ggttctaaga	tttaatacag	tgcttttttt	cctctttgaa	atattttact	ttaataccag	240
tgctttttct	tggtgaactt	cttggaagaa	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaat	atctgagaca	cttacctttt	tcaaaagatt	tgtgtatgca	ttgcctaatt	360
agagtagggg	gagaagggca	actattatta	tccctatttt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agttagtggg	gcagccaggg	agaggactca	480
gatttcctgg	aggcaaagtc	tatctctgaa	actccatgaa	gactttttgca	gccagttccc	540
accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccctttt	attaatgtat	aaccaggaag	aaacattttg	tgccaaccgg	660
tttggacttt	tntatggcnt	gagaattcgg	gnaaggaagt	gttgaccccc	aagccangga	720
gaaggaaaga	antgganttt	ncntttgtcc	tttaaggggt	ttntaangnn	cattggtttt	780
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<210> 3666

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3666

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gtcttctcag	aaacaaccag	ccttgaaggc	tacaagtgac	aagaaagatt	ctgtttcgaa	180

tatacccaca	gaaataaagg	acaaca	atctggaaca	gtgtcttctc	acaact	240
ggcctggaag	gctacaagtg	agaaaga	ttctgtttcg	aatatagcca	agataaa	300
ggatggacaa	atacgtggga	cagtgtcttc	tcagagacaa	ccagccttga	aggctacagg	360
tgatgagaaa	gattctgttt	cgaatatagc	cagagaaata	aaggatggag	aaaaatctgg	420
gacagtgtct	cctcagaaac	aatcggccca	gaaggttata	tttaaaaaga	aagtttctct	480
tttgaatatt	gccacaagaa	taacgggcgg	ttggaaatct	ggaacagagt	atcctgagaa	540
tctgccacc	ttgaaggcta	caattgaaaa	taaaaattct	gttctgaata	cagccaccaa	600
aatgaaagat	gtacaaacat	tcacaccagc	agaacaagac	ttagaaatgg	catcagangg	660
agagcaaaaag	angcttgaag	aatatgaaaa	taccagccac	aggtgaaaaa	ccaaattcat	720
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<210> 3667

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3667

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ntnctcnatc	cttcantcat	gacacntcac	atgtcaagng	nagaaggtag	ancgtgnaaa	180
tgetatancc	ggcnnaatnt	aggagttctt	ctctggctcg	gttgctaaag	cagtgatctg	240
ngtnancccc	agggccatca	ctgtgcatgt	ncccatgccc	tnaacngnat	tcgagcacat	300
actgattnac	tanaaggagg	ngnangncca	gcagnaacan	cnnacgatga	cattggccnn	360
ganctaccnc	ntgnncgatg	ggaaaatggt	gaanntncnn	cgcattccnga	atgcgcnagt	420
tnntgtaact	cantaccaan	tgctcagcag	cactctcttc	tctngctcgt	ggagcttcag	480
cccattnantg	gaatanaaca	tcngctnaga	ntnactngn	cttttggtt	gnattgtnc	540
atccttggtg	atcacaaatn	ctcagactgg	aataggctgc	cccccaaac	tgtctgtggc	600
accctgaaaa	agctggggct	aaacagncaa	ggcgcgtcat	ccccttgnet	gaccncgnat	660
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<210> 3668

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3668

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gggcccacatc	tcaatgcaca	tatcantgcy	canagcncta	aaatttcagg	caacactttg	180
nttgagagan	gccaaaatnt	tggncaggcc	ctgggacatc	taaagtcacc	aatgtaacta	240
caccatacag	attaaaccct	cacatgatca	tgtaagctat	gcagttaccc	aagctgcac	300
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tagtctaaat	accgttaang	taggcccact	agctgtgttc	acattatccc	ttggccacct	420
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tnnaaancan	ttangtcttg	aaaaacatgg	actctttttt	ccgtgtggga	ccagttccta	540
cttatgtgtt	accagccaat	tggactggaa	cctatacagn	tgggnnatnt	agcccccgaa	600

attaatatag	ctcccaacaa	ctccttc	attatacttt	naactgnnaa	canaca	660
caaatancc	atccaactga	ctcactttc	ngtngaagct	anggaatacn	ctcngaagtc	720
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<210> 3669  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(779)  
 <223> n = A,T,C or G

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tgttaccatt	atgggaaact	ggaggaaggg	catatgggac	ttctttgtac	tgctttttct	180
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atcacagaac	ataatagaag	aaagaatcag	tgaattatag	gtctgtttaa	tagaaatgac	300
tcaaactgac	acacaaagca	aaaagaatga	agaaaacaga	acacagtgtc	tgagactttg	360
tggaataata	ttatataaaa	ttatctaaca	gtccatgat	ttgaccctca	gaaaggagatg	420
aaagaatgag	atagaaggaa	tatttgaagg	aataattggt	gaaaatgttt	ccaaattgat	480
gataatgtca	gtccacattc	ccaagaatca	cattgaaccc	tgaccaagat	aaaccaaaga	540
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gctgacttct	catttgaaac	catagatgcc	attagacagt	ggaacaatat	ttttaaagtg	720
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<210> 3670  
 <211> 814  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(814)  
 <223> n = A,T,C or G

<400> 3670						
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cgactgcccg	ccttcacgct	gtcccacctg	gagagccacc	gtgacggcca	gcgcagcagc	180
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gcagaggccc	tgactcgagt	catctacaac	ctgacagaga	aggggacacc	cccagacatg	300
ccggtgttca	cagagcagat	gatccagcag	gagcagctgg	actcggtgat	ggactggctc	360
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gagcaccacc	tgagccgcta	cctgaaggac	gtgaagcagc	accacgtcaa	ggctgacaag	480
cgggacccag	agtttgtctt	ctatgaccag	ctgaagcaag	tgatgaatgc	gtacagagtc	540
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tacgtggctt	gtccagcact	ttcaacctcc	tctacaagac	cgtccagagg	ctgctcgtga	660
aaggccaaag	acacaagtga	ccacaagcca	acccccacaa	agcccgggag	ccccccggcc	720
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<210> 3671  
 <211> 775

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(775)  
<223> n = A,T,C or G

<400> 3671  
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ccagagtcac tgagagtctg tnccaaaagc tacatgaagg ccatgggaaa aacccgggtg 120  
ccattttttc tagtggggaa caaggcagat ctctctccag agagagaggt acaggcagtt 180  
gaaggaaaga agctggcaga gtcctggggg gcgacattta tggagtcac tgctcgagag 240  
aatcagctga ctcaaggcat cttcaccaa gtcacccagg agattgcccg tgtggagaat 300  
tcctatgggc aagagcgtcg ctgccatctc atgtgagccc ttgggtgtgg ggtaactgcc 360  
ttgcttctgc ccccgccact tgccatgttc cagtgggggg cagatcctca ggacttcacg 420  
gggatgggtg ccagctgtgt tcctggcccc tggacacaca gtgtggcatc ctcatgtttg 480  
cacactttcc ccaggctcca gtggcctgga tgtcaatgtt taaaaagggg caaggacctc 540  
tcatggacac tggcctctac cctctgtttt tgtttgatga attctgttat aacctatggg 600  
gtcaggatat gagtctctgg cattatttat ccaggaccca tcctcttggg tgggttttgg 660  
gtgttggtcg ggtaaagggg agccggggac ttctgaaata anctggcttc ctggggtgac 720  
aatgnatata tgcaaataaa ttgagaaatc ttttaaaaaa aaaaaaaaaa aaaaa 775

<210> 3672  
<211> 769  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(769)  
<223> n = A,T,C or G

<400> 3672  
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acctgtggn cctgtgtaat tatnggtagc actccctttc actcttacia ngtctnggtt 120  
tggatgatat atggtgaagt ttttgttgaa actaaattat gaagtctgat atatttggat 180  
aaaaataaag aattgctttt cttctccttt tgctgatttt ttgacacatc attctaagca 240  
aatcatctc agcttcgtat atttcagcct gaagtacttc ttaccaaaagt tgtttcatgt 300  
aacatttggt caatatgttc gtgacatgtc tctcagtaat gaaaagttat gcattttatt 360  
gaatgaataa aaacctaacc tctgctattt ccatttctgg aagttgtaag agctcacatt 420  
aaagacagta aaagtcaatt taagccaaga tcattttcag cccaccaatg tcatggctat 480  
tggaaggaa aacctaattg gatcattgaa ctatcataac aagtggaaac tagaactttt 540  
ttatagcatt ttcagatgat aggtcctgtt atagtaagat atttcattct atttatcaaa 600  
atggtgtaaa taaaagaaac acaattattt tggtaatgct tatcttcagt ttaaactttt 660  
attcttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga 720  
tattttaccc attaattatt tctggaaaga tcttatgctg gtttaaatt 769

<210> 3673.  
<211> 785  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(785)  
<223> n = A,T,C or G



<400> 3673

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gcagtgaact	atgattgcac	cactgcaatc	cagcctggac	aacacagtga	180
cacaaaaatt	atattctgat	tttctgagtc	catgaacaca	ttgtccaaat	240
agctcctcca	agttacagat	agttccacgc	acacacagaa	ctcaccactc	300
tccccactag	tattactatt	aaattttttca	aacatgcaaa	agatgaaaga	360
gaacaccatg	taccaccac	ctagattcta	caattaacat	tttaccctac	420
acatatatgt	acctatccat	ctatccattc	ttccatgaat	ccatcaattc	480
ttatatatgt	caagttaagt	tgcagatatg	tagcttatgt	ttcaccttaa	540
ctggctatta	ttactggag	tgcaatatgt	ttttggttct	tctttatggg	600
ttcagtgaag	tgcacaagac	ttaggtatgc	cattaatagg	ttttggacga	660
cttgngtctg	aaactggaan	taaaaaaaat	caaacactaa	aaaaaaaaaa	720
tcgagcctnt	anaactattn	gngagtcgta	ttaccgtaga	tcccagacat	780
cattg					785

<210> 3674

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3674

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ttagatactt	ttggtaagat	caatttcttg	gtgaacaatg	gaggaggcca	gtttctttcc	180
cctgctgaac	acatcagttc	taagggatgg	cacgctgtgc	ttgagaccaa	cctgacgggt	240
accttctaca	tgtgcaaagc	agnttacagc	tcctggatga	aagagcatgg	aggatctatc	300
gtaatatcat	tgtccctact	aaagctggat	ttccattagc	tgtgcattct	ggagctgcaa	360
gagcagggtg	ttacaacctc	accaaactct	tagctttgga	atgggcctgc	agtggaatac	420
ggatcaattg	tgntgcccct	ggagtnattn	attcccagac	tgctgtggat	naactatggg	480
tcctggggac	aaacttcttn	naagggncct	ttcacaataa	cnccgattaa	cgaattgggtg	540
ttcttgagga	ggtnctctct	gaggtctgnt	tcctactgtc	tactgcncct	tcttnattct	600
ggacagtcag	ngcntgtnga	tgggggcccng	anctctatac	ccactcgtat	gaggttccaa	660
atcttgacnc	tgcnccaang	ttccagggga	ccntnttgnc	gggtgaaaana	natgnaagng	720
gacttttnaa	ggngaanaagc	taancttcna	acctctggna	ant		763

<210> 3675

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3675

annccagttc	tngttctttt	tgcaggatcc	ctcgattcga	attcggcacg	agacagggttc	60
ccatagctac	agagggtgctt	ttcaaaactta	cncagggaag	tgtgaccttt	gaagatgtgg	120
ccgtgtactt	ctcctgggag	gaatgggatc	tccttgatga	ggctcagaaa	cacctgtact	180
tcgatgtgat	gctggagaac	tttgacttta	cgtcctccct	gggttggttg	tgtggagtgg	240
aacatgagga	aacaccttct	gaacagagaa	tttctggaga	aagagtgccca	cagttcagga	300

cttccaaaga aggttcatct	agaatg ccgactcctg	tgaaatatgt	tggtct	360
tgagagatat tttgcacttg	gaacacc aaggaacaaa	ctgcgggcag	gtcaaaat	420
acctgtacaa ttttaaaatg	tcacaattaa acatgagctg	gtttcccaca	caaaaanaag	480
actgaagatn tgcattttta	ggatgacaac ataatggana	aaattngaaa	tagcatannn	540
aaaanctngg cccnttaaca	natngngntt gnnttgcccg	aaatcccgnn	nnggttanac	600
cccttgata ntttgggcaa	cncnntt gtntgcntn	nanaaaaaag	ccntttnttt	660
tggaanaatt tgggaancnt	ttgggtttta ttttggaacc	ccttttaanc	nccannaaaa	720
nanntttaan ccccnattg	gnttnntttt ngnttnnagg	gttanggggg	ng	772

<210> 3676

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3676

ggnnnttgc	aatncnattt	gaccnttgc	ngcaggctcc	ctcgattcgc	tcaagcaaag	60
ttcctgtaga	caaagtaaca	ccaagtactc	ttccagaaga	tttctagann	ttgaaaaatt	120
ccttcagcan	acaggntggc	gacaaggngc	cngggatgan	nangagcacc	actaactccc	180
tnaggtgcta	nacacacata	atgggaagcc	aacatttatg	gaagaagttc	tagaacacct	240
tcctggaaaa	acacangatg	aagtcaacag	catgaaaant	ggatcaaaa	gttctggctc	300
tagaagaaag	aaanncagag	tcaattnana	tntggnaaac	tnnaaagcag	cncaannggg	360
aggaaatttc	caagtcaaag	gaannggctg	acaacacacc	tgtgcttatn	tcatanncna	420
cangaggatt	ancaannnga	ancagaggaa	cantgatgag	actcaganat	nggcattgtg	480
aagctaggaa	gaaacagaan	agnntagaan	tgtcaatgaa	atgnngcttc	ccattnaaan	540
acgaaganga	gaaagngana	naacatgaca	aagancgcca	gngccagttt	angttnaaan	600
tactactnga	aagtnttacc	cagcnacatg	aaagaacagg	aagaattttt	gaggcttgaa	660
aaggagataa	agggaaaagg	cagaaaaggc	ataaaaaagg	aaaaagctgc	tgatgaaact	720
tccagatttc	aggaaagagt	tgaaaacaat	gttagtcgag	atccctctag	gcttn	775

<210> 3677

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3677

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ccatgaaaga	catttttattt	tacttgaata	tattcttgct	tcactttacc	ctccataata	120
tggtgtcatt	agtgtgatc	aagtttacag	agttacattt	tgctttccta	accattcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagtg	gatataaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgatata	tgggcaaaat	300
aattattacc	tatacgtgta	tttaagctta	attttcatat	aaacagtatt	tttaattctat	360
gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acgggtggctc	atgcctgtaa	tcccagcact	480
ttgggaggct	gaggcggggc	aatcacctga	ggtcaggagt	tcgagatcag	cctggccaac	540
atggtgaaac	cctgtctcaa	ctaaaaatat	aaaaattagc	cgggcgtggg	ggcangcgcc	600
tgtaatccca	gctactcggg	angctgancg	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720

<210> 3678  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 3678  
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 gaaggggcag agcccaggac agggctccat gtccacagga cggcgaggag cgaagaccat 120  
 ggggactgag tacacagatg aagacacaga agcatagaga ggataagtaa tctactagcaa 180  
 gtggaagaac cgggattcag atccagaaca ggctgactcc agagtactg gctgtcatgt 240  
 agtttctca actactgcct cagctctaca atcccagagt aaagctcttc tccaaatgaa 300  
 gagccaggaa gaggtagagg tggcaggaat taaactttgt aaagccatgt ccctgggttc 360  
 agtgactttc acagatgtgg ccatagaatt ttcccaagat gaatgggagt ggctgaatct 420  
 tgctcagaga agtttgtaca agaaggtgat gttagaaaac tacaggaaacc tagtttcagt 480  
 gggctctttgc atttctaaac cagatgtgat ctcttactg gagcaagaga aagacccttg 540  
 ggtgataaaa ggagggatga acagaggcct gtgcccagat atcctgaaaa tgcccacag 600  
 taagttgaac aagaagaacg ggagctttta gaacaagatt caagatgaaa caacacaagt 660  
 gttgaatatt ttataaatag ctaaaggcag aaaacgttgc caattatctc agacttnacg 720  
 aagtgaanaa aaacaaacaa acaactnaag tcttaattga at 762

<210> 3679  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

<400> 3679  
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 cagagaaaag taggcagaga aaggcagttt aggaggtgac acaagagga agcctaagga 120  
 gagagaactg gatggagctt cccaggtgat gacaggggtt aactccagg ctatacccag 180  
 ctgagcaagg agagctttgc ctcttcagga gactggaagt tggggaagac tccaacaggc 240  
 ttgtggtcag aagctcagga gactgggaag gaaaagtga tttctgagga gtcctagttc 300  
 atttcattaa tttgttcaat tctttaacgt atgtttatta tggacctact atgttgccag 360  
 acgctgtgct agctgttagg gacacaatga tgaacaaaat aggcatagtt ttttacccca 420  
 tgagagtttag aggggtggtg ggagagtcac taatcaaatg gcacaaacac atgtaaaatt 480  
 accataaagc ggggtgataca gaaaggcgac tgggtgttagg atagctaaaa aagagggatt 540  
 tcacctggtc aggtgggtca gggaaagctt cttagagaaa gagggacttt gggcttgatg 600  
 aatgaaaggt gaatttccag gcaaagaaga aaagggagga ngcttctagg cagaaggaac 660  
 ttctgtgcc atgatctctg agaaatgaaa gattaacaaa ggccaattgt aagtngaacc 720  
 agaattgaac ccaggaangc cccaaanttg agaanaaaaa ggcccagggc aagggccatt 780  
 ncntggnt 788

<210> 3680  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 3680  
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 cacttaatat tgatgataat cacttatgga gtctactaag atgttttgaa tcccttctcc 120  
 cattcaaaaa tcttgncaac cctgtgagac agatatgctc accttactga tgagtacggn 180  
 ggcttggaag agtaggtatg ttgnacatnt tacacagctn gtnactgnaa gantcnntnt 240  
 catatactcc cagattcaga acttttaaata accccatgct accttctagg gaaagcttct 300  
 gctatgtgtt tggagggtga ggtgaganaa agngaattnn taatctncca acatgctcac 360  
 tcttttttcc tgctctgtgg gggatgtaag tgaataaccc cagtgtgtgt gtgcactcgt 420  
 taatcttgta gcantgacan gtggaatgtg ggtctgcagg tggccttggg atgggtgggga 480  
 taactatgtg ccttcacctg tccctacaca ggcataccta ccagcttgcg tttgctttcg 540  
 acatgtntgg gcaagngtga attgcctctg ctntctctgga gagatgggccc ctgtggctgc 600  
 tntgggaaga acatcaaatt ttgcgtncat ttacatatgg catnctgtgn ntntgggaatc 660  
 tatgcatntn gtgttccctg gcttcaaagt tngtaacnna tgtggtnaga gccaaaaccc 720  
 ctacttgtgt accaaaggaa ggngcttang gaanaatggc ttt 763

<210> 3681  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

<400> 3681  
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 gagaactagt ctcgagtttt tgacagataa tagccaccct aggaggtgtg aagtgggtatc 120  
 tcattgtggg tttccatttt tctgatgact gagaatgttg agcatctttc cctgcgtgtt 180  
 gtccatttgt gtatcttctt tagagaaata tctgcttacg tcttttgccc agttttaatt 240  
 ggattgtctt tctgttgctg agttgtcggg attggttgta catcctccat actgagtcct 300  
 catcagatac ctgatttgcg aatattttct tccataccat gagttatctt ttcactttct 360  
 taatgggtatc ctttaaagcc ccaaagtttt taattttgat aaagtccaat ttatctaaaa 420  
 aaaaaaaant aaaacnana naaatnnaa anaaaaaaan ctngnncctt taaancntna 480  
 gngngtcggt tncgtaaatc cnnncntgat aanatccatg gntnانتng nacaaaccac 540  
 aattnganng cagggaaaaa anngctttnt tngngaaatt ngnnanctnt tnncttaatt 600  
 tganccattt ataagctgcn antaancang ttaccancnc caattgcttt catttaangt 660  
 tnaaggttca aggggnaggt tnnngangtt ttnaantncg gggccgaggg cncnaaatgc 720  
 attgggcccg gncccaantt tngnccntt nanngngggg taaattgccg 770

<210> 3682  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 3682  
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cacgagaggt	ggtgaaatta	agggac	catttctggc	aacacagcag	gatatc	120
ctataaaagt	cttccattac	acaccta	cacatcagga	gctcaaaaac	atataatc	180
tttaaagtgc	tagccaacat	tttgaaaag	tgtgggaaat	ccctcagggc	caaaaccaga	240
gggagttgga	caccagagtg	ataagcagac	actgaaggca	aggccaacct	cagggcttgg	300
ctcaatatc	tagaacttta	cccttgttct	caagtctccg	tgtggacagg	ggatgagggg	360
tacctggttt	ctgctccttt	gactatggca	tagactctgt	agatgtctgt	aattgaccgg	420
gaggtatgta	gatgactgta	tcaagttatc	ctcctgaccg	ggcgagtggt	ttcatgcctg	480
taatcccagc	actttgggag	gtcaagacaa	ggaaggaggt	gagctgacag	atgtgctgga	540
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ctcagtgaga	cctgggaagg	anagaaggga	ccttttctgc	angacggtgg	cctggagaag	660
aagctctttt	tccactgaaa	caggaggaat	ggcggggaag	gatgaatgga	tatgtgtatt	720
aattatctat	tgctgcatga	caaatacggg	tcactcaagt	ccaggagttt	gagat	775

<210> 3683

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3683

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cagagtgcctg	ggattacagg	tgtaaactac	tgctcctgnc	ctgnaatcca	ttttatnatg	180
ggaagcacan	ttacntagct	aatacttggg	ggcangagct	naagtnanna	ttgcatcnnc	240
antaatnntt	agaatgaata	tanattgaag	tcttggggta	tcccggcatg	attatgtcag	300
atgaaattat	gtgatatgca	naaggaaggc	ctcctgcact	tcatgnctnc	agctnantnc	360
tacananggn	caagggncna	tgannaatnn	ggangagggn	tncttgantn	gaatanatna	420
tntntcactc	agnttaaagc	ctgtaatccc	ancacttttg	gaaggccgag	gcaggaggat	480
cacctgaggt	caggagtttg	agaccagctt	ggccaacatg	gcgaaacctat	ctctactaaa	540
agtncaaaaa	ttatctgggt	gtggtggtgg	gcacctgtaa	tcacagctac	tcaagtactg	600
angcagaaga	atcanttgaa	cccaggangc	anangttgca	ntgaacccga	gatcacacca	660
ctgnactcca	ncctgggtga	ccaagaatga	aactcccgtc	tcaaaaaaaaa	nannnnnaaa	720
aaacttcgaa	ccttttagaa	ctntnnttga	gtcntntttc	cntnnaaccn	nanc	774

<210> 3684

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3684

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gaactccgac	cgtggcaggt	gaggcttctg	cacttagctg	gctgtcttca	tgtggggccga	180
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acacttggag	ggttctacta	gtgtgcctgc	gtggctgggt	tctgcacact	cagctacttt	300
agtttcttta	gtctatcctt	aaaaagattc	ctaggtgtgt	tcctgatttt	gaggttccgt	360
ttggtcatta	tgctctttca	gagttcatct	tttaaaatca	gtctgtggac	atTTTTTTTT	420
tcctcttagc	acagtttatg	gtctcatgca	ggtcaacaaa	ttgggactct	gaatgtgagt	480

gtgtgtgtcc	acacaccact	cttatt	accttattgt	caatgttata	gaaaaa	540
gtggaggctg	ggtgcagtgg	atgctg	taatcccagc	actctcagag	gagatgg	600
aaggatgctt	gagcccagna	gtttgagacc	agcctgagca	acaaagcaag	actcctgcct	660
ntacaaaaaa	aaaaaaaaaa	aactcgagcc	tttanactat	agtgagtcgg	atttacgtag	720
aatccagaca	tgatagatcc	attgatgagt	ttggg			755

<210> 3685

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(889)

<223> n = A,T,C or G

<400> 3685

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ctctttaact	atcaaattgc	aatttttttt	ttgccttgca	aataa caaa	ttacaattgt	120
catttactgg	tgagacaatg	agaaaaagac	accctcaaac	actgttggta	gaacacaaat	180
tgttaaaatc	tttctaggag	tcattttcaa	attatgtatc	aatgacctaa	aaatattttat	240
gtctcctgtt	cttatacttc	cagaaatcta	ttctacagta	ataaccggag	ataaaaaacct	300
ttacatataa	acatgattta	ttatactgaa	aagtcaaaac	aacataaata	ttaaaaatag	360
gaggtggnan	atttcacctt	taaatgctat	gtaggagaat	acttaaggga	ttggtnaagn	420
ccaatagttt	tngtattang	tggaaaatgc	cngaattggca	tgaatgntgt	acaaananag	480
cnntcatnnn	ttgccactct	tngtcataac	cncntcgctc	ttcnatgcat	nccccattat	540
tacaaactgt	tcncnnanac	tcnnenttca	ccangnctcc	ngcnnntnnc	annnecannc	600
tctnctccn	cancnncccc	ccgctcncct	nttctcnnca	acctngctcn	ccccncacnc	660
ccnactcccc	ccnctttact	ttnncccacc	natecncgnc	acnnctntnc	ttcnnncatn	720
ntnccccnnc	ctactcncnc	nnntagcctc	cncnttccca	cacttnnctc	nnntctgnnc	780
cntccntttn	tctcncctac	tacataacnc	ncnctcttct	catctctctc	ttctctctca	840
cnnaccccat	ccnncnnnnn	ctcttctctc	cttannctct	cactancct		889

<210> 3686

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3686

gaccaattat	atgacantta	ccagcgaacn	anaaggctgg	gcgaaaaanat	caaaccatcc	60
tttgctggca	ttaaatatcc	aagttgaaga	tccttcacct	tcctttaatc	ctatattaga	120
gtctataggt	gtgtctttct	tatagcaatc	ctgcactcac	ataaaaaactg	tatttttcaat	180
ataagatcaa	aatgtatttc	acaaaaaatg	catctttata	tttgttttaca	tttctcctga	240
ctgaatgggtg	ccatgtacag	tctgtgtaag	ttatagaaaa	cgtttgccaa	ctcgtagtct	300
accattttgt	tatttgtttt	ctatttgttt	cgtctgttct	ttactgcttt	gtttttccctt	360
tcctgccttc	ttctggatta	attgagtatt	ttggtaatcc	tttttaatct	cctcttttgg	420
attttttagc	tatacttacc	tgtttttgtt	tttgtttttt	aaggcggttg	taggaaataa	480
tgtatgcac	cttaccttat	taaagtctat	tttgaaatac	tgttacactg	cttcatgtaa	540
cttacaatat	gaacctcaca	acagtatagt	tcattttccc	atcccagtat	attttacttc	600
tttgttataa	accccatctc	tactaaaaat	acaaaaatta	actgggtgcc	agtgggtgcgc	660
atgcctgtag	tcccactacn	ttgggangct	gangcaggag	aattgcttga	accctgnagag	720
gcnnangttg	cagtgagtcn	agacgcncca	ctgcactcca	ccc		763

<210> 3687  
 <211> 829  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(829)  
 <223> n = A,T,C or G

```

<400> 3687
gcntattant gtgncttatt antgtggcct aaananatag gctggggcga attcggnacg      60
agcttaacat aacctatgag agtggacagg tgtatgtaaa tgacttacct gtaaatagtg      120
gtgtaacccg aataagctgt cagactttga tagtgaagaa tgaaaatctt gaaaatttgg      180
aggaaaaaga atattttgga attgtcagtg taaggatttt agttcatgag tggcctatga      240
catctggttc cagtttgcaa ctaattgtca ttcaagaaga ggtagtagag attgatggaa      300
aacaagttca gcaaaaggat gtcactgaaa ttgatattnt agttaagaac cggggagtag      360
tcagacattc aaactatacc ctccctttgg aagaaagcat gctctactct atttctcgag      420
acagtgcacat tttattttacc cttcctaacc tctccaaaaa ananagtgtt agttcactgc      480
aaaccactan ccannatctt atcacgaatg tggaaaccac tgtngatgaa gatgtnttac      540
ctggcaagtt accngaaacc tctctcaga gcananccgc catcttcata taangcnang      600
tgntaattgg atgggaanaa gctncaanaa gatcctgngt tnngnnctgg agcaaccnnt      660
ttacccccgc atttcctttc tanttnttag aacntccatc ggttggnntn ggcaattncc      720
ncggaanncn gcntnttgcg gncanctnan cccntnttta aaangttgtn nttctncccc      780
canttttntc tgnaaatccc tacanggcta attccttcaa ngcttcnct      829
  
```

<210> 3688  
 <211> 767  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

```

<400> 3688
tnctaagtct gggcttgntg gcttgccgca ggancctctg attcgaattc ggcacgagat      60
agagaggaac aaagataaga atgacagcag atgtgtggtc agaaattatt caaggcagaa      120
gacagtagaa ctgaaaaaga aagtaggtca atctagaatt ctatacccaa cacaaatatac      180
cttcaaaaat gaaggtgaaa taaacacttt ttgatggaca aactgaagtt gagagaattc      240
gtaaccagca gacctgtagt acaaaaaatg ttgaggcaag ttttttaggc agaagaaaaa      300
tgatactaga tagaaatttg ggctgcacaa aggagtgaag aggcttccaa atggtaaatt      360
atatggaaac atatgaaagt tatcttttct catttttaat ctctttgaga aactgcttaa      420
agcaaaaata taaacaaggt actttggagt ttagaacata catagaagca aaatgtatga      480
caaaaaatac taaagttagc caggagtagt ggtgtgtgcc tgtagtccca gctgtttgtg      540
aggctgagat gggaggatca tttgagcgag cctgagaggt cgaagctgca gtgagctgtg      600
atggtgtcac tcaactccagc ctgggcgaca gagtgagacc ttgtcttgaa aaaaaaaaaa      660
aaaaaaaaactc ggcctctana ctatagttag tcgtattacg tagatccaga catgataaga      720
tcattgatga gtttgacaaa acccactgga atgcagtga aaaaatgc      767
  
```

<210> 3689  
 <211> 986  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(986)  
 <223> n = A,T,C or G

```

<400> 3689
acttattntg ggnctaantg gngngccaaa aaaaaggntg gggagcatgg cttagntggg      60
atcntgagan taatnatgag atctacnctg aaatgactta acctanaatt aatgtgtggg      120
cagnntgnaa tatgtgaaat tnnggcntta ncnctctttt ggcnnataaa aaatctnnna      180
ttaaaaaaca tgn cattnga attgaacatg tgcntaaccn ctgaantatn tctganaaac      240
cctaggtncc gtggcatatg ngatgaatnc canngacnna tnnnaaccnca ntntacatan      300
nntcacngcn tatnnaacat caannatgct tgngnaaagg gntannantn cncaacgact      360
nttgttttnng agcanctntc ttngntagac cttntnaccn ncnanggnntn ctcttaacnn      420
gntgatnntt nactcatcnt tcnctttctt tcctattctn nnnntccaaa gtttccncnc      480
nnaagnnann atgaatnant ngtgnnncnc caccctnatn attntanata nncgcnattg      540
aaatntaata canntccnc tnnctctnan mnaatnccat nncatctnan taaaantata      600
ncantnnct tncnaccnc nnaaagattc aaanttcgct ncccttnttn ncnatatact      660
ctnnatannn atannccgaa attntcancn ttctantnnt nacntancaa aactcnctat      720
agnaccctca catnctcng acacnatnat nccaanaac ctntaatcgg annnnacntn      780
tctgaatnnc tencactcct nttataccnt ntntcattn taactctatc atctngnant      840
angnccatct cctcanatc taaacanntt ntngcnctcn nntagnggag antgtctctn      900
tacgnetnan aanggtctt cngatcntcn naatactcnt atagagacta tacnctcatn      960
attgtcaca ntatctacaa cacnng                                         986
  
```

<210> 3690  
 <211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(847)  
 <223> n = A,T,C or G

```

<400> 3690
cnnattanng tagctggatg ctggcctaaa nanaaggctg nggcnaattc ggcacgaggn      60
agcttgtggg nnagacnanc aanggtgcat gangaanaaa acnnaattca ntaagccngn      120
naggacagc ccatagtctn ctcgattngt acaatcaagg cggacatttn ctggntatgt      180
ggannagagg ttaattggcn gnctatgant ggnnnagcct aaanttgngn ntacntgnat      240
nnntnatnt gcnnanaaan gcatnngant tanagntncc aaaagntntg aaccnaagga      300
ctanagnaac anacnnntna tngcctggtn ntcagtnata ncnacaccnc acaggggacn      360
ngatnttnc cngnanttnt nacaggtctc nnnanctggg actcaagncn ncccatcatg      420
caatncttc anannaactt gtgacttgca nttnnatact anancttnan tcccttntta      480
cattcctcaa atgcnaaact ccncttttct taattccnat tatnnactnn nttnnncngc      540
ttattggnc actnntanca tncnggnann nccaactaan cnnattnttn gannttgata      600
ttggngcctt aacnaacana ncgtnnntat cgctnngtca ccantctcac tcattnatca      660
annacnnng cnnantnat tctcnatcna nncnnanttt gctanantnn nctttcccn      720
cnttnanttn ctannaaacc ccctntcnnn ggcnccaatn gnnaantngn accnnncnn      780
tctnnanggg ntactnggc cncatacctc ctgngcaanc tntnaannng canactnctn      840
ntcncct
  
```

<210> 3691  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (1)...(775)  
 <223> n = A,T,C or G

<400> 3691  
 ctaatngctg ggctctngnn ctttnngcaa natcccancg attcgctgca aaatggactg 60  
 tgattcagga cctcctcctt acctacgagc accctgggag ggactgacta atggcccagg 120  
 gacacacagt catcctctgc aggcaacagt caggcttcta cttgctgaag ccgtcaaggg 180  
 cttgactgtc aactcagtg ttctggaaaa caaatcagta aagcaattta gaggatcttt 240  
 tgcaaatacag agaaaaagaa tcaatacaag gcgaaagaat tctgatcagc actttaaaac 300  
 gtgcttatca gaaacttttc ttctctcttt taagcttttg ttctaactga gaaatgcaact 360  
 ggataatagg taaccctccc cagaagaaca tggacttcat catttcacca gattcacttg 420  
 ttccctttta ggcccagcca ataaaagtat atggtatctt caagctctga tttcctaata 480  
 tcagagataa aaagccatgg gaacgcagag acttggtgaa tttgtaaaaa tccaaaaaga 540  
 aaggccagtc atgacggctc acgcctgtaa tcccggcact ttgggagggc aaggcagaaag 600  
 gatcacttga gcccaggaat tttgagacca gcttgagcaa catggtgaaa ccccatcttt 660  
 taccaaaaag ataaattatc tggacatggt ggtgcnagcc tgtantncca gcaacttggg 720  
 aaggtgangt aggaggatca cttgagcctg ggangtgga ggtcccgggtg agccc 775

<210> 3692  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 3692  
 agnnnttcta atcnnttttc aaatcgctng gctactngtt ctttttgcag gatcccatcg 60  
 attcgaattc ggcacgaggg ccaaactagg gcctgctctg acatccgcaa tgtacgtcca 120  
 ctagcagtg gcaagacctc ccgcgagaca ggtgttgttt ttaatgccc tctcacagat 180  
 gagggaaaaga tctcaaagta ccttgattat ttacccaaag ttcccgaccc aggcctttta 240  
 aactttttat gcatgcaccg cctcttgacc acatcagaca atcaccacaa aacgatgggc 300  
 tgacagttac tagagggtta gtaacttata tttaaaaggg ccaggtagta aatatttttag 360  
 gctttgtggc caaaagtctc taccacacct actcaactct gtcacgctag cacaaaacag 420  
 ccacacacaa aaaccaaatt gggcagctga aaaaaaaaaa ataataatta cttaatgaan 480  
 aaanaaanna nacnanttga nnnttcttnn tttttnatnc natnatcccc tcntgtnatn 540  
 natccttna tgtagcttgt gacaagnncn ntnccttnaaa ncatcnnnat aaaaannncn 600  
 nctnntttnt tnaaaaacct tnnatcctct tncantnttt tggngganat ntttnancng 660  
 tntaaaanna nttttttcaa aaannnattt tnaanaanta taagtccng tttttttngn 720  
 tttcgggnnn ngggttttta annngggncn tnngtcccaa nnctttgggn nccnaaccnn 780  
 tttnn 785

<210> 3693  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 3693  
 aaatncnagc tactcggttct tttggaaggc cnnatcgat tcgaattcgg cagcagattt 60  
 tcatccgagg cattgtctaa tgatgtccca ctgcgaagga taaagatgta gttttctttg 120

actctgccac	ctcccactac	ctcact	catacttctt	gccatctttc	tcccaa	180
taagtatatc	attatggnta	ctagtatc	agggtttaca	ttattatgac	gtaaaatg	240
ctattttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
nctntnctat	ggatngctac	ttatccatat	tgcttatntg	ctaagctttc	tgtatactta	360
tcattgncta	tgnntntgat	ctccaaattn	tcctncaggt	gcctgaattt	cctctnggna	420
tgtccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtgacatc	catnctgnag	480
nctttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggtatcnact	540
ttgcctacat	ctgngtctnn	ttnggatctc	tnnnttgcca	gaccccttnc	tttcaactnc	600
ttggngctgca	ctnaaatng	gtggagcaca	tgcaatanta	ngntcctgag	gtatggtgaa	660
tgggaggcac	atnattgagg	tctngcanac	tgaaaatggt	ttacaggagn	ggcaaaccat	720
gacccataga	tgaaatgtac	ctggnacctg	ggt			753

<210> 3694  
 <211> 799  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(799)  
 <223> n = A,T,C or G

caaatcncta	ggctactcgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
catagagacc	atcatggcat	gtcccccg	tgaaggctc	tacttttttg	agtttgtgag	120
ctgcagtgcg	tttgtggtga	ctggcgctct	gctgattatg	ttcagtctca	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agatttggtc	aacactggac	tcagcgcttt	240
cctttttcttt	attgcttcaa	tctgtactggc	tgcttttaaac	catagagccc	ggagcagaaa	300
ttgctgcccc	tgatatttgg	cttcttggcg	actgcggcat	atgcagtga	cacattcctg	360
gcagtgcaga	aatggagagt	caancgctc	gccancanaa	gcaccaatga	ctacattcga	420
gccccgcacg	agtccangga	tgtggacaag	tccgcctgag	atncancgcc	tggacacgct	480
ttttctggtt	angaccgctg	ggattgaaca	gaacttccgg	taaaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600
gcctaaccat	ggtccccact	tctgtcattc	acacaagttt	taagtgggtc	ttgccaccan	660
aaatcctctt	ttgctanggt	actccggaat	tgcttccctg	nggctttnat	cttaaataact	720
taaccatggg	annaagactt	tcaagaagan	tcaatcttta	attccttccc	tcaattggct	780
aaaatttttc	ttaaaaaaa					799

<210> 3695  
 <211> 876  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(876)  
 <223> n = A,T,C or G

gnnnnnnnnn	tttnnaactt	nctaattncg	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgaggca	gtgactgcct	tgggcttttt	ttctgctgac	taagatctcc	120
tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaagggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaag	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	gttgaagaag	360
actacaatga	aaatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtaaaa	gaagaaaata	ttgaagatgc	cacagaaaaag	ggaggagaaa	480

agaaagaagc	agtggcagca	taaaaa	atgaagaaga	agatcagaaa	atgaag	540
aagatcaaaa	cgaagagaaa	gaagctg	gaaaagaaga	caaagatgaa	ggggaag	600
aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaanan	720
nnnnnnnnnn	nnnnnnnnnaa	aaaaaaagcc	tnttagaact	tttaggggag	tccgtatttc	780
cgtagaatcc	ngnacntgga	taaggatccc	ttggatgnag	ttttggacaa	aaccccaact	840
tggaaatgcc	nttgaaaaaa	aatgcttttn	ttttnt			876

<210> 3696

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 3696

gnnnnnnnnn	tttnnaactt	nctaatacng	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgaggca	gtgactgcct	tcggtctttt	ttctgctgac	taagatctcc	120
tatagagagc	tacaacaatg	cccaaaagaa	aggctgcagg	tcaaggtgat	atgaggcagg	180
agccaaagag	aagatctgcc	aggttgtctg	ctatgcttgt	gccagttaca	ccagaagtga	240
agcctaaaag	aacatcaagt	tcaaggaaaa	tgaagacaaa	aagtgatatg	atggaagaaa	300
acatagatac	aagtgcccaa	gcagttgctg	aaaccaagca	agaagcagtt	gttgaagaag	360
actacaatga	aatgctaaa	aatggagaag	ccaaaattac	agaggcacca	gcttctgaaa	420
aagaaattgt	ggaagtaaaa	gaagaaaata	ttgaagatgc	cacagaaaag	ggaggagaaa	480
agaaagaagc	agtggcagca	gaagtaaaaa	atgaagaaga	agatcagaaa	gaagatgaag	540
aagatcaaaa	cgaagagaaa	ggggaagctg	gaaaagaaga	caaagatgaa	aaaggggaag	600
aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgcaaaa	gagaaagaag	660
atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tgggaaaaan	nnaaaaanan	720
nnnnnnnnnn	nnnnnnnnnaa	aaaaaaagcc	tnttagaact	tttaggggag	tccgtatttc	780
cgtagaatcc	ngnacntgga	taaggatccc	ttggatgnag	ttttggacaa	aaccccaact	840
tggaaatgcc	nttgaaaaaa	aatgcttttn	ttttnt			876

<210> 3697

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1151)

<223> n = A,T,C or G

<400> 3697

ttctaaatac	taggctatng	ttctttntgc	aggatccntc	nattcgcgcc	gcaagctgct	60
gaatgccttg	ggactagctg	gtgattacct	cgcccagggc	ctgaactcac	cctggccagg	120
tccanacctt	tctgctgtgg	ggagcaaggg	ccctggctcg	ctactggctg	ctggctctgc	180
tnctcggett	ggtcttggcc	ttgctgggcn	gatcctgtgg	ggctgaanct	tgtcatttta	240
cttggccgnt	ttcttggccc	tgatgaagtn	ngtgccccga	aaccttttta	nccccggccc	300
tggttaattc	tggnccttgg	gttgaatcct	cttaananca	ctgcttatan	cccngnttta	360
aannggnttt	nccaaaacct	ctttnggggg	tnnaaaaatt	ttataggcca	aaatgnntnn	420
caaanggett	tttnaaacnc	ccnctttggt	aanggaaacn	tttagncntt	nngnccccnt	480
aaangnccaa	antcggnncc	anaaaggggg	ggcccnccca	aaaanttggg	aatgnaaagn	540
aaanttaaaa	ccccgatntn	gcncccaaaa	aaaaaccggn	ccaatnngtt	tcattaaccc	600
nnaaaaaaaa	acnttttaaaa	cctgnngnttt	tntnngnggc	ccaatttttc	taaaaaccct	660

tntcctttgc ccaaaaaacnc	cttggg gnccttntt ttnnaatttt	cccctt	720
ggggncttnt ttttngaaaa	ctttttt aaagnaaaaa	caaattttgg gnnncctn	780
ttttgccccn gnnanaaant	ccccccaan anttttttagg	ncccccaagg naagggnaaa	840
aaaccnctc cggaaaaaa	gggnaacccc caanttttnc	cccccccctn tgggccttg	900
ggttancccn tttttgccgg	ggggnncccc ttggggnnnn	tttttttnt aaanggggt	960
ttccttcttt gggncctcn	gggggggggt tttnngggct	ntttntntt tttaaaaacc	1020
cccctttttn atnntntggg	ngttttcnnc aaaaaccttt	ggggcccttt aaaccaagg	1080
gggaaaaagg ttttttga	aaagggggcc cttatcnctt	tttnngggctt tntttggna	1140
aaanatgggc g			1151

<210> 3698

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3698

atacagctct tgttcttttt	gcggatccct cgattcgtgg	aacaggagag tcgcatggag	60
gtactgtttg cctgtgctga	ggccctgcat gcgcatggct	atagcagtga ggccctccgt	120
ctcactgtgg agcttgccca	ggatctgcta gccaacccac	ccgacctcaa ggtagagccc	180
gcccctgcca agggcaagaa	gaacaaggta tccacgagcc	cgtcagacct gggtagctac	240
caacaccctg agcaaggcgg	ccttcctggt gacagtgcta	antgagcgtt cagagcacca	300
caacctggcc ttccgagttg	gcatgtttgc cttggagctn	canangcctt cancttntac	360
aaggnccttg aagtgaact	tgcattccan gaatctgaag	tggctgncct gctcaaagaa	420
gatccctctg ggtccaaatg	agatgagtac catgccgtgc	cgggcanang aacttcggga	480
ggggacactt ctgtgactat	cggctgtggt gncctctcatg	ctggccagtt catctttgac	540
gtctctgtgc tccaagtatg	atgcctgacc ctacagtaag	tggggaactg gggtanggg	600
agctttctnt taanaaagan	cnaagacccc aagtttctga	atcaccttta ggaccatcag	660
caacttcatg ggttnccggc	cccaagtcgc aactggaaca	ncgagacacc ttggggataa	720
gaancttgga ttnaacaca	nnttgcttgc cttgggcatg	aaaa	764

<210> 3699

<211> 867

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(867)

<223> n = A,T,C or G

<400> 3699

ttcctaattgc tnggctactc	gntctttntg caggatccnt	cgattcgaat tcggcacgag	60
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atgcatttca gaaacaaaat	attaacgtaa acagaaaaaa	gagaaagcaa tcatgacaaa	180
gcctaagagg gctagtggaa	tgctagaatg aactcattta	ccttcctttg atatttang	240
gctctattgc ctgctaattt	catcactgnt atttttctta	cctcttatct tttccctgt	300
agttattatc agcctaatat	tcattcattc attcatttac	cttgagtttt taagcttgtg	360
cnnaaaccaa caaggttggg	gcccnaagtt ncnagaatgn	ngttncccna cnttggnaag	420
taaacntggg ttangggaaa	aaangtnncc ancttggccc	tttttaaaga caccaangtt	480
ttaccncat tccatggggt	tcaatgggga aggaaaaacn	aaaggggant ttattttgna	540
aaaaactgtt gccaaagattc	ccgaaagggt agccccctng	aaagctttta aacctnccaa	600
nnaanccttn cnagaccctt	ttggcctttt aaatnccctt	tttaaaaagg ccccccantn	660

agggaaaaaa	ttcccagant	gggggtt	accnggtctt	gacctttang	atgtan	720
gcttgncttg	cccnatgttc	caacatt	nggtcccctt	ttacaatgnc	antacat	780
taatngngng	gcccctcatt	ttnaaatttt	aaaaaatttc	attttancct	tttaaaaaat	840
tcnttttngc	ccaagaaaat	gttttct				867

<210> 3700  
 <211> 935  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(935)  
 <223> n = A,T,C or G

<400> 3700						
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ttgaattgtg	ttcagatatg	cagtttcagg	tgtnatcatc	agagctgggt	agtcaggcat	120
tccagatagt	ggttcttttc	agaacctttt	taaaagggtt	gggttaacta	cctcagtagc	180
agaggattga	actataccct	gtctgtactg	tacatagaaa	atctttgtag	ataaaagcaa	240
ggcttggttaa	atatgatatg	agggtaagat	tttaatatat	caaagtgaac	attcttagtt	300
gccttttagtt	tcanaggctt	gtaagacttc	ctcatgaccn	tnattacagg	ccttgctttt	360
ggccgnattt	tggggctgaa	aaagcaccct	tgcttcttca	ganattgnag	ntatttggat	420
gtataatagt	ttanccagat	ggtacttttg	gtaagacatc	agatgttcaa	aaaagtgcac	480
tccaacttgt	ctaaatactg	cagtgtcccc	tttataaaaa	ggtcagacct	aaaactggcc	540
aatttgntac	anccggaanc	cctggncatt	ttgggatatt	tttggaaggt	tttttttcca	600
ttaaaattca	tttgggaaaa	tttaggtaat	tattngggct	tggtaaaggt	tttaaaccct	660
tttttttaag	gggtnaaaaa	angggtattn	ggttttccaa	ttttaagtng	gccattttcc	720
ttttcccttg	gcttggnnat	tccacctggg	tnaaaaacca	ttggttgga	aatccnaag	780
ccttttttnc	caaattttcc	ctttaatggc	ccanggggtt	caattggaat	naaacctttg	840
ggtaaaaaag	gttttnaagt	ttcccaaatt	ccatttttgg	nggccttaat	gggggttttt	900
taaaaatttt	tccttnaaaa	gccnnccctt	ttgggt			935

<210> 3701  
 <211> 977  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(977)  
 <223> n = A,T,C or G

<400> 3701						
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agatgaaata	catttagcac	ttggtaagca	ctctataaat	atggcaatat	gatagtccct	180
gactcatctt	cctctctgnt	gccctttaaa	caggtgagca	cctagccttg	ttgggtttat	240
gtgctcaaca	gcagttggac	ttcccctggg	ctcctctacc	catgctactg	cgtagtcaan	300
ccctccataa	anctnctctc	tggntctctg	ttcccanatg	gnctttggcc	tttccttttt	360
ccttccanc	ttaacgtttt	taaccatgcc	ccnggggaatn	ttttttgaaa	angggaaact	420
gganccttng	gtnccccngg	cttttaaaaa	ccnnccaata	aatttnttac	ccncattagn	480
agggnnntaaa	aaaancctaa	cttttttggg	gnngnantac	ctgggacttt	ttctttccga	540
actttttcct	ggcccttcaa	acttttccaa	ccctctttcc	ccggtncatt	ggggatccct	600
attaccgggg	aggaacatta	cccaaaaatt	ncctttaaaa	ttttcttncc	aaaacattgg	660
aanccttttt	tcccgggctt	tctttttcaa	taatggatnc	aatgggtccc	aaaaggccaa	720
attnnattct	tggncctttg	gaaacctttt	tggggaaacc	aagaacttca	actttccatn	780

gggccccagt	ttttttncca	aaagggga	agggttttttg	ggcttggttaa	gntacc	840
ccaacaantt	ggccaaggga	aaaaaaag	aagcccacct	tgggggcctt	acctggg	900
gtngggggaa	naaacccctg	gggggtncct	cttnggggtt	tncctggggg	nccttnccca	960
accttaagnc	cccacna					977

<210> 3702  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(932)  
 <223> n = A,T,C or G

<400> 3702	
naatcccagc	tacttgttct
tgctccagcc	tttcttactc
taattttcat	gcttggtagt
agtaggcact	tgattttttt
acttgccctca	aaacactgaa
aagtttacct	agaaagtgtg
nnngntttgaa	aactaccttt
taancagccc	cccgnggata
ccnggaaaaa	aaacngnncc
cagccnttcc	agaaattttt
ntggtaaang	gggnttttta
aggaccaatt	ttaaatnggt
ggctttngct	tttttngggg
cctccaggtt	tnaaaaaaat
tttaaaggga	aaaanaanaa
ngtggaggtc	cggatttacc
	gtagantcc
	cc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	840
	900
	932

<210> 3703  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 3703	
cnaatngcta	ggctactngt
actcttttat	attagggact
actaatgtgc	agatgccaa
atattgcatt	gtttctttga
agctttctaa	tctctgagta
tgccacctga	gagtggagg
gtacagaatc	atggctgcat
agggccaaag	ccctgttate
gggtgtgggca	agccnnaccc
caancttcaa	taggattgtn
genatgantt	cannnnccng
aatnggggcn	ttgngcctgg
ggtcnaaatn	ccngcngntt
	ttncnctngn
	nnngtttnaa
	tgaactgnaa
	naaaaatnnt
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	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780

<210> 3704  
 <211> 805  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(805)  
 <223> n = A,T,C or G

<400> 3704  
 ttcnaatgct tggctactcg ntctttctgc aggnatccca tggattcggt caaatctgcc 60  
 actcccagag cccgtggaac tctggcccaa ggctctctga ctgactcctt cttggcttag 120  
 cggctgaaga ctgacactgc ccgatcgcnt nagaacacc gtaaaccatc acggangccg 180  
 agctntactt anctttcana gtggaggaan gcnggaatgt nangectctn aaccaagcc 240  
 aagccatcac attccctgng acttgnacgt atgcacgtnt gcncctaaat ggcctgaant 300  
 tactgaataa tnacananga ngtgaaaagg ccctgtcccg ccttaactga tgacntttcc 360  
 accattggga tttgttctcg cccacctta acngagngan ttaccctgtg aatttncttc 420  
 tcttgggtca naanctcccc cactgatcag cttgggancc ccgttcntnn caccatanaa 480  
 caaaccctt ttgactgaaa ttttccatt accttccan atcctataaa angggcccca 540  
 ncttatntc ccttcgtga ctcttttcng ncttnnggcc catctgnccc tggcgaaata 600  
 aacanccatg tagttcacat aanaanatcn tttaaaaaac cttnganccc ttttnnaant 660  
 atantggagg ccntttttan gggaaattcc cgnantttgg ataangatac catntgtann 720  
 anttntgggc caanaccnc aaactntgaa atgnccattt gaanaaaaaa aangccttnt 780  
 antttttggn cnnaaaattg ngngg 805

<210> 3705  
 <211> 868  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(868)  
 <223> n = A,T,C or G

<400> 3705  
 naaatccctg gctactcgnt ctttttgcag gatcccttcg ntgcgaattc ggcacgagcc 60  
 agcctggcca acatggcaaa acactgtgta cactacaaat agaaaaattg gccgggcatc 120  
 atgggtgtgtg ccgtagtcc cactactca ggaggtgat gcaggagaat cgcttgagcc 180  
 tggagggcgg aggttgcagt gagacgatac cgtccactgc acttancct gggcaacagc 240  
 aagactncgt cttcaaaaaa aaaaatttta aaaagatttt tcttatggng gggttcaaaa 300  
 aatggttgtn ttggcaacgc tnggtgcaa tgggttacc ctgnntaat ccnccacttt 360  
 ttaaaagncc caaacgggt ggggatcacc ctctanggtc nggaaatttt gttnnacctt 420  
 tggggttnan aattngngn nccccccat tttttctnt ataaaangna ccccncaaa 480  
 aaattctatt tccnccgaat ttgggtgggc accgttgccc ttggtaaatt cccaancttt 540  
 ctttggggga angctttaag gccaggnaa aaaattggnc ntnaaanctt ctgggggctt 600  
 caaagccgaa ncanttncca accttcaacc ttccatatnn anttggggac tacnagggng 660  
 ccnccnanc nttttnctgg ctaanattta ctgantttca ngtagagnan ccanttttn 720  
 ttatttttnc ccaaanncnt gctnnnaaat tcntnctnt tatgnanccn accaatatct 780  
 nnntnccna aaattctngn naccnttnt ctnagaaacc tnatngccnc nantanncc 840  
 tngggttcan nntttcccn tccntttc 868

<210> 3706  
 <211> 855

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(855)  
<223> n = A,T,C or G

<400> 3706  
cctagttcna atngctnngc tactngttct ttttgcagga tccctcgatt cgaattcggc 60  
acgaggtgaa gccacctttg tgaacagtat agtaatgtct atacttggtc aatagtttag 120  
aggaggtagg agggaagaaa ttgcaaaagg taatattact agtgtgttca tacttggaca 180  
ttttcagaca ccatttttct atagtgtttg tgcattttgt tttgctctgt atatagtata 240  
tataatggac aaatagtcct aattttttcaa catctagtct ctagatgtta aagaggttgc 300  
cagtgtatga caaaggagta aaattagcct attttgtaca ctttgnggtt gaattcctng 360  
gaaaacctgg cttctgnnaa aaaccttttn cttaggaatn tgtttngcca tctcttaacn 420  
ttacacctng ccctgtntct ntccactgga ttgaaaggcc cnataaagga aggggagggg 480  
agggaaattg atttcaaagg ccccaaattg gccacatttt aggaaagaat accctcacna 540  
tggaataanc ccatttggtt aatgtngtgg tgccaaattt ttatttaaac aagtgcctgg 600  
ngtaatggtg ggtggggacc aaagtttatt ntggaaaata tcctnagtnc tttcttagaa 660  
tanttttggg aaaatgcctt ggatggtatt ttaaaaagtg gtaagtagaa atanaccctt 720  
tttggaatat aagccttttt aaaaaacctg attgggnaaa ttctnngttt tggaaanttg 780  
gaaattggtt ggaaccancc tgggaagggt ggaaggggaa gaaaatgcc. atgggggttt 840  
tgccattgg ttnta 855

<210> 3707  
<211> 778  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(778)  
<223> n = A,T,C or G

<400> 3707  
gnnnnttnna aannncngg nttnngnng cccttgtttg ncnananaa acncnntgna 60  
ancncgggt cgttctcct ctccattgc gatttgcctt ctttatccag ncttnnggaa 120  
tgctgatttn aaatgtnnnt ggcacaaggc aggcgtgaaa acataaagtt aataaaaatc 180  
gaatgcataa gctagagcag attatccaca gattcttcca tctccatata gattatcacc 240  
attgcctgca cctgttttcc ttctccagcc tatctgatgg aatggtgctt ccatgacatg 300  
tggtatttgg aaggctctta gctctgatgt aatcaggggt tgacctatag tcacctgaaa 360  
tagnncttct ggnnctcttt ggtctatgaa ctgaaggggt tcagaagccc gtgttatgca 420  
aatacccttc catccccttc cctctcccct tgccctctatc catgttccct cagcctcagg 480  
gtgcttgag gctaagagga ttgggnctct ggcctcctgg agctgaacag ctcngtgcag 540  
gaattcccca ggcccttgag nctctggggg gagttgnagg ggtgtgtagg gngctgggga 600  
ttaaganctg ctgagtaggg gcttaccaga ggtatactga aggacctgaa gacagatcat 660  
cttcacataa tcagcatgac cataatctgg gatggcactg agcttctttt antcnggagn 720  
caaggaatgn gcnaaganaa ngcaantaa tnccttttaa gcccgaggat nagggan 778

<210> 3708  
<211> 788  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



<222> (1)...(788)  
 <223> n = A,T,C or G

<400> 3708  
 tttnnaannnc cnnntttcaa atngcnaggc tactngttct ttttgcagga tcccatcgat 60  
 tcgagtgatt aagtctcact aggaataggc ttttctaaat tgntttatct catcctcatt 120  
 agaacttcac cacatgtggg aaatcatgtg gcaaaactgt ctctcttaaa aaaaaagtca 180  
 ccaaggaaac ctcttctctg aatttaagaa ataaaatccc agtgacattg atttggatgc 240  
 tccaaacatg tccataatgg aagagctttt ccagggtttg gtttggggccc ccagaccaa 300  
 agctttgaca cataatacaa gctctgtaag tctgttttcc tgtctgtaat ttgggattgt 360  
 catctttgta ggggtgcatg gagattaagt tattcactgt agacaatgcc ctttcatgt 420  
 aatagattct gtcagtatta gatctttttc tttctcttca agtttcaaac atagattagg 480  
 caaaatttta atggctatct caaaaaatca gcttgattct tgtttatgac atcaagtgtt 540  
 gtttttccag gttgtctgtt aaagggctac tttttttttt ctaaaagtgc ttttanaaat 600  
 tccagtgtta gtatgtatgc atcatttaag ctaagaatga agatntaaag atcacccaac 660  
 agtttaaagc tggattcttt tancagggtca aaggagaatt gngntttgnc tagctgnctt 720  
 anccgtgtcg gacttcttgg actcaagtga tcccacctgn ccttaanctc ccaaagtgcc 780  
 nggaggtt 788

<210> 3709  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3709  
 gnnncgcctt nagttccnca ngcgnactct ttgnacganc ttatgaacag atatggaggc 60  
 cagagctcat ttgggtaaac ttactcctgc tgagtttagca ttttgggtgag agaagctccc 120  
 ctgagctcac ctgtctctct gactgccttg gagtaggtgg cataaccttg tgcacagaga 180  
 actagaaaag gggcagaacc ccggccttgc agttgtggca ggtttccact gtggttaagct 240  
 aggttcattc ctcatcaagg aatgtgtagc agattgttca ctgtggagga gtttaattata 300  
 gaatgggtta ttgttggtat tcttactcat gaagttacag attttagcca gtctttgctt 360  
 ttatactttt gtgaaattta atttctctct atagcacctt cctttttcgt tttcagttat 420  
 caaaagtgc tttgacctca taaaagagtt gagaacatct ctctgtgcac atactgcagg 480  
 tgcacagtt acttttgac agattctagg gggacatttt tctgaatagg aagacaggac 540  
 aaagttaaca gcttaagggc tcttaattct gtgagttgag gacttaaaaa gtattgnagc 600  
 atttgggttg atccatgaaa aaatgtattc agtgggcttt taaaatttcc atttgcagaa 660  
 tttggnctct cangtgtttt ggggagctct tttttttacc attttttctc ctttgcacct 720  
 atttnatggn ggtaaagta aanggttnact 750

<210> 3710  
 <211> 895  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(895)  
 <223> n = A,T,C or G

<400> 3710  
 aanagcnnnt cnaatngcta ggttntcgct ctttttgccg atccctcgat tcgaattcgg 60  
 cacgagatta ttataagact aacattctga taagccatgg tataattaac attattaaaa 120

tggtttacata	taatccttct	gtatac	tcttttaaaa	atccattggc	accttac	180
tttttagttta	gtgatccaga	ccccag	agcttaagcc	actgcagtaa	aggtacc	240
gtaggatatt	cagtcgctac	tagccacaag	gagtcctcct	attttaatgt	acctccctca	300
gtacttttatt	cctgcagagc	gcctcagagt	gggggagaga	aatgagcaat	cctggctcan	360
ntggattatt	tcagcatttt	atcttctaaa	atctgtagt	tgatcccgaa	aatatttaaa	420
attaaaaaaa	atactttttac	cagaagagag	gcctaccta	tcaatgngct	ttagagaaac	480
naaactaccc	tttaccattc	aatttaacaa	ccnanaaaaa	ggtttaccgc	aaattttaac	540
aaaacatttt	ttctttatct	gaattntggg	gaggaaaata	cttaatgctg	acaccgttta	600
ataaatttag	gaaaaaggat	ccattcccag	gaatctttat	gggaaaaaat	tgggggtttt	660
naaatttcca	agccagggtt	ggctcttttg	aagaacatng	ggtaantcct	cnttaaattg	720
taaacttnct	taaaagggan	naggggtagg	aattnggaaa	aagggaatct	ttgggnattn	780
ttaccntta	aattaatggg	tcccaggaat	nggggtttca	agggattntt	ncanaaatta	840
aaaattnggg	tttttggtt	gggaaaaaaa	tggaaatacc	cttttttngg	ggggg	895

<210> 3711

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3711

naatngctag	gttnanacgc	tnggctctng	ttctttttgc	agggatccca	tcgattcggt	60
cgtgactcct	gtacaaggga	aaataggctt	ggagaagatt	ggtgtcaaaa	ttaatgagaa	120
gagtggaaaa	atacctgtaa	atgatgtgga	acagaccaat	gtgccatatg	tctatgctgt	180
tggtgatatt	ttggaggata	agccagagct	cactcctgtc	gccatacagt	caggcaagct	240
gctagctcag	agactttttg	gggcctcttt	agaaaagata	tatcatactt	tgttctggcc	300
tcttgaatgg	acagtagctg	gcagagagaa	caacacttgt	tacgcaaaga	taatctgcaa	360
taaattcgac	catgatcggg	tgataggatt	tcatattctt	nggaccaaac	gccgggtgang	420
ttacccaagg	atttgcagct	gcaatgaaat	gtgggctcac	aaaacagcta	cttgatgaca	480
ccattggaat	tcaccccaca	tgtggggagg	tgttcacgac	tttggaatc	acaaagtctg	540
caggactaga	catcactcag	aaaggctgct	gaggctagcc	tgctgctggt	taagttctnc	600
ttgncatatt	ctcattttct	tcaaagataa	gaatgctctc	ggatnaaatg	agcctgtgct	660
catgacanct	gctctggtac	ttanggacca	ntgcaaggct	tncttaccac	acttagatga	720
gaaagttnnc	aanggaaaaa	ggnccacaa	ngggcatttt	gcctt		765

<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3712

agnnctttct	tacgcctnnt	gaacttnttg	naantcctt	tttgcaggac	ccatcgattc	60
gaattcggca	cgaggaaagg	acccatgatg	taaggatgtc	ttttttgggg	ggtgcttggt	120
gctccttaac	tggctctgga	aagagcctac	ttcccatagt	gaaccctgtg	aggtccaatt	180
ctgttccctcc	ccttgagagct	ccaagagaag	gtcattgcct	tgtagcagca	ggtgcccccc	240
caagctgggt	tctcactgca	ggtgccagcg	ggctctcagt	aggtatgacc	tggtatgtgag	300
tggtgaacca	ggattgaggg	actcagcacc	ttcgaccaca	cttccactct	ccctgggggt	360
caagtcaggc	tatggaaaaa	tgtcacccctg	tttgnccat	aactggatgg	gtngtaaaaa	420

gaacgcctct	ggcaaaggtn	cttgaag	gcaaaactga	gttgagggtt	aggacgg	480
aaataattac	tgctgggcat	acacttc	ccaaccgttc	ttgtgangca	antgtta	540
ttgncagttt	ggcacaangg	cacangtgta	nnaacaacgt	aagtgccctg	gggcccgtgc	600
ttacaccacc	cactgnggtt	tgaacttana	atgtgaaccc	aaggcccttt	ttgaattccc	660
aaantccctc	aatcccttca	atcctaaaca	agcnttgcct	gccgggttan	ccaaaaaagg	720
gggacctccn	ggnaatntng	ctcttggcan	ntttntttaa	anctggatnt	attaatgggg	780
aaaaccanan	ntanaantnt	ttggtnt				807

<210> 3713  
 <211> 909  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(909)  
 <223> n = A,T,C or G

<400> 3713						
ttgcnaatcg	ctaggctctc	gttctttttg	caggatccct	cgattcgttt	tttactatgt	60
accataatgt	cccattcatg	agaacctagc	aagtagtttt	tctcattagc	gaatgctaga	120
attttatttt	ttttcacata	gtgaaaagg	gaaattgggtc	tgtcttcctc	tttactttag	180
ctgctagtaa	ggttgaaaca	acgatgggtgc	ccaaatttaa	cagttagggtg	acatcttctt	240
ctacgtgtgc	taagattacc	cagacttcac	tttaccctta	tttcccactg	actttgatcc	300
cttttacttg	nttttattct	gnaagtatgt	atttttgnca	tctttcagna	ctctttggna	360
tcnnaataaa	attaaattcc	cctagncttt	aaanangata	atngggtnnc	ttggnttaaa	420
nattaaaaat	naaaagtnat	ttngggcttt	natataataa	ttaagccant	aagnnatttt	480
tnnggcnaaan	tccttttctt	gccanaagg	ggcccagaac	gggnttaaat	attttttaag	540
ggtggtttnc	caagggccaa	ggtggaatcc	tcttggttg	gcaaacttaa	ccttcaagcc	600
ttcttgccg	gttccgttaa	antggangga	aaaaggccag	gccccttnng	gacccaatgg	660
gccatttaaa	ggcccaaaat	gggggggtng	ttggaacttg	gggggttttc	ccaanttaaa	720
aaaccttttt	aattttttnc	naaaaaancc	aatggggctt	accatttttg	acttttttng	780
tggttngtaa	ttttggcctt	acccccccaa	aaanaanaaa	anannnnnct	tcctatattn	840
actnnnanac	tttcantnan	caaaaaaaaa	cntggggcct	tttanaactt	tngnggggcc	900
tntncctan						909

<210> 3714  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 3714						
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atggcagaaa	atcagtgatg	tcattgagga	ctctgtagtt	gaagattata	attcagtgga	120
taaaactacc	acagtttctg	tgagccagca	gccagtctcg	gctccagtgc	ccatcgctgc	180
ccatgcttct	gttgctgggc	acctctctac	atccaccacc	gttagtagca	gcggggcaca	240
gaacagcgac	agtacaaaga	agactcttgt	cacactaatt	gccacaaca	atgctggcaa	300
tcctttggtc	cagcaagggtg	gacagccact	catcctgacc	cagaatccag	ccccaggctt	360
gggcacaatg	gttactcaac	cagtattgag	gcctgttcag	gtcatgcaga	atgccaatca	420
tgtgactagt	ttccctgtgg	cctcacaacc	aataattatc	actacgcagg	gatttcctgt	480
aaggaatgtc	cggcctgtac	aaaatgcaat	gaatcagggt	gggattgtgc	tgaacgtaca	540
gcaaggccaa	acggtttagc	caattacact	agttncagcc	ccangtaccc	agtttgtaa	600

acccgacagt	tgaggttnca	tggtct	tccagatgac	ccctgtgang	gcttca	660
caatgcctgt	ganggccacc	aacacc	ttnaccaccg	tcattccccg	nttacc	720
attcgnaagc	aaccgtccca	aagtcccc	ct			752

<210> 3715  
 <211> 960  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(960)  
 <223> n = A,T,C or G

<400> 3715						
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ggattgtatg	ctgtctgtag	aatgttgatt	ttcaggcacg	gggatgtagc	tgtagaatgt	180
ggcttgggtca	ttcttcctga	taagaaattg	atctcctgaa	tggtattggc	atttggtaat	240
ttcttagtga	aaggctgact	cttgaatatg	gctgggtataa	tataaattct	taccaacata	300
aaagtaagg	cttatttggg	gcttgggtaa	aactgtcatg	ccttgganga	tatatagctt	360
ataaaattgg	cttaaccntg	nattttatga	cctanctnnc	ccctgntgcc	aacntttnac	420
ttgccaaaaa	ncctgggatt	cntgtttnc	aagggngac	cttattattt	gtggaagaaa	480
aatttggatt	nnccaagggt	aacctatttt	tcaanggctt	cttggctttt	tgnaattttt	540
cttcaatttc	accatggccn	tcctttttat	tcctnttttt	tncccttcc	caaanggggt	600
tcnnggggaa	tttancctgg	tttccccgga	aagnaaanga	angggatttn	ttccaccant	660
taaggccanc	cccaaatttt	tttaccacc	ctttccaaaa	accccgagg	aagccttacc	720
ttacctgggn	gggtnaaaaa	ttanggggtt	taaccacccc	ccaanatttg	ggaaaaatcc	780
tttttggcca	aaaaagggtt	ccnggggttc	taatttcaaa	ccggaaacca	gngnacttnt	840
ttagccnaaa	aaaggaaaag	aatccgtttc	cccattattt	gggaaccgcc	ccccatttta	900
aaatttnccc	agnnggtttc	ctttaaatgg	gaacctttgc	caaaagggaa	atatttggcc	960

<210> 3716  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 3716						
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gcaaagcttg	atctattaat	atattgatca	gagttccatg	atccttttct	aaaatgggtg	120
ctttattttg	ccagaataat	tctgcagggt	gttttttttg	ggacggagtc	tcactctgtt	180
gccaggata	gaatgcagag	tggcacaatc	ttggctcact	gcagctcttg	cctcccagtt	240
tcaggagaat	tgtgtgaacc	tggaaggcgg	aggttgcatg	gagccgagat	caatcaccac	300
tgcacttcac	ctgagcaaca	gggcaagact	tcattctaaa	aaaatttttt	ttggatttat	360
atttactgan	aaggtctgtt	actaaagggt	ttaanatttg	gntgggtttt	accgctaaat	420
gtttgtanag	tctgaatctn	tggcctnggn	aaagaataat	tacangcntt	caccaagttg	480
tgaaaccttc	tggttngga	tgaaaagaaa	ctttcaagct	nagaggaana	atgttctgaa	540
atatttgggg	aagtttggca	gactcctttc	tcaaggggta	tgttcatttg	ggcngtgat	600
tctggaacct	cctttgcaga	tatcttaagt	gtgtcatgaa	agttttacca	gaacattgtg	660
agtanttgca	attaccaaag	ggaaccaatg	ttcatattac	tttccattat	ccggtctcaa	720
gnattcttnc	ngagatnctt	taccctgtgt	aaagtgaatc	ncttctct		769

<210> 3717  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 3717  
 naatcgctag gctactcggt ctttttgcag ggatccctcg attcgagag ctggggcatg 60  
 gcatgtctca ggaagccatg cttgtcacag aggaatcact ccgaggctaa aggaacatct 120  
 gggcaatcct acttgtgtac tcattggatt cattcagtga ccttggtatt atccttctag 180  
 ctaaatgctc tgggtcttaa ttcacgactc caaggttgct cttgatttta aggaacattt 240  
 tggcagaata gagagaagtt gagcaaatat taacagatgt ccaaaggggc agtgtgattt 300  
 attatgtcaa gagaatcagt tttatgtcga gggagaatt ttggtagaaa tcaactgtatt 360  
 ttttgaaaaa tatcatattt gggttttttc attgnataag taatacatgg atacatgctt 420  
 atataaagaa aaattcataa tatagaaaca taaggaggaa aaatgagtca tttttctccc 480  
 atagttcact cctttcccct ccctttcagt aaccagtgct acacgggtgt gtctttccag 540  
 acgttaaaag cagtcataca tatctctaaa gggaaagttt gcgtttgctt gntntttctt 600  
 cctgnattaa taggatttgg gtatatatat acncaccccg taatatattt tggatctgga 660  
 tatntaggag catatttctg ggggtgcgctt tttaaaattt tatggccaaa tcctacagct 720  
 tcttcatgtn acttgcttat tngatgtttc cncant 756

<210> 3718  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 3718  
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 cgaaagtgc ttagagagtg actcccagga cgaaagtgcaggaggagg agggagacgt 120  
 agaaaaggaa aagaagcgc aggaagcaga agcgcagagc gaggacgacg acgaggatac 180  
 agaagaggaa cagggggaag aaaaggaaaa gggagcgcag gagaaaagga gggggaagag 240  
 agtccgtttt gcagaagatg aagaaaaagag tgaaaattcc tcggaggacg gtgacataac 300  
 ggataagagt ctttgtggaa gtggtgaaaa gtacatccca cctcatgtga ggcaagctga 360  
 ggagacagtg gacttcaaga aaaagggaaga actanaaagg ctgaanaaac atgtaaaagg 420  
 tctacttaac aggttgagtg aaccacaacat ggcttccatc agtgggcagc tggaggaact 480  
 gtacatggcc cacagcagaa aggacatgaa tgacaccctg acctccgctc tcatgggtgc 540  
 ctgcgttcac tgcctcggcc atgcccaca gactgatgat ggagcatgtt ctcttagtca 600  
 gcacccctna ccacacagtt tggaatcgag gtcngtgccc actttcttgg aggcattggt 660  
 gaggaaggt cgatgccnnt cttttnaata ccggaagcca aagggaang anttgnaca 720  
 acctgttcac cgtcattggc cattttatc aacttcccgt ggtnct 766

<210> 3719  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(755)  
 <223> n = A,T,C or G

<400> 3719  
 ttncnaatcg ctaggctctc gttctttttg cagggatccc atcgattcga attcggcacg 60  
 aggacaaaac catctccaga gccttaatcg catctgtaaa gtccctttta ccatgtaaatt 120  
 taatattcat agtttctgaa gatcaggatc tggatttctt ttggggcaat tattcagcta 180  
 accacatatt ataatgagga agcacttctt gggaggcatc ataatgcttg ttttttcttt 240  
 tcctaaatag agtatcactt ttacccaaat ggaataactc gctgggttat tttactgagc 300  
 tcttgatgct catttctttg gtcttctctg tgatgaatta atgtttctat atggacatca 360  
 tgcacaatth ctttatttct gaagaatatt ttaaaatgnt gttattttat gttgtagttg 420  
 gtgtaatacg gtgcccagta tgcccgccaa gaatgcagac agatagacct tgtggataat 480  
 tattttgtga aagacacatc tgaagctcct agcagttctg atgaaaaatc agaacaggta 540  
 tgctttctcaa tttttcttta tatttctatc ttgatataca actgtaagta taagaaaaaac 600  
 atgtttggat agttaagtca ttttaagggtg ttctgctatg gattcctggg tcaaatagaa 660  
 agttaaatgat agctttctta tatactctca aacttagttt aatgagacta aagctattac 720  
 ttaaaatgtc aaaatttggg ccagcattgg gggct 755

<210> 3720  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 3720  
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 cacattcaca cttgcaggcg tgcaggtcgg tgggtgttaca cacattcaca ctggtgcagg 120  
 cgtgcaggtc cctgtggtgtt acacacatgc tgttgcaggc gtgcaggtcg gtggtgttac 180  
 attcacactg ttgcagggtg gcagggttggg gttacacaca ttcacactgt tgcaggcttg 240  
 caggtcgggtg gtgttacaca cattcacact tgcaggcgtg caggtcagtg gtgttacaca 300  
 cattcatgct gttgcaggca tgcaggtcgg tagtgttaca cattcatgct gttgcaggcg 360  
 tgcaggtcgg tgggtgttgca cattcatgct gttgcaggca tgcaggtcgg tgggtgttaca 420  
 ttcacgctgt tgcaggagta caggtcagtg gtgttacaca cattcatgct gntgtgcagc 480  
 tatcacttcc atcttcagag ccttttcatc ttaaaactga agctctccat cacacaagtg 540  
 acccttcatg tnccttccca gtccctgaaa aacactgttc aagggtttttc ttcctgggac 600  
 ctcatgtgt ggagtttctc gtgtganttg cagtnacaca cgattggcct tttttttttc 660  
 gttgttgaga caaatcttat tctgccttca atctggggtg tcanaatgag accccatntn 720  
 aaaaaaaaaa aaaaaaaaaa aacttgagcc ttt 753

<210> 3721  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 3721  
 ttccaaatcg cnaggctact cgttcttttt gcagggatcc catcgattcg aattcggcac 60  
 gaggcaggtc ccctcccaca tctaataccac cactaaggcc tgcttcttaa tagctcttgt 120  
 tcggctttgg ttgagacagg gttttgctct gccgcctagg ctggagtga gtggcgtagt 180

cactgcagcc	tccaactcct	tcaagc	agtcctcctg	ccttggcctt	agtgct	240
gggattacag	gcgtgagcca	gcctag	cctgaatagc	tcttaaactc	actttt	300
cttcctctgc	acacctgaca	ccctagtcct	gtgcctctct	tctccacctg	gacaacctcg	360
cccaccccc	agttggtttc	ccctcatcta	ctcttgcttc	ctttcagtct	atcttctgtc	420
ctgagggtcag	aataatttgt	taaaaatata	aatggggtca	agaatgagtt	ggggatggag	480
ctganctaga	gatgggttg	gttgggttg	ggacttgat	aangcatgga	attggggttc	540
aactgatgta	aaagntaaga	ataggattgg	gatgatgatg	aaggttgaa	tggggatggc	600
ttgggggttg	ggggatgggc	aanggcttgc	ctactnacca	naatttgccc	tggttgacac	660
aagttttaac	ccacacccaa	cctnecntaa	nggctggggg	aacnttnaag	ccantccgaa	720
tagcttaang	ggccctgttg	ggcntttctt	gaanggggta	ccagtttttt	ttcct	775

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3722

cnngnnctng	ttctttttgc	aggatccctc	gattcgtttt	tttttagaac	gtggctctgt	60
ctctatcctc	tggacactgc	agcgtagcag	taacaacagg	tcttgcaggc	taaataactt	120
ataaacaaaa	tttccttcct	gaggagctag	gtattccgat	gtatcttcaa	catagtcctg	180
aagttcatat	ggcaatcgtc	cttttggtt	ctgaaatgca	gaaggccatc	cagatttcgg	240
ccaactagag	gagtctgaag	gaccagacaa	ttgctcagaa	acagaaggct	gtttagaatt	300
ttctaaattc	attaagggca	attctggtac	ttttctggaa	attggcttta	agagctcatc	360
ctgcattttt	aaaatctctc	caactggatc	aaatttttta	tatactcggt	tgataggttt	420
ttttaaaaca	catgactctt	caggactaca	agcagtatta	gtctggtttc	ctacagaagc	480
ctgtcctgag	gaagaatttg	gactagctgg	tctggaactt	aagttagaac	ccacaacagc	540
tgtctttcca	tcactattat	ttttacattc	tgnatcaatg	attaaacact	cctcatctgt	600
atcactgctg	cagagaactg	tatcttcagt	ttttgctgct	tctgatccaa	cagtcctttc	660
ctttgagttg	gctanggttt	ctagaacatt	aggncctttc	ccatcagcat	gtaatatatc	720
tatagncata	tcatttttatt	agaagttcaa	tttcttgaaa	t		761

<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

ttgcaaannc	cctgttttna	atnncnaggc	tactcgttct	ttttgcaggg	atcccatcga	60
ttcgtctaaa	ttcatggntt	atatttatat	atgtccttaa	tcctcaactca	cattggccct	120
acaggtagat	tcattgctca	ctgtcagttc	tcttgctgaa	gttttctctat	ttttctcttg	180
atttgctgaa	attccttctc	cagtagttta	atcaaaaagg	actaaatgaa	aaaaaaaaata	240
ttcagttggt	gcaagttcaa	aaaggttttt	agtctttgtg	tttgattgac	agctttccag	300
catataaaat	tcttaggcca	cactttcttt	ccttgagaac	ttcacagatg	tcacttctgg	360
ctctagagtt	aaatgccctt	gtgggaaaaa	cttgagctaa	cttctatttt	ggtagccctt	420
atgaattgat	gntttcactt	gactgnccaa	agtctttttt	atttaactgg	ttcccccttt	480
cttttatatt	ttaagtctag	ttacttttca	tagaaaattac	ccttggtatt	gacagatttt	540
tgncattttt	ccccaagac	atggtgtgcc	ctttcagttc	gtagatttat	cttctttttac	600

ttcaagaaaa	ttttcttggg	atatctt	taaatattta	tgttccccta	agtttt	660
ctattctggg	gatatatgat	cccttg	nagancctnc	aaatctgnaa	ctctgna	720
atctctttac	accggtcatt	tcaatttct	ttgctcactt	tcctcatctt	ggtctcaggg	780

<210> 3724  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 3724						
gtgnntnnnn	nntttnnncn	aaggaactct	ttgcnanttn	ccctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	cctagttaaa	tcacaacaag	ttagtaatnn	ataaatgatg	120
tgctctgttt	ctcttttagta	gaaattatat	ttttggctac	cagttaagaa	acttgctctcc	180
tttgtccctt	atgttactat	aaactcaaga	tgatgagttt	tggtgtattt	gacttcatag	240
gcaaaatcaa	aatttttact	ttgttgctat	tctgttttat	gaaataaaact	tctgtctatg	300
catttgaact	aagtttcagc	aaattcaatc	taaattgaat	aattccagct	cccagtttta	360
tcctatgttg	ctcataaaaac	agttccaagt	atactgcatt	atcttgagat	ttgaagatat	420
ggtgcccacg	gggattatac	taggcaaagt	cgtaagcag	ctctggccta	ggtgttgtgt	480
attttaagag	actctatctt	aggagagctt	aagtgtattg	gctgcaggaa	gaagacattg	540
taaccagga	attaaaaatg	gattcagatt	gcctgatttt	aacactttag	tttcaccata	600
ggctaattat	gtgacattgg	gcaagagaca	taattcttct	gtccttagtt	ctacatttgg	660
aaaatagaga	tgatttggga	acttattaat	aagatttttg	tgagagataa	ataaacaat	720
ncttttgnaa	aaaaaaaaaa	aaaaactcga	gccttagaac	tntgnggg		768

<210> 3725  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 3725						
gtncnatnng	tgntantnng	cgnccttgcc	taaananata	ggntngggcg	tgattctgga	60
acagagtgca	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	caattacatc	120
atgtgctcta	ctatattttc	ctgtgtattc	aaaagtatct	ttttgaaaat	ggaagggtag	180
atgacatttt	ctccgatctt	tattatgttc	ggttcacgga	gtggctacat	gaagttctga	240
aggatgttca	gccccgggtc	actccacttg	gctatgtctt	gcccagccac	gtgactgagg	300
agatgctatg	ggagtgcag	cagcttgggg	ctcactcccc	ctccaccttg	ctgaccaccc	360
tcattgttct	taataccaag	taagtgttct	agaggctcca	ctgctggcat	ctgtccagtg	420
aagagtgtgg	aagctatcca	agaggccttc	tgaattcctc	tgacatatat	ttgagaaagg	480
gcttggactg	tgaaaagaaa	tgtggccctt	ttccatcttc	aagagagatg	gaattaatga	540
tggatggacc	ctggagggaa	tctccccagc	ccgactttca	ctgggtgac	agactttgct	600
gaccacaggg	gaacnatggt	cntttctttt	cttcatgatc	agacntaaac	ctagcntcnt	660
taatggaaga	aaaatgaagg	gggaacttca	attatgantt	attcaacgac	caantttnta	720
ttacnccctt	ccttttatga	ccaagntgac	catttnnnat	gttanngtta	aaaaaccttt	780
cccttgccct	tnt					793

<210> 3726  
 <211> 760



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(760)  
<223> n = A,T,C or G

<400> 3726  
gnnnnntnnnn nnnnnnnnnnt tttannata cagctcttgt tctttttgca ggatcccatc 60  
gattcgctga caagtctgaa atacatattg gagcctggta gactgaaaac tcaagcaaga 120  
gttgatgtta aagtcttcag tctgaaattt gtagggcagg agattaggct ggaaactcag 180  
gcagaatttc tgtgttaca tcttgaggca taattcttct ccaaaaaaat ctccattttt 240  
ttctcttaaa gccttggatg agccttggat gattggatga ggactacca cattatctag 300  
ggtaatctcc tttgcttaaa gtaaaactcac tgtgttaatc acatcaacaa aataccttca 360  
cagctacatg tagtgtttga ccaacaact aggcaccata gcctagccac ataaaattac 420  
tatcattata ctttttctta tcacatactt ctaccttggga agggatattt cccagttggt 480  
atagctacaa aacagaggca gatcatttag cctgcatttg atttgtagtg aaaaataagc 540  
ctttgggtgtg ttaaacact gaaatgttgc ggtttattag tatagcaca cttatcctat 600  
actggccaac atagatgctt tcggttgcaa gtaacagatc cccttacagt ttacaaaaaa 660  
aaaaaaaaaa actcgagcct tagactatag nagtcgattc gtagatccag acatgataga 720  
tcatgatgag tttggacaac cacacttgat gcagtgaaaa 760

<210> 3727  
<211> 780  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(780)  
<223> n = A,T,C or G

<400> 3727  
aaacgcttgg nnnnnnnnnn ncctttttng gatacagntt ctangacaan agctacttgt 60  
tctttttgca ggatcccatc gattcgaatt cggcacgaga cttttttaac gaatggggga 120  
agggatctat gagaaaagggt gtatctaatt tttttatgga ccataaagggt ttaaaagaaa 180  
ataggggcac aggctgttga ggtttttatg ttgttataga cttttttaaa ttatgttaga 240  
gatgtntata ggnattttaa ggtcactggg agcgtttctg attcccggcc aacttttgca 300  
tttcaacact cagcccgga agatgctcgt tcggtgttgg gacctcttct actccctgcg 360  
tgtaagaagg tgaatcacgt gggaaaaagt gatccttagc aacgtgccag gacacttctt 420  
gtgtgcctgc agttgtcang gaccatttgg gatcccgat ctcattctct aaaactgctt 480  
tcttgaaaca tgttacttcc ttagtataat caatgtatac tcccttactg gctgaaacg 540  
ttgtatagct acttattcag atactgaaga ccaacggact gaanaaaaaga acaaacatta 600  
gctattttat gctgcaagaa ccaggacaca caattcgcca atcatccac catataacct 660  
tcgattggng cttctcaact ccaccccata atttcttcca gagaccatct atcanctttt 720  
cccaaagaa gaaacaaaac cngttgcacc ttaaaccatg gatatttttt cctcangggc 780

<210> 3728  
<211> 774  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(774)  
<223> n = A,T,C or G

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<400> 3728
tnggcnnnnn gnnngnnnnt nntatac agtacngaag ctctttgnaa nctttt 60
tgcaggatcc catcgattcg aattcggcac gagatatgct gagtcctgg cctccagtac 120
nttagaatgt gactgtattt ggagatggag atacagcctt caaagagggtg agtaagttaa 180
actgagggttg ttaagatggg cccgcaacca atctcaccgg catccttaga agaaaaggag 240
ttggagacac agagagagag gctagacaca ggcacacgtg aagggacggt caggggaagc 300
ggcagcgaga ggggtgctgtc tacagccaca gagaggcccc tgaggagacc aacgctgccg 360
gcacatgat actggactga cttaccgnet ccagaactgt cgaaaagaca tttctgttgn 420
ttaacaaaat agcagtctgt agtacttctg tctggcagcc caagcagact aatgtatagg 480
gcattagatt gggcgtaagt aaaatataaa ggaacttaag tattgaatag tgcagggtgt 540
gtgaggagggtg atacattgng ttntgntatt ggtcatacag agctagctgn tacctgaggc 600
ttcacaatgt aggncttact ctaatgctgc tgcttaaaaa accccaggcc gggcatgggg 660
tggctcacgc ctgtaatccc agcacttttag gaagccgang cgggcggatc acgaggtcan 720
ganggcnaga tcaacctggc caacatggng aaacctgtc tntactnaaa anac 774

```

<210> 3729

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

```

<400> 3729
taatgcttgg nnnnnnnnnn gnnnttnaaa cnnagtttca aatcgctnng ctatcgctt 60
tctgcagatc ccatcgattc gcgaggccag ttccaggccc actttttgcc ctgtgagccc 120
cctgcattnc tggntntncc ttttncaggc tgctnctcng tggagcttct ctatttnacn 180
tctactactg tatccatgnc tntagnnggn cctntcagtg atgtngctta tntcccaat 240
gacactgatg ggagctnctt aagaacangc tgtntacgga caaggatgtg aagtggtaga 300
agggaaaaagt angccgntta ggacctgtgg gtgtgtcatg actgtgcttg tatctcttgn 360
tagctttgtg gccttaggtt caatgctgac cctttctgag gctcaagttt ccttatcttt 420
aaaataggta ttaaagggaag taatccgggtc catacctgag cctgggtatg cctcctccc 480
ggacgttcct gttttctgat cgtcttcagc acagacatga gtaaagtga aatgaccagt 540
cctgtgactt actgagggca aggtgttcca attcagattg tatactgata attacacagg 600
gaaataagag aaganacaag ttanaagcct gnagattata gatgtttttg aagaatacat 660
tnttttgcac taataaatgt gaccagtttt taaaaagttt tcagtattag aggaaatagc 720
cacccccata ctacttctac tactgcaatt actattttagc aatttttatt ntttcttn 779

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<210> 3730

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

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<400> 3730
gnnttttnnat nccccncttg caaanctnng gctacttggt ctttttgcag gaccatcga 60
ttcgaattcg gcacgagccg gacagagagc gcaggagccg cggtaacccg gcttcgtgct 120
ggggctggat gtgnggcagt tctgtgatcc gctgccacgt ctatgaccgg gcggcgcnng 180
gtctgogggt tccagcgtgc anaaggtaga aaatctttat cctcaaattg gctgggtaga 240
aattgatcct gatgttcttt ggattcaatt tggtgccgta ataaaagaag cagtcaaagc 300
tgcagggaata cagatgaatc aaattgttgg tcttggcatt tcaacacaga gagcaacttt 360

```

tattacgtgg	aacaagaaaa	aatca	ttttcacaac	tttataagtt	agactt	420
aagagctggt	gaacttgtaa	ttggaa	taattctctt	cttatgaagt	agacaggg	480
tttcatcatg	ttgggtcaggt	tggtcttgaa	ctcctagcct	cacgtgatcc	gccacctcag	540
cctccaaaat	gctgggtatta	caggttcag	catccaggag	catatgcaag	atactgaaca	600
gttccgcact	acaaagatct	cttgngttgg	tcttctgtaa	ctatatctac	cactctncta	660
tacacctcct	accctctctc	attcctagct	cctggcaacc	actaatctgt	cctccattta	720
aaaaatgttc	taatttgaaa	aatgtatatt	catagga			757

<210> 3731

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

ggnnnnttnna	ttccccccct	ttgcaaaten	ataggctact	ngttcttttt	gcaggaatcc	60
catcgattcg	tgtacatggt	ccagtgggat	gggaagcagc	agagaccaac	agagtctgaa	120
gaagcaagct	tctgagttat	gaaagcctgg	gttcaggaga	ctaacctata	tgtaggttcc	180
taggaaagtc	cagttaaagg	gcctactttg	ccactgctgc	ctccttctta	atgctgaacc	240
tcctctccca	caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	300
ggctaactgc	ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gctcactgat	360
ccctatataa	tcagactcta	atccctgtaa	aaagattact	tggtgctagc	caagctagca	420
cctttgggtc	ttcccaaaca	tacaccacta	atccagactc	taataacttc	atttccttta	480
aattacaaga	tcagagctga	aataggcctt	agaaagctag	tctgggctgg	gcgcaatggc	540
tcaagggagg	cggaggttgc	agtgaagcaa	agactgcgcc	actgcactcc	agcctgggca	600
acagagcang	acttcatctt	gcaaaaaaat	aaattanatn	aattaaaaat	ntgaacctat	660
atgggattta	acctcttctt	ctcaattaaa	agttatttta	aaaaaaatgg	caaaaaaana	720
nnanngnmaa	naaaaaaaaa	cttcngaccc	ttttnaaact	nttangnggg	gtccnnattt	780
accggtagaa	tcnagnnn					798

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

ggnnnnttnna	annccntnnt	tgcaaategc	naggctactc	gttctttntg	caggatccca	60
tcgattcgaa	ttcggcacga	gnaatcaata	tttttcaata	gaagtattag	agggtttttt	120
tattgatata	aaaataacaa	ttacagatcc	tgatatatag	aagttattca	aaattatata	180
gttttcaaaa	aatcaagaca	agtaggccca	atacaaaacta	ctgaatcatc	ttctaatttc	240
cctctaaaaat	atattatagaa	atatgtaagt	agaaaaacat	tcctcctttc	ctcgtctaata	300
tatgatcctg	ccatattcca	ggcacaagag	aaagctctgg	ggcttgagtc	ttaatagggc	360
tgatagtcca	accaggggac	agggtatcat	aaagagataa	ttcaaaaactt	taagattgga	420
gggtaggtga	tggtagaaaa	ttctgcggca	aacatttggt	gatgctcatc	atttggtgat	480
gtcatcaaag	atcaccaggg	cataattata	atcaaaaatta	gttttattga	tgcttgctgc	540
agcaagagag	actgcacacc	actgggggtct	atgggtgctt	ctcagtggga	agggtgtaagg	600
aggggcttgc	taagaatttg	agcacatgta	gctaatttta	aggagggctc	aagtgaagcca	660
agggtttctt	ctggattgag	tgctgtccag	aaagtggatt	gagtgtctga	gaaagtggga	720

<210> 3733  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 3733  
 aaatcnnacg ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagggg 60  
 aaactgctaa attaaaatac tacattttac ggaaactgtg gagctgcctc cttgatagaa 120  
 tgttaggtct gtttttggtg tcttctgcct atgtctcttg actttagtct tcttttggtt 180  
 caaatcactc tgccctcgta tatacttttg ttagactact tttggtgaag cactctccaa 240  
 tagaagaaca taatgtgggt tcaattgtgt agggatcgcc caagcgttgt ctagcatttc 300  
 tgctcccagc cagaagccat tttatccagc cagagttgtc cttcacagtt ctagcatagt 360  
 ctaaactcat tttctcattg ttcattttct ttctctccca cccactctgt cttccctggc 420  
 aattcaagtt aaattccatc tctcttcttt gagttgctcc cctgaagtaa gatttctggt 480  
 tcttctggca ttttacctct aaatttatca ataacatgtt tattctgctg ttcttaattg 540  
 cgtgtgtgtg tgtgtgtgtg tgtgtgtgtg agtgatttta atcttctctt gaatttagaa 600  
 gatgagaatt tagtctttct cctttcccca ttctacatt actcctaaat tgaatcttta 660  
 atataaaatc atttatttta gtttccagtg tcatcataat tttacctttt ttctactcag 720  
 gactataatt cccagca 737

<210> 3734  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3734  
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 tnaatnntng tttganatca tgccngatn ngacntcaag cnatnaagga actgcctnaa 120  
 tttgccactg gagaaaatct tcctcgagtg gcagatntac taacncagct tttgcnnacn 180  
 ggtaagggat attatnnmta ccttttnctc taaatatnta tcntctttct naaatgttga 240  
 ctctggattt aggttnnaaa tgggggtgag ganagctgga ggnccctnct ctgatngaga 300  
 ntaaattccc tactntcatt cagacgntaa agngaaatga ttntctggtt tctaatnctt 360  
 ggnngntggtt tggatntaat accctcntga agngnaatg actanattct tntgggcatn 420  
 tnagatgtnt nntaatntt cncctnatnn nctgnagtat cataatcgna gcattctaat 480  
 gaaagttttc aggcattgca gatcnggatc tcaancttac aangaacacg tatctntgtg 540  
 ggcttgaggg aatggcttag ntgataagca tcctgtcaat gtaacctnga taaactnagt 600  
 agnntnacgt tgnnaaactg angcanntga tattcaaatn agnaacntat tcattgtgcc 660  
 nctntttctt tactccanat gactcttgca naattgaacc nagtggacaa cgccctatta 720  
 aggggtgtccc ananggatgc caa 743

<210> 3735  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3735  
 ananctacan gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggc 60  
 tcagtgttgt aattccctat tctagcactc tcaaaagtac cccatctgtt acacatgcag 120  
 aaactgcagc agcatctgaa atgtccactt cttgattcat tctgaactcc ctttaagccca 180  
 gtgtttgtta gttctcggtc aagtctagga actctgccga gtaacaggta tctcaatttt 240  
 gccatccttt ctttctgcac agacaggagt gttcttaaat cttctcctgt aaagcaagtc 300  
 atctctgatt tccctgagga tcattgctcc cgtatactgt tgttggggtg agccttctgg 360  
 tagaggggaa gagaatttgg tactaggggt gatagtcaag ttactaaggt tctttatcaa 420  
 catctcagag cagaagtttt gagaggcccc tgaatcgctc tgggaatttt cttcagtgag 480  
 catttttgaa gactgggacc aggggttgat taaacttttg tgatgggtcc atttgtgtctc 540  
 aacacaacac tgagcttctc ctggatcttt gaaaccagc agaaactgtt gctggactct 600  
 caaattgcca caaggtagac cagaaagagc ctgaaaacc gaactccaac catctttttc 660  
 tttccttttt aatgcagaca tgggtgttgc atgttgagc gagcccgaga tcgcaccact 720  
 aactccacc tggcgacaga gcg 743

<210> 3736  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3736  
 aaatcgctng gctactcggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt 60  
 aagcaatgtg ggaaagcctt cagatctgcc tcaatccttc aaatgcagtc tgggactcac 120  
 cctgaagaga agccctacga gtgtaagcaa tgtgggaaag ccttcagatc tgccccacac 180  
 cttcgaatcc atggtagaac tcacactgga gagaaaccct atgagtgtaa ggaatgtggg 240  
 aaagccttca gatctgcca gaaccttcga attcatgaaa ggacacaaac acacgtaaga 300  
 atgcactctg tagaaagacc ttataaatgt aagatatgtg ggaaaggctt ttattctgcc 360  
 aagtcatttc aaatacatga aaaatcttac actggagaga aaccctatga gtgtaagcaa 420  
 tgtgggaaag cttttatttc ttctacttct ttctcgataac atgaaaggac tcacactgga 480  
 gagaaaccct atgagtgtaa gcaatgtgga aaaaccttca gatctacctc acaccttcca 540  
 aaacatggta ggactcacac tggatagaaa ccaaagcagg tgaatcacct gaggtcagga 600  
 gttcaagact ggctgatca atatgatgaa acccctgtct cttctaaaac taaaaaatt 660  
 tggccaggcg tgggtggcctg gcttctgnaa tcctagctag ttgggaaggc tggcacagga 720  
 gaatcgcttg gatcttgggg ggcanagg 748

<210> 3737  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 3737  
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aattcggcac	gagggtttttt	gaacttg	ataaatttac	cttaaaattt	aaagta	120
tactgaataa	ctaagtcaac	gaaaaaa	aaaagtgtta	tctaagacaa	gacaaagc	180
catcaccaaa	gccccatgatc	cggcagacga	ctacaagcat	agggtcagat	ccatctataa	240
atgagagcct	gacatacttc	atctatagca	aacatgggag	acaaatcagt	ggtaaaatga	300
tacagtgttt	gggaagtgtt	atttgaaaga	tgggcttatt	taatgtatac	agatgaactc	360
aattcctctg	taatagaaac	ttgttctcca	gagagattat	agatctaaat	gcaatgaaga	420
aaataccact	ataaattttag	tactctttat	tgtattatc	cccaatgggt	atttttactt	480
tctcacttct	tagatgattt	tccaagtttg	tctagtatct	gagttaaaac	aaaattttta	540
acttttcttat	aaaacatagc	gtgcccccat	tttagttcat	tttctacata	gaaataaata	600
aaacacttag	ataacagttc	agaaatagtt	aattaaatat	atcccagatt	ccccacgatc	660
tggaaaaatt	atatcttcaa	aatacttctg	tctgggtgat	atgtgtcttc	taaaaaaaaa	720
aannnnnnna	aaaaaaaaaa	cttcggncct	ntagaacttt	aggngtc		768

<210> 3738

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3738

gnnnnnnnnn	tttnnnnntt	tgaanccctt	tgtctngnt	ctttttgcag	gatcccatcg	60
attcgtgacg	agcgactgta	gacgttgcca	gcatgtattg	atcaggagca	gcctgtgagt	120
caagactgac	aacagatcaa	taaattggctt	ttaaaaagca	aaacccctca	agctgtttat	180
ctaggaagcc	tgacaaaccc	tgcccgcagt	gggtgtggccc	catgtgtccc	cagggcctgg	240
ggcccacctc	tgccccagaa	gtcctcttag	tgtctgtaga	caggtcccat	ttccaccagg	300
tcaaccaggg	ctgtggcagt	ggacctggat	ggcaggcaga	gcagaggacc	gctgttctat	360
ttgttgaagc	aacgaggcac	agtgactggt	ctagcacagc	tggctgtgag	aaatggcgat	420
gatggatcca	ctttagatcc	gaagtcttag	caaactcagg	cctcttttcc	acagagaatg	480
ttgtgaagac	ctgggaatga	gctgttgatg	tgcattttta	ggatgacagc	ataatggaga	540
aaattggaag	tagcatatgc	caaagtatga	agtgttcaca	cagctccctt	gggttggtga	600
tttatgggaa	gcttttttct	cctttatact	tttatctact	ttctaaatct	gtcaatatgc	660
ttngtcttc	tatgaacaag	aaagaaaagt	ttaaaaaaaa	annnnnnnnn	nnnnnnnnnn	720
naaaaaaact	ngagccttta	aactntnggg	gncgnttacc	taaatccann		770

<210> 3739

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3739

ggnnnnnnnn	nnttngggca	nanggaaacc	cntangcaan	cnactganag	aacccttggg	60
aaggacccca	ncgaancgaa	ngcggcacga	gacanacagn	nnannantta	cacaccgggg	120
ntggngang	aataangagg	annnaangag	ccnctnccg	aggngcccn	aagnncgcag	180
aagacaaaga	nccnggnmcc	aggccangaa	aggactgaag	naaananngn	aaanaagnac	240
agcngaccct	ngaacaacan	ggaggnnagg	ggnncagnng	aaaancngca	tгнаagnnga	300
ccngngcagn	ccaaaccnga	gngnaacngc	ngaatnaaag	gggcnnccnn	cngcncanag	360
anagnaccca	natnniacaaa	catgctagag	aaaagcaacn	ggggnaaaac	nngccccac	420
tagagaaang	gacaggaggg	annaagncac	nnggaaagan	aganagcaga	actaagcnng	480

gnaaaagccc	angaaaggnn	macnana	aagnagccaa	aacnacncna	agcann	540
nnaaggcaga	aaacnggggc	agnaacn	aacncngggg	gccaccnaaa	ancanaa	600
cagggnaaga	ancacannnn	nnacancang	caaaccancc	nnacagaggg	agcnnaccnn	660
gggaagagcn	nnnaaanggn	acaggncann	nnagaagagn	aanaccnnca	ggcaaaangg	720
gacccaaggg	acanagaaan	acaaannnng	nnnnncacac	acngaaaaaa	anngaagcaa	780
aac						783

<210> 3740  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 3740						
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tttggggagg	gacccatgtc	catggcttcg	ttgagggcca	tccatatgcc	agctgggggg	120
cagcccacag	tggccatatt	ggctgcagca	ggaatgggtc	ccacctcggc	gaattgaagg	180
gctaagagtc	ccagatagct	aggccagagc	tggaagcaga	cagtaagggg	aagagctgct	240
cccacaggag	agggagagat	tccagctcac	tgcgcagcct	gggaggaggc	gtggatcctg	300
gcacgctgag	cctcaggcac	cagcctccct	gtgctcgaca	gcaaagtctt	gactccttcc	360
tgctgagcac	tgtgctacct	tcaactgctc	aaagccagac	taacagctct	ccaagccctt	420
ggggtgactc	ggcttccagg	agctggttga	gaaatgagga	tgtctgtccc	tgtctgcctg	480
ggcaggccag	attcctcccc	agcagccggg	tctctccaga	ccctgattec	gtgcctttct	540
gtttaccagc	tacttcaatc	ccaaagtgtg	aatctgcaga	taccttactc	ccagccactt	600
tgcctttctt	ctgtgttggt	tggttttctc	ggtgcttcaa	gancgtgtgc	anggcaaagt	660
gcccgtcact	gggaactgca	ccagatgctc	agacttggtt	gncttatggt	taccaataaa	720
taaaagtaga	ctttttctaa	aaaaaaaaaa	aaaaaa			756

<210> 3741  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

<400> 3741						
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tctctacaac	tgacagagta	aatagacaaa	aaatgtatgg	gggatatgga	atattttatc	120
aacacaagta	aaaagcttga	tctaacaggt	gggtggggcca	ttctancnac	cannngaccn	180
gnatntaaan	cnnatnangn	tncatccana	ttcattgttg	cntntnnnt	antgatntct	240
gtntnanttn	tcanntntac	antnnancnn	tnntnnnacn	naacagncac	tannaggtcn	300
annagctnn	aattnannc	tntnannccn	tnnctntcnn	nattntnnnt	nnntntnncn	360
anactnttnc	antatnatan	ngnatcntnt	actntntntn	nnnnantanc	nnnnnanngn	420
ntntntnta	ctanngncc	tanttnannn	atcnnntnt	ntacatctnt	nctactnatn	480
atnnncannt	natatatnt	nntnnnatna	aaggantnt	ntncnnantn	cntnnnnana	540
natnctnatn	nnccntannn	nntnannttn	nnnaananna	tnnnancnnt	tannnnnnnn	600
nnnnannntt	annnnnnnt	nnntnttnnn	ntnnntnnnn	nnnnnnnaan	nggnanannn	660
nnntnnnnca	attntnnnn	annnnnnnnn	ttannnnnnn	antannnnat	nntnnnnnna	720
ntnannaant	ttnannttna	n				741

<210> 3742  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 3742  
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 acggaaaact gagggccaca taagctcgat tggttgtacc tccaacagat atttattaag 120  
 cacctactaa atactgagcc cattgcaagc accaggggaag cctctgtgaa cagcacaagg 180  
 tcctgtctct ggagattctg cttcagtggt ggagacagaa aataaacagt ttcccgtcac 240  
 caattttcct tgggaattgga cagatggcag ccaccataat gatactatat gtgtccaagc 300  
 taaacaaaat cattcacttc cctgattttg ataagaaaat tcctgtaaag ctgtttcctc 360  
 tgcctctcct ctacgttgga aaccacataa gtggattatc aagcacaagt aaattaagcc 420  
 taccgatgtt caccgtgctc aggaaattca ccattccact taccttactt ctggaaacca 480  
 tcatacttgg gaagcagtat tcaactcaaca tcatcctcag tgnctttgcc attattctcg 540  
 gggctttcat agcagctggg tctgaccttg cttttaactt agaangctat atttttggat 600  
 tcctgaatga tatcttcaca gcagcaaag gagttttatac caaacagaaa atggccccc 660  
 ggactaggga aatacgggta cttttctaca atgntctgct catgaatat caactcttat 720  
 tantagnct tcaactggaga actgc 745

<210> 3743  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 3743  
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 ctacatttta catatacagt catctctcag catcccgagg aagattgggt ccaggatggg 120  
 ctcaaggctc tgatataaaa ttgcgtagta tttgtatata acctatgtac atcttctcgt 180  
 attctttaat ctctagatta cttataatac ctgatactat gtagatgcta tgtaaataat 240  
 tgttatactg tattattttc aaattgtttt attgctattt ttattgcttt tccttgaaat 300  
 atttttaatc cacagtaggc ggatgcagaa cctctttata cggagggtcg actgtgtagg 360  
 agtgagctag tttcagttaa agcagcgggtg gttgggtactc atctctcacc tgccccacg 420  
 tagtgtagct agggcatcag ggagtactga tctctggcat catctgggat caacaggatt 480  
 ttctgcctc acaggcctgt gagcacatta gaaatacacc tgctcagctc aagtcaaagt 540  
 gagaagcttt tgaatggagt gataaccgag taggcagtat ctaaataaag atgattgggt 600  
 caagtctcag tggacaaatg tgtaccgttc tattactgnt gactgtgact ttgaagtata 660  
 tggngttcat taagcaaatc caatctgatc gtatgaaaag agcaccccaa aaaccaaatt 720  
 gaaaccattt atcaggactt ttgnagctat gaaa 754

<210> 3744  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (1)...(752)

<223> n = A,T,C or G

<400> 3744

tnagatcagc	tcttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagctttc	60
tctggcagtg	attcctgaag	ggaaaatcat	gaacaacacc	tactaccagg	aatgcctctt	120
ctacctgcac	aactatagca	ccaacctggc	catcatcagc	ttctacgtga	ggcacagctg	180
cctgcgggaa	gctcttctgc	accttctcaa	caaggtggga	catggacaca	gctcaaaaag	240
gcagtgcctg	ccttactcct	ctggcttgga	ccactcagcc	ttaagcggga	caataacccc	300
ctgacactta	accctgtgtt	gagctatggg	gccatctcta	gcagagtcaa	gtcaaaaacag	360
gggactctgc	acaactgtta	ttcagtga	gtgaaaagtc	ttagcctaga	tcccaaatca	420
ctgccctcac	cagcaaaggc	atgtttcatt	ccttctgccca	aaacatgcag	cagaatcgga	480
tagtggttaa	gagcatgtct	ctggaatgag	atgctcagtg	tgagtcttgt	gtggccttgg	540
gcatattgct	tagagtctgc	ttccacgcgc	ctccctacct	ggcctgggat	ggtgtccagc	600
ttctgaccca	nctgctggtc	cattcagagt	tggtactaca	agggccagga	agtaaccatg	660
gtgcaaatac	tatagttgaa	ccccaaatag	atgatgaaag	aagaaaaann	nnnaaaaaaa	720
aactcgagcc	tntaaaacta	tagtgagtcg	tt			752

<210> 3745

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3745

gnnnnnnnnn	ttngnnntnt	gaagccntta	ntganttccc	ttttttgcag	gatcccatcg	60
attcgagca	tccacatgac	aggcggcgcc	gaagggatcc	tgcccctgac	tttcatnagc	120
tggtgaacca	tctggaattc	acaggcctgt	catgagagac	acgatgagaa	gtccttaaag	180
gtagatcact	gattcacagg	ggagcaggcg	gaggcaaggg	tgagtcagtg	cttggaactc	240
agtcattccag	atttggtctt	ggaaacttct	gaagctgtag	cctttgggga	tccctgactg	300
cgagtacagg	aagccaacgc	tatgtgtgtt	tctggaaact	cattatcttt	ttcactggtg	360
ctatctggga	aaaacagatg	aaaacctgaa	ggtgttctgt	atgtgtgctt	tcaaaagcaa	420
ggatctggcc	ggacgcagtg	gctcaggcct	gtaatcccag	cactttggga	ggccgaggca	480
ggaggatcac	ctgagggtcag	gagtttgaga	ccagcttggc	caacatggcg	aaaccatctc	540
tactaaaagt	caaaaattat	ctgggtgtgg	tggtgggcac	ctgtaatcac	agctactcaa	600
gtagctgagg	cagaagaatc	agttgaaccc	aggaggcana	ggttgcantg	agcagagatc	660
acaccactgn	acttcaacct	gggtgacaag	aatgaaactc	cgtctcaaaa	aaaaaaaaaa	720
aaaaactcga	cctttaaact	atagtgaagtc	gtattacgta	natccagann		770

<210> 3746

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3746

gnnnnttnnn	nnnnncnnnt	ttcnaatagn	nagctacttg	ttctttttgc	agggatccca	60
tcgattcgaa	ttcggcacga	ggctatgtgt	tctgactttg	ttgattcaaa	taagtaagct	120
aatcaattt	aagccattaa	taggtttata	aagttatttg	ctatgtgttg	ttcttacatc	180

attgattcat	gtaagtagac	gtgaca	gctaattctt	aaaaaattat	atgttta	240
gacttctttt	gatatatata	gattgt	atgaacagat	tgacatcaat	cttattc	300
attataaaaag	atttgagtgg	gaactcacca	aatccccacac	caaaaaaatt	taaaatttta	360
ccatagtaaa	aaaaactaaa	aagcaagatg	aaattataca	tagttcttgg	tgtagtattt	420
ttaatttttta	ttattttattt	ttatagaaat	gggtctcac	cattttgcca	ggctgttctc	480
aaactcctgg	cctcaggtga	tccgcctgcc	tcgacctccc	aaagagccag	gattataggg	540
atgagctacc	atgcccggct	agtgtagtat	ttttaaattt	tacttaatgc	tgagccattt	600
tcaaataacc	tcacacatt	gattatgacc	tcattgcaaga	accatctggg	ctatctttca	660
gtgtagttgt	ctttaatatc	ttagaactat	tgcattctgn	ccttttttgg	gaatgggtta	720
tgctttttaca	gtcttaacca	ttgcttctta	atatcacttt	ccgcggnaca	actggg	776

<210> 3747

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 3747

tannnnncnn	nnnnnnnnnn	nnnnnnnnan	nnncnnnnnc	nnacnnnnag	gnncnnnnnt	60
cnnnnnnnnn	nnnnnnnnnn	nnnnnnntcn	nnntnnnnnn	nnangtannt	nnntntnnnn	120
nnnnnnnnan	ngngngnnan	tttnccaaaa	taccnagtt	ttctaaaatn	ccttgggcnn	180
aatccgcatc	tcgngcaag	gcgaccntc	gnattccgna	attcggnac	gaggggcaag	240
gagtatngan	tttcattcag	gaattttntt	cangcaattt	natcaatctt	attcttgaat	300
tntattcacc	aataatggct	cgccatngan	gagtntaaag	tnaggaaaca	nngctatcct	360
tattcacatt	ttgcaaagtt	cctccatggg	ctactatgat	gantaatcaa	ngncaangng	420
gaggtaanaa	gtgaactngg	ganactngtt	gaccaccnca	ctcaatcccn	ngatantgg	480
caccatntac	tnanggnnnn	acnnatcnnn	atnacattaa	gaggatgntt	acnctgata	540
tggtgactgg	cttgttgga	ggacctatag	ctggaacatg	cttccattgc	caagaaagga	600
gctacaggtn	aagagacact	agntnaccnt	atgatngccg	gnttccagcc	tggcataatg	660
gnganttgcn	nntgacntna	atagcatntc	ntgcnacaat	ngaactnca	agatagaana	720
agcaanngca	agggaaatcnt	tgcntgcttt	aacccttact	catcnaaang	gcctctcnta	780
ctncaaagaa	tttacaatc	cngcttacca	tttatcaacn	ccaatgctgc	ttaccgtngg	840
tnaaccaccc	aannttgnct	ttaaaataac	cacaangtnt	ncnaaaangc	cnaaactcnn	900
ancctntaga	actataagtn	nntcaagatc	cctatnatcc	atncttgata	aatanacgnn	960

<210> 3748

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3748

ttnnnaatnn	ncantctctt	gttctttttg	cagggatccc	atcgattcga	attcggcacg	60
aggtgacaca	gagacagaga	aacctcccc	accaggggaa	gcagctctgc	agagttggca	120
ggatcagggg	ctagtctgaa	cccctagcac	agaacactca	cctcacggaa	gagtggccag	180
aatgttttcc	acataggtcc	tggtcctcac	ttctcctcac	tgagcagggc	tgcccaacgt	240
gggacttctg	cacaaccatc	ctgeccctgc	ctgaccactt	caatcagagg	cagcctggca	300
gttaaaggaa	cacccacaca	cagaggtgaa	aaagaaccaa	ttcaagaact	ccagcaacac	360
aaatgaccag	aatgtcttat	gtccttcaaa	tgattacact	acttctccaa	caaggttctt	420

aatcaagttg	agttggctaa	acagaa	atagaattca	gaatatggat	acacag	480
atgaccaaga	ttcaggagaa	aaaacc	caatccaagg	aaactaagaa	caataaa	540
atgatacaga	agcagaaaga	caaaatagcc	tatataaaaa	ataatataac	tgatctgata	600
gagatgaaaa	accaagctga	ggaaagaatc	ttggaactgg	aagactggct	ctgtgaaata	660
agacaggaaa	aaaaaaaaaa	gaannnnnna	aaaaaaaaac	tcgagccttt	agaactatag	720
tgatgcgtat	acgtagatcc	agacatgata	agatcctt			758

<210> 3749

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3749

gnnnntnnnn	nngnnnnnttt	aaaatacagc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgctgtagtc	ctattttgcc	atatgacatg	attgaaatca	acacctctta	gaaatagttt	120
tgctgcctca	taattgatta	ccatcatgat	aacctgtagt	cagtgtgaaa	tagagataaa	180
aattaatgta	cttagttaaa	tgcatatgaa	ggtctaattc	tgttccagag	ttactcttac	240
tggattattt	ttagatTTTT	attaacatta	ctggtctcta	actttactca	gtctggataa	300
gaaaaagaat	accatgcaat	tgttaaactat	ttgatgttta	ctagattaac	tattaatata	360
ttgtgtgtgt	ccatatttaa	gagttacttt	gttactagag	atttcattat	agtgggtgtt	420
aatatagttt	tgggtatttt	taactaaaaa	tcattgttat	ccttcaactg	tagattctac	480
tatgaaatga	ggaaaaatca	gcaatagaat	taattgggtt	caaagtatat	aaataatgat	540
gtgggaaagg	gaagtcagag	ggtatctctg	gaagaactga	tttatctgaa	ggtaatactg	600
agtgaagaa	cctaagattg	tagacaaagc	atgctttatg	caattttgct	ggtcatagta	660
gtagtagagg	ctctataaat	gtgttggttg	tttttggttt	taaagagaca	gtgtctcgct	720
atattgcccc	aggagtttaa	agctgcagtg	ccctgtggtt	gcacctgtga	a	771

<210> 3750

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3750

tgnnngtttc	naatagnnag	ctcttgttct	ttttgcaggg	atcccatcga	ttcgaattcg	60
gcacgaggtg	aattcctcag	caccaagttg	tttaacacag	aagagaggtg	gaaacaaaaa	120
atgcttggtt	tttactggct	ttcttttagc	atttctgtct	agtcgaaatg	ggggccaggc	180
ttgcacacat	agacaactga	attaatgtaa	ccggacctat	tccatctagg	ctgacctctt	240
gaaagatagg	aggggaagtc	taaaacagga	gaaaagtttt	agaaatcctt	tggattaggc	300
ttaccagat	tagtggtatg	taaaatatta	tgatattctt	agtgtttcag	gattatggat	360
tttagtaaaa	gcagaaaaaa	ataaattctt	gtttaactga	atctataatg	gcaccagtgg	420
tttggaaca	tttctgagtt	acttgatttt	atgtgaaaaa	atctggaata	acttttcctt	480
ttttccttta	gaccattttt	cttttattta	acctaaccg	agccacttta	taccaatttc	540
aacaatattt	ctgaattcct	gtgatctttt	atttcctttt	tgctgtcttc	agctgtgttt	600
ctctccactc	taagctcatt	aaagttaaaa	aaaaaatagg	agattggacc	catttttttt	660
tctgaggagt	gtggccgttt	aacaccctgt	ggtggctcag	gatattttta	gtagtatttt	720
cagctttcta	gaantgggtg	ncttanttag	naaatagtta	tnngaa		766

<210> 3751  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

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<400> 3751
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naccatcgga ttcgaattcg gcacgaggca tagttggaag ttaagggtga aaagagagat      120
aggggaaac aggtggaata atattgaaaa ttggatcaag aatataaggtag taggcgttag      180
ccattttatc ctgggagaag ggaggaaatg aaatanaaac aggaatagat agacgttttg      240
aggcgaaagg aatgaatcca gcatgctctg tttagtgtat tagatgagat cacctgggaa      300
ggcatgaatg ggcgggcaga gtggggtagt gacttcagaa gagtaataag ggttgaaaag      360
cactgctggg tgagggggaa ggaatgtcca taacctgact ccagcttcct ttagaataat      420
taacacacgt tacactcctt atttaaacag agatcccaag atcagataaa tccataatta      480
cttatttgtt gtacccacaa aatactatag gggctctgct actttctctt gaaagcatcc      540
ccttggtaat tattctttta tgtttctcta attgcatgct ngagaaagca tctgttagat      600
gcaactagtc tttagaccct gaacacctgc agatcttggt gatgcatgcc caagttcaga      660
aagctctgaa agaagttgct ttaaaganga taggccatgg cttttcagat acngaccttg      720
aatctgtagt ggttcctang tttccaatcc taacattacc cacttggtaa g              771
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<210> 3752  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

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<400> 3752
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gaattcggca cgaggccaca tagcaatggt ntaactgcag gactcaggtc cacttgccca      120
gcagctggca gggaagggcc atgaggcagt agagtcccta caggccaaga aactgagcag      180
aaccocatgcc tccagctcac cagctgcatt gaagccccca gctggcaggg agactgctgt      240
gaatggacag ggtgagctca tccccttgaa gaacattgag ggagaattgt caagtgtat      300
tcacatgacc aaggatgcc ccaaggaggc tctacatgcc accatggacc tcaccaagga      360
agctgtgtcc ctgactaagg atgccttcag tttgggcaga gatcgaatga cctccaccat      420
gcacaagatg ttgtccctgc ccccagccaa agtctggtcc agaactctgt ccacaggatc      480
tctttcaa atgtctcagata atgctggtgt tcaagggagc cctcttgatga ataattatgg      540
ccaggggtca ccagcagcca acagttcaat ttcaccagg ccctggaccg ccaaacagct      600
actcanctgc ttaactggcc cacaagtaca gaccagagac aaagcaagag aagaagcaga      660
gactgtttgg cccggggccc agaagaagct tgctggcnaa ggggacgttc caacgaagag      720
accactgtcc ttcgagcagg anttaca                                747
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<210> 3753  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

ggatgaacat	ggcatcatat	gattagaaaa	ccaaaattca	tttttgatgg	ctgttggtgn	60
cagatcgtgt	cctctaaaat	ttatgtgctg	gaaacttaat	ttctagtgtt	aacagtgccg	120
agaggtaggg	gctttgggaa	agtttaatgg	attaatgccc	acataaagg	gcttggtgga	180
gggaatttgg	gctctttgtt	gccccttcca	tcctttctac	catgtgagga	cgccacactc	240
ctcccccttg	gaagatgcag	caaacaaggt	gccatcttgg	aagcaaagac	taagctctta	300
ccacacatcg	aacctgttgg	tgccctgac	ttggactccc	agcctacaga	actgtgagga	360
agttaagt	ctgttattta	taaaattacc	aagtntcagg	tattgtgtna	tagcaccata	420
aatggactaa	anacaatgcc	aaaggtggca	cttgccatan	aactgctgcc	gatgatatca	480
actctttgct	ttccagagtt	aaagctttgg	attctgatgg	ggttgattct	cttttggtgn	540
ggacccttgt	actggttnct	attataatag	ttcttttcta	atntttaagc	cgggcccna	600
tggctcatgc	ctttaatccc	agcactttgg	ggaaggccaa	ggccnggcn	attcaccagg	660
tccaggagnt	caagaccatn	cn				683

<210> 3754

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3754

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ggctggaagc	cctacccatg	tcagggaatg	tctgggcctc	agatttttat	tttctagaat	120
gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgtttgc	tacttttttg	gcgaagaaaa	240
atattgggat	gcatgaataa	tatctaccta	aggtaacctaa	ggttgatttc	atcccattta	300
ttgaatgcc	aggatatacc	agctactgct	ccagatgttg	tattcagggg	acagaagaag	360
agtcctctg	cccatggagc	taacagcatt	ctaggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggtactgat	gaagattgtg	aagattatta	catcaggtga	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caaggaaggg	cctctgtgag	aaaggggatg	540
gttggtggg	tggtgtggt	cacgcctata	atcccagcac	tttgggaggt	tgggagtttg	600
agaccacctg	ccagcatgga	gaaacccgt	ctctactaaa	aatncaaaat	tagcccggca	660
tgggtggcaca	tgctgtaat	ncangctacc	tgggaggtcn	angccgggag	aattgcttga	720
accccgagg	gcaaagggtg	taattgagcc	ct			752

<210> 3755

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3755

naatancagc	tcttggttctt	tntgcaggat	ccctctnttc	gaattcggca	cgagtatcac	60
agtttgtaaa	cgggtgtttt	tgctcttggt	attgaagtat	acaactctgc	ttagccaaac	120
ataccaagca	acagacagaa	gcgtcacttg	gagagaagaa	gaaaggggta	actggcagag	180
ctactgtaaa	agaaggatag	aggagggtaa	gtttgaaagt	ggccatgggc	aagaattttc	240

tccagatagc	tcttgattat	tctctc	acctggatta	tttcccatct	acagtt	300
tggttctcaca	taactatcag	cctctc	aacacagaat	cagaccatgt	cctctg	360
ctccaacctt	ctgaggctct	ccatctccct	ctggataaca	ccctgcatga	cctggccctc	420
ctatcccact	gctcctcacc	gcgctcattc	caactctcct	gttctccttg	ctatttttca	480
tatgggcca	gcaagcacgt	gcctcacaac	ttgtgctctt	ggcgtctgtc	tgctgaaac	540
tttcttgct	caggtagtct	catggtttat	gcctctcct	ctttcaagac	ttggttcaag	600
tgtcaccatc	tctgtgaggc	cttctcagat	cacctagtc	tgacacatac	tagccttctt	660
tctactttt	tncactgnac	tcatcatctg	ctaattgngct	actggttgca	tattgcattt	720
aatgnctgtc	ccgttggtca	tgctgggttg	gggngggggg			760

<210> 3756

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3756

ttncnaanat	cagctcttgt	tctttntgcg	gatccctttn	tncganttcg	gcacgagggg	60
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tcagatgggc	ctgaagtaac	tgaagaatca	caaaagaagt	gaaaaggccc	tgccccgctt	180
aactgatgac	attccaccat	tgtgatttgt	tcctgcccc	ccttaactga	gtgattaacc	240
ctgtgaattt	ccttctcctg	gctcagaagc	tccccactg	agcaccttgt	gacccccgcc	300
ctgcccacca	gagaacaacc	ccctttgact	aattttccat	taccttccca	aatcctataa	360
gatggcccca	cccttatctc	ccttcgctga	ctctcttttc	ggactcagcc	cacctgcacc	420
caggtgaaat	aaatagcttt	attgctcaca	caaaaaaaaa	aaaaaaaaaa	aggataacaa	480
cctgcttggc	aagtttgaac	tcacaggcat	acctcctgca	ccccgaggtg	ttcctcagat	540
tgaagtcact	tttgacattg	atgccaatgg	tatcctcaat	gnctctgctg	tggaacaagag	600
tacgggaaaa	gagaacaaga	ttctatcact	aatgacaagg	gccgttgaca	aggaagacat	660
tgaacgtatg	gccangaagc	tgagaagtc	aaagctgaag	atgagaagcn	nanggacaag	720
ngtatncaag	aattacttgg	tctatgcttc	aaaaga			756

<210> 3757

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3757

tnnannatca	gctcttggtc	tttttgcgga	tcctcttatt	cgtcagaac	cactctgtcg	60
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tttttttttt	gcaaatgatg	tagtaggaga	tccaaggtgt	ttggttaatg	atttattcac	180
tcattagtca	ttccacaaac	ttgtcttgag	cacctgttat	gtacccagca	ctgtgctgga	240
atgctgagga	gaçaggagt	aagtaaaaag	acatggttcc	ggcaggaaac	aggcaaggag	300
agccttgact	tgacggagtc	tggctatatc	gccaggctgg	aatgcaatgg	cgcgatctct	360
cctcactgca	acctccgcct	cccgggttca	agegattctc	ctgcctcagc	acctcgagta	420
gctgggacta	caggcgcgcg	ccaccacgcc	cagatgagaa	aactgaggca	cagagaggtg	480
aaataagtga	gatgctacct	acctatgcag	agctggaaaa	gatttttgcaa	cctgaaaacc	540
caatcctttc	tgagatataa	aagaacagaa	gagtctggaa	gtgatttctt	cggagaaatt	600
cattttctta	ttccagagaa	gaaacttcaa	gctcagaata	ttggctacta	cctnggataa	660

```

acattttaaatt tatttgggaac gagagttt ttatactaaa ttgnaaagaa tttttt 720
atcaaagacc aancccgaata ttgaccc tcctgggatt tca 763

```

```

<210> 3758
<211> 806
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(806)
<223> n = A,T,C or G

```

```

<400> 3758
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aatncnagcc tcaaaannng ctgaacannn ttggcatcaa aatttnntca gaaaatttcc 180
taaaggagat nnaatcaagg gccnnaanac cgcnaanaga tgccctcttgn acactaanca 240
agcatctnnt gangagnnnc ttaaacangc ttccagnacag aancctgcct ggaaagatgg 300
gtccactgcc acntntgttc tggntgtgga cnccattntt tatattgcca acctcnnnna 360
tagncgggca aacttgtgtc gttataatga gganagtcag aaacatgcag ccttaagcct 420
cagcaaagag cataatccaa ctacagtatga ngagcgnat gaggatacat taaggctgga 480
ngaaacgnta gggatgggag tgttgncggg cngtgctata gggttnactc tgcatagnng 540
acgtcagacc agnactttcg atttaccctn tgatnngccg acatnagant tctgcccngc 600
tgacacccaa ttgacangnt tnntttncat tnntnttgta tatanggcnc ttaaanggat 660
ttcctctcn ngatnatanc ctattnnccc tnatacntng gtntatncta ntnntntntg 720
cntnanttnt cncttganc tancntaaa cnttnggnaa ntctttttan ctctctngta 780
ngtcttattc tcntantatt nccncc 806

```

```

<210> 3759
<211> 802
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

```

```

<400> 3759
ttcaaatccc nagcttctaa gttctnttgc aggatcccat nnattcgaat tcggcacgag 60
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tctacgtgac cgacgccgag gagctttgga gcacctgctt caccgccgac agcctgncgg 180
ncctcgtggg taactgggag ggtctgggag ccgtcacacc cctccttgca ntgcagatcg 240
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgcctc 300
gtagctgnag tcctccatt ggctagggct cttggggctg ggcagggttn gggtgcccc 360
agtgggcctc gggttncagg cagctcgtga caagcccctg ngctctctag aaagcccgtt 420
ntggcctgag tgcngntgag gacatnacc cccggttcag gtgagaccca acagggagga 480
aggacngatg ggnagganga ngggtctgcc acagctctcc cgtaccttt ctatnccagg 540
gcagcctgtg agcagcaagc ctgtggctct gacttctgca cgaangacan aagcnattcc 600
ttgacgcttt tcaagggggg ccctaancac ttggcctttg gacctcttca angntaccag 660
gccccaatag gcnagcccc aanctgtang ggccgcttta cactggggcc tnggcaaaaa 720
cncgtnttgg aacctgttaa cnggnnaact ggnaagcttc acnaanaaga caattnttta 780
nnnccnnggg aaaaagcccc cc 802

```

```

<210> 3760
<211> 772

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(772)  
<223> n = A,T,C or G

```
<400> 3760
gnnnnttttntan ntancagttt gaaacccttg gcggaccctc gattcgaatt cggcacgagg      60
tgttttcttctt acctcccctg cacaacattg tttatatgct tnctaaaatg taacttcttt      120
agattctgtgt gttacgtgca acactgtata tctctccata gcacttaatc agagtttgta      180
attagggcatc tttttgtgtg attatttggg aaatgtccat atcccctact agcctataag      240
ctccatgact tctaggtacc ctgtctgact acgtgtatca ctgtttctac cgcctaacat      300
tgcctagcac attcattgct tcacaggcat ctgaatatgg ttttataaaa tacattgctc      360
tagtgccacag gatttttaagc taaggatttc atgaatggga tttggggtag gggcatctat      420
gaaattcctg aaattgtgta gaattttgag aatatgtgtt ttcctgggga tagagtatgt      480
agtttctcag caactcatta cagtctgtca catcatgcc taattctact tgcctgtagc      540
taaacaccta ataacattag aactgaaatg atagtgatat gcaagatagc acgtgtgggt      600
tccacatatt ctaagaggca tcttcaatta gattccaaaa aaaaaaaaaa nnnnnaannn      660
naaaaaaact cgagcctnta aaactatagn gagtccgatt cgtagatccn gacatgataa      720
gaancattga tgaagtttgg acaaaccnca acttggaatg cnttggaata aa              772
```

<210> 3761  
<211> 771  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(771)  
<223> n = A,T,C or G

```
<400> 3761
tttaaganca gctcttggtc tttttgcgga tccatcgatt cgaattcggc acgagcctcc      60
accaaccccc cagtcgtctg ggatggacaa ccatttggag gagctgagcc tgccggtgcc      120
tacatcagac aggaccacat ctaggacctc ctccctctcc tctccgact cctccaccaa      180
cctgcatagc ccaaatacaa gtgatgatgg agcagatacg cccttggcac agtcggatga      240
agaggaggaa aggggtgatg gaggggcaga gcctggagcc tgcagctagc agtgggcccc      300
tgcctacaga ctgaccacgc tggctattct ccacatgaga ccacaggccc agccagagcc      360
tgtcgggaga agaccagact ctttacttgc agtaggcacc agaggtggga aggatggtgg      420
gattgtgtac ctttctaaga attaaccttc tcctgcttta ctgctaattt tttcctgctg      480
caaccctccc accagttttt ggcttactcc tgagatatga tttgcaaata aggagagaga      540
agatgagggt ggacaagatg ccaactgctt tcttagcact ctcccttccc taaaccatcc      600
cgtagtcttc taatacagtc tctcagacaa agtgtctcta gatggatgtg aactncttaa      660
ctcatcaagt aaggnggtac ttcaagccat gctggcctnc ttacatcctt tttnggaaca      720
gagcacngna taaataatta acttaataat aatatgcccc aaaaaaaaaa a              771
```

<210> 3762  
<211> 764  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(764)  
<223> n = A,T,C or G



```

<400> 3762
cagctntngt tctttttgcg gcttcctcga ttcgggagag aaaccttatg ggcattga      60
ctgtggcaag gccttcagcc agaagtcttg ccttgtagca catcagagat atcatacagg      120
aaagactccc tttgtatgtc ctgaatgtgg gcaaccctgt tcacagaagt caggactcat      180
tagacatcag aaaattcact caggagagaa accctataaa tgcagtgact gtgggaaagc      240
cttccttaca aagacaatgc tcattgtaca tcacagaact cacacgggag agagacccta      300
tggctgtgat gagtgtgaga aagcttactt ctatatgtct tgccttgta aacataagag      360
aatacactca agggagaaac ggggggattc agtgaagggt gaaaatcctt ccacagcaag      420
tcacagctta agtcctagtg aacatgtgca ggggaaaagc cctgttaata tggtaactgt      480
ggcaatgggt gcagggcagt gtgagtttgc ccacatcctg cattcatgat aaacagtttg      540
ctgtttgatc atatagcctc caacggaatg ctgagtttgt catgtcccat gggccctttg      600
gctccctgca ctaatatgta tagtangggg ttacaagata tgaaaatata ttttactttt      660
tttatatctt ataaacctca ctacccttc cacaatattg gttttcattt actatcttga      720
catagagttt ggcttgggga agggggcagt tttaaangct tccc                        764

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```

<210> 3763
<211> 764
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

```

```

<400> 3763
cagctntngt tctttttgcg gatccctcga ttcgggagag aaaccttatg gatgcattga      60
ctgtggcaag gccttcagcc agaagtcttg ccttgtagca catcagagat atcatacagg      120
aaagactccc tttgtatgtc ctgaatgtgg gcaaccctgt tcacagaagt caggactcat      180
tagacatcag aaaattcact caggagagaa accctataaa tgcagtgact gtgggaaagc      240
cttccttaca aagacaatgc tcattgtaca tcacagaact cacacgggag agagacccta      300
tggctgtgat gagtgtgaga aagcttactt ctatatgtct tgccttgta aacataagag      360
aatacactca agggagaaac ggggggattc agtgaagggt gaaaatcctt ccacagcaag      420
tcacagctta agtcctagtg aacatgtgca ggggaaaagc cctgttaata tggtaactgt      480
ggcaatgggt gcagggcagt gtgagtttgc ccacatcctg cattcatgat aaacagtttg      540
ctgtttgatc atatagcctc caacggaatg ctgagtttgt catgtcccat gggccctttg      600
gctccctgca ctaatatgta tagtangggg ttacaagata tgaaaatata ttttactttt      660
tttatatctt ataaacctca ctacccttc cacaatattg gttttcattt actatcttga      720
catagagttt ggcttgggga agggggcagt tttaaangct tccc                        764

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```

<210> 3764
<211> 802
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

```

```

<400> 3764
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agatcctgga gagcgggcat ttgcggaagc tggaccatat cagtgagagc gtgcctgtct      120
tggagctctt ctccaacatc tggggagctg ggaccaagac tgcccagatg tggtaaccaac      180
agggttccg aagtctggaa gacatccgca gccaggcctc cctgacaacc cagcaggcca      240
tcggcctgaa gcattacagt gacttcctgg aacgtatgcc cagggaggag gctacagaga      300
ttgagcagac agtccagaaa gcagcccagg cctttaactc cgggctgctg tgtgtggcat      360

```

gtgggttcata	ccgacgggga	cgacct	gtggatgatgt	cgacgtgctc	ctcacc	420
cagatggctg	gtcccaccgg	atcttca	gccgcctcct	tgacagtctt	caggaag	480
ggttcctcac	aagatgactt	tggtagagccc	anaggagaat	ggtcagcaac	agaagtcttg	540
ggggtgtgcc	cggcttccaa	ggccatggcg	gcggaaccgg	gcgcctggac	atcatcgtgg	600
tgccctataa	gcgagttttc	ctgtgccctg	ctctaactta	cccggctttt	gacacttcaa	660
ccgcttccat	gcnaaccctt	tgcccaaaaa	ccaaagggcc	ttgaagtttt	ntcatgaaca	720
ntgcccttca	accacttgnt	gtgggtcccg	ggaacaaccc	atgggatnna	aaggngngng	780
ccttgnccca	aattgcttnn	cc				802

<210> 3765

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3765

atacagctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	ggcatatgct	60
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ggcgttgagt	gacactgatt	ctcgcgtgtc	tccggcctct	ccggcagggg	gtcctancgc	180
agactttgcy	gntcatggag	agtctctggg	agacaggcac	ctgcggacgc	tgagataag	240
ttacgacgca	ctgaaagatg	aaaattctaa	gctgagaaga	aagctgaatg	aggttcagag	300
cttctctgaa	gctcaaacag	aaatggtgag	gacgcttgag	cggaagttat	aagcaaaaat	360
gatcaaggag	gaaagcgact	accacgacct	ggagtcggtg	gttcagcagg	tggagcagaa	420
cctggagctg	atgaccaaac	gggctgtaaa	ggcagaaaac	cacgtcgtga	aactaaaaca	480
ggaaatcagt	ttgctccagg	cgcaggctctg	caacttncag	cgagagaatg	aagccctgcy	540
gtgcggacag	ggcgccagcc	tgacccgtgg	tgaacagaac	nccgacgtgg	ccctgcagaa	600
cctccgggtg	gtcatgaaca	gtgcacagct	ttcatcaagc	actggtttcc	ggagctgaga	660
cctgaatctt	gttgccaaat	ccttaaattct	attgaacngaa	tttctgaagt	taaagaccan	720
gaggaagact	nttgaggccc	tggn				744

<210> 3766

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3766

atcagtttct	tgccctttntn	caggatccct	cgattcgaat	tcggcacgag	gtttccctgg	60
cttaccgtga	tgacgcattt	gctgagtgg	ctgaaatggc	ccatgaaaga	gtaccacgga	120
aactcaaata	caccttcaca	tctcccaaga	ctccagagca	tgagggccgt	tactatgaat	180
gtgatgtcct	tcctttcatg	gaaattgggt	ctgtggccca	taagtgttac	cttttaaaaca	240
tccggctgcc	tgtgaatgag	aagaagaaaa	tcaatgtggg	aattggggag	ataaaggata	300
tccggttgg	ggggatccac	caaaatggag	gcttcaccaa	ggtgtgggtt	gccatgaaga	360
ccttccttac	gccagcatc	ttcatcatta	tgggtgtgta	ttggaggagg	atccatga	420
tgtcccgacc	cccagtgtt	ctggaaaaag	tcatctttgc	ccttgggatt	tccatgacct	480
ttatcaatat	cccagtggaa	tggttttcca	tcgggtttga	ctggacctgg	atgctgctgn	540
ttgggtgacat	ncgacagggc	atcttctatg	ccatgcttct	ggccttctgg	atcatcttct	600
gtggcgagca	catgatggat	cagcacgaac	cgnaccaca	tngcanggta	ttggaagcca	660
agtcggccca	ntgccgtngn	tcttctgnct	ttcatatttg	acatgtgtta	aaaaanggg	720

&lt;210&gt; 3767

&lt;211&gt; 749

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 3767

tnagatacag	ctcttggttct	ttttgcagga	tccctcgatt	cgaattcggc	acgaggtttt	60
atttataaaa	caaaaattta	tatttgcaca	ggaggagaat	tagcaggatg	taaaataaaa	120
atgaaagacc	ccaatgggga	gaatatttta	aatgtcttgc	agggagtgga	agaaagcttt	180
gcttaaaaat	gtcaccatat	gctaactata	tacagcactt	caagtttatt	tattgttaaa	240
gcctcatgta	aatcacgtca	ttctgaaaat	catggaaact	gcacatttgt	gcattaaact	300
atgtaaacaa	caaaaactgg	tcatccgtcc	aattgtttgt	tcacttattt	tgaattatag	360
tgcaattttg	tggaggggtga	aatggggatt	acacaatata	gcgatttcct	gttaacacct	420
acatttttgc	tgatcaagca	aggtctgttg	gtgcgagagc	ttaaccttta	ttttatttcc	480
aaatgtgttt	tttattccga	gtcccgttgg	tgtctatggt	ttcacttttc	tccatgagcc	540
acatgtttaa	gcctgccctg	actaaatgaa	ggagtgtgaag	cagtgggata	gacattgcag	600
gcaggcgaaa	ctgggataag	ccccagaatc	ttttgaacct	atcagtaata	ttactaacag	660
gggagaaagt	ataaaagtga	gcccttcaag	tgctctagtg	tacatgtcag	aattnaagca	720
cgagttncac	gggatggctc	accccccttc				749

&lt;210&gt; 3768

&lt;211&gt; 759

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(759)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 3768

caaatncnng	ctctcgttct	ttntgcagga	tccctcgatt	cgaattcggc	acgagggctg	60
cagtgaagctg	tgatcggtgc	actgcactcc	atcctgggtg	gcagagtgag	gccctgtctc	120
aaaataaaata	atccagtccc	ccccaaagaa	gggaatgaag	tgctataatg	agaaaaatcc	180
tagtacctaa	catatagtag	acagtggaga	gtggttctct	ttcgttntct	aggggcagac	240
agattgggtg	ctggagtcct	ctatcaaaga	gtcagagctc	tatcccagat	gtgtaatgaa	300
cgtggtcaca	gacatattgt	ccattacccat	ttaccttccc	tataaccact	gtgcctccag	360
ccttgtagaa	tagacacata	ggagcgcagc	aatacgtcta	aaaataggag	tgagagaggg	420
cagggcatgc	ccgttcttgn	ggtagaagaa	aagaatgtca	aagaaagcag	ctgggactaa	480
tgaactttac	attagccata	ttccattatt	tcagcttaag	tcaaagtgcg	gtcctcatga	540
ggcaactggc	tttgacagga	gctacgctaa	ttaccactta	ccaaccttta	atttctgggt	600
aaaagcaaaa	gacaaaaact	aatggatttn	tcatttttnc	cagngacaag	aattaaataa	660
tagtangtct	gtcnaaaaaa	aacaaaattn	aaactcgagc	ctntagaact	ttngngagtc	720
gtattacntt	agatncagac	ntgatacgat	accatggan			759

&lt;210&gt; 3769

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 3769  
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 ggagccacca tgcctggccc atcgntncat ttgatccttg caacacccta tgagaatata 120  
 cngatcgaac gatntcacag atnatccata gtgatactca gctaacggnt ggtctgccaa 180  
 gacttgaacc caccattctt gttactnnct tgatnncttt aanactgggt atnnnnngcc 240  
 agtntgnnat ggngcnnaaa atangatgtn ngnttttttg angtannann tgctacaggg 300  
 ntnnactnta tnatctnagc natagcnagt ncaagtnnga ctgattnagn atacacnnng 360  
 nngtgttant ngctaaaata ttgaaanaac tttnattctg gntggagcnc gtnnngtntc 420  
 ccaaatatga acaaccaana tctgaaatgc tncaaagctg gaaactttta gagtgnntnt 480  
 gantgccngc caacatgaca tgcaaganaa acattnattt ggagcatttn ggattgtgna 540  
 tattnagatt ngggatgctc antangnatt aatgcanata ttncaaaaanc cncgccttcn 600  
 gacccagcng aaaaaaaac caaaaanccca naataacttgn gntcnccaag cattcatgaa 660  
 aaaaatgatn cttaacctng naaatagctt tgncccaacc cncnnaagtt tctttntcta 720  
 ctccctggc cantttnaac attaggaacc ccct 754

<210> 3770  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 3770  
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 ggctggaagc cctacccatg tcaggggaatg tctgggcctc agatttttat tttctagaat 120  
 gaagatactt accccccaat tgctgagata tttgaataaa agtatatgtg aaggattttg 180  
 taattataga atgtcctaca aatatgagta gttcgttttg tacttttttg gcgaagaaaa 240  
 atattgggat gcatgaataa tatctaccta aggtaccta gggtgtattc atcccattta 300  
 ttgaatgcc aaggatatacc agctactgct ccagatgttg tattcagga acagaagaag 360  
 agtcctgtg cccatggagc taacagcatt ctaggggagg aaagatgggt cagctgactt 420  
 tcacgatctc aggtactgat gaagattgtg aagattatta catcaggtga atgtaggggt 480  
 gatttagaga aagctggtag ctaggctgtt caaggaagg cctctgtgag aaaggggatg 540  
 gttggctggg tgtggtggtt cagcctata atcccagcac tttgggaggt tgggagtttg 600  
 agaccacctg ccagcatgga gaaacccgt ctctactaaa aatncaaaat tagcccgga 660  
 tgggtggcaca tgcctgtaat ncangctacc tgggaggtcn angccgggag aattgcttga 720  
 accccgggag gcaaagggtg taattgagcc ct 752

<210> 3771  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 3771  
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gtgctttcca	gctcagggcg	tccact	tggttattct	tggggacca	caagct	120
aggatgggga	cagaggcctg	caacct	gctggcctcc	ttccattaaa	tttacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcattct	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttccgtggt	gctactgcct	gagaacagag	gttttttagtt	360
tctttaaagg	gttgtaaaca	taaaaacaaa	gaaggataca	acatgcaagg	cctaaaatgt	420
ttactttctg	gccttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaadc	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgtattat	tatttaattct	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3772

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3772

taaagnatca	ngntcttggt	ctttttgcag	gatcccatcg	attcgctgga	ccgggtcttg	60
gtgctttcca	gctcagggcg	ttggtccact	tggttattct	tggggacca	aatccaagct	120
aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcattct	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttccgtggt	gctactgcct	gagaacagag	gttttttagtt	360
tctttaaagg	gttgtaaaca	taaaaacaaa	gaaggataca	acatgcaagg	cctaaaatgt	420
ttactttctg	gccttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaadc	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgtattat	tatttaattct	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3773

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3773

ggnnnnnttn	nnatttngnc	nnannnanaa	ctctnnagna	anccctttgt	ncaggcatcc	60
catcgattcg	aattcggcac	gagcagcctg	cggccaggct	ttttatttaa	tntnaatagt	120
ttttgtttgc	ctccgtgggt	tggtcacctg	gtgcacgcga	ccgtgctgta	aatgtggcag	180
tcgctgtggt	gggagagccg	gccacgccct	tggttttaga	gctgtgttga	aatccatttt	240
ggtggttggt	ttttaaccca	aactcagtcg	atTTTTTaaa	atagttaaga	atccaagtcg	300
agaacacttg	aacacacaga	agggagaccc	cgcctagcat	agatttgcag	ttacggcctg	360
gatgccagtc	gccagcccag	ctgttcccct	cgggaacatg	aggtgggtgg	ggcgcagcag	420
actgcgatca	attctgcatg	gtcacagtag	agatccccgc	aactcgcttg	tccttgggtc	480

accctgcatt	ccatagccat	ttgtcc	ctgtgtcccc	acggttccca	ccaggc	540
tgggagccca	cagccacccc	atgccgc	aggccgccta	cccaccttca	gcagcctat	600
gggacgcagg	gccccatctg	tccctcggtc	gcccgtgtgg	ccagantggg	gtcccgnctg	660
ccccaacact	cgngcttcgg	nttcagaaca	cttttgggca	nggaangtct	tgggggccct	720
taaccaagca	nggaaccncc	gtgccaaaag	ccngggcaag	gccgggtccc	aaccttagga	780
acccaacaa	gccccctttn	ggggaagcca	acccccnaaa	cctttttggg	gggg	834

<210> 3774  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 3774						
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cgaattccgt	tgctgtcgg	gatgagattc	tgatggaaga	gattaaggat	tacaaggcac	120
gcttgacctg	tccgtgctgt	aacatgcgta	aaaaggatgc	tgttcttact	aagtgttttc	180
atgtcttctg	ctttgagtgt	gtgaagacac	gctatgacac	ccgccagcgc	aaatgtccca	240
agtgtaatgc	tgcttttggt	gccaatgatt	ttcatcgcat	ctacattggt	tgatctaagt	300
caaganaaga	agaggagctg	gctagtccag	aacttattca	ttaaccacca	aacctctacc	360
tnntctctcc	ttgactgtca	cctgtaggac	agtttatcag	tcaactacct	ttcctccaga	420
ctttacttcc	aggctctnct	cttcagtanc	tggatgactt	tagcagaaag	gactggtaaa	480
tacaagcctt	gggtttcaga	atgaattaga	aacaaataac	tcttactgtc	ttccctccca	540
gctttgttta	ttttgtgctt	ttagactttt	cagtgnntnc	ttttttcagn	ccactgtata	600
aacttggtt	gtccattcct	cctgaagaaa	tcaagttggg	tatttttgat	gtggaaaagg	660
gaacaanaag	tggaaacatg	gctacttttt	ggggagtggg	tnnttttaaaa	aaatnagggt	720
ggctatgggc	accaaanttt	tctacatttg	ngtnncaaac	ttcttgtgaa	atgtgggatt	780
ncaaant						787

<210> 3775  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3775						
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gctgggtgtg	gtggcttatg	cctgtaatcc	aaacactttg	ggaggccaag	aagggaggat	120
cacttgagcc	caagaatttg	agaccagcct	gggtaactta	gtgagaccct	gtttctaaaa	180
ataaatagac	agatgataga	tagtcagata	gagagagaga	gagagatgat	atagatatag	240
atagatagat	agaatgttct	ctaccccaag	ggtggagaaa	gacttgagca	aagacacaga	300
ggccacatgg	attaaaagga	ggaggagaag	ccctgtgttt	gcagggatga	atggcctatg	360
ctctggggag	gtgggctgtg	ccctcagcag	catccacatc	taatgcagga	caacaccatc	420
gacttccttg	agtacgtggc	agctctgaat	ctcgtgctga	ggggcaccct	ggagcacaag	480
ctgaagtggg	cattcaagat	ctatgataag	gatggcaatg	gctgcatcga	cccgcctgga	540
gctctcaaca	ttgtggaggg	aatttaccag	ctgaagaaaag	cctgccgcga	gagctacaaa	600
ctgagcaagg	ccagctgctc	acaccgagg	aggtcctgga	caggatcttn	ctcctgggtg	660
atgagaatgg	agatggccac	tgctnttgac	naattggtga	agngcccctc	gggccaagtg	720
ggtgatgaaa	atcttccnat	ggc				743

<210> 3776  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

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<400> 3776
atcagctctt gttctttttt caggatccca tcgattcggg agggcaggag agtgaccaag      60
cagctagaag agagggtgca gcaccccaag gnnaggactg ggggagtggg tggtccagga      120
agggctcttg catgtaaagc tgcacagaag tcaaatcaga taaagcctga gagggatcca      180
tggtgatttct tggcaaaggg attgttggtg ataccaggaa gagcagcttc agtggctcat      240
ggggagagaa gccagattac aggagatcag caactgagag agtgagtgga gagcatcttt      300
taagaatgtc ttgagtgcgg gccggctgcg gtggctcacg cctgtaatct cagcactttg      360
ggaggccgag gcgggcgaat cagcagggtc ggagttcgag accagcctgg ccaacatggt      420
gaaaccgctc tctactaaaa ttacaacaat tagctgggca cggcgcantg gtgcgtgcct      480
gtaatccag ctctcgggag gctgangcag gagaatcact tagaccaggg agtcggaagt      540
tgcagtgagc tganattgcg ccactgcact tcanactggt gacagaacta gactctgtca      600
aaaaaaaaaa aaaaaaaaaa tcgagcctnt agaactatat gagtcnatt cctagatccn      660
gacatgataa gatncattga tagtttggac aaccacactt gaatgcntga aaaaatcttt      720
atttggaat                                     730
```

<210> 3777  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

```
<400> 3777
ggnnnnnnnn nttttnnncn atggaaactt ttgtatttgc nctttttgca ggatcccatc      60
gattcgaatt cggcacgagg ccaccaccac caccagcccc acaaaattna cctcaaggcn      120
tacgaacagg tgatgcacta ccccggtac ggttccccca tgcttggcag cttggccatg      180
ggcccggtca cgaacaaaac gggcctggac gcctcgcccc tggccgcaga tacctcctac      240
taccaggggg tgtactcccg gccattatg aactcctctt aagaagacga cggcttcagg      300
cccggctaac tctggcaccc cggatcgagg acaagtgaga gagcaagtgg gggtcgagac      360
tttggggaga cgggtgttgca gagacgcaag ggagaagaaa tccataacac cccacccca      420
acaccccaa gacagcagtc ttcttcaccc gctgcagccg ttccgtccca aacagagggc      480
cacacagata cccacggtt tatataagga ggaaaacggg aaagaatata aagttaaaaa      540
aaagcctccg gtttccacta ctgtgtagac tcctgcttct tcaagcacct gcagattctg      600
atttttttgg tgggtggtgg ggtctccatt gctgntgntg caaggaaagt cttacttaaa      660
aaaaaaaaaa ttttgtgagt gactcggngt aaaaccatgt agntttaaca gaaccngang      720
gttgtctatg gttaaaaagc cntnagaact atgngagtcg nattacgta                                     769
```

<210> 3778  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(743)  
 <223> n = A,T,C or G

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<400> 3778
naanannagc tcttgttctt tttgcaggat cccatcgatt cgcccacctc ggcttcccaa      60
agtactggga ttacagacgt gagccaccgc acctggccta aatttcacca tcgtttctat      120
tcataactta cctgcaaagt gattatctga ctagtactac tgcaacaaag ataataaagt      180
gcctgatgtt tatatcaaat aggatatggc atgtttctga gtgtttctaa agaaaaatac      240
tgaatgaacc cctcgccctaa cctagtgcct gtggtaacaa taactgacat gcattgagcg      300
cttactgtgt gccagggtgt tggtcgaggt actttaccgg tattaactct ttaattcgca      360
taacccttct gtgagatggg taacattata cccattttac agatgaggaa tctgaggcct      420
ggagatatca aatcatgtgc ccaaggccac aaagccaaca tgtggtagaa ctgagactcg      480
aatctaggca gtttgttcca atttttgtgc tttgaacctg tgcacaatat gactattgct      540
attttgtgat attatttgag atttctcttt taattattct tgatatcttt ggggcagaaa      600
aacaatgaat aataatgtta tgaatattaa agccctcaa aaaaaaaaaa nnnnnnnnnn      660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaacctggc ctttaaaatt      720
ttgggggggn ntttccnnaa anc                                     743
  
```

<210> 3779  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

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<400> 3779
ttntatatca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cagcaggata      60
taatggccan gaggaatcan aaacctgacg ttagaaaggc tcaacgagaa cangctatca      120
gggctgctaa ngaagcaaaa aaggctaagc aagcatctaa aaagactgca atggctgctg      180
ctaaggcacc tacaaaggca gcacctannc aaaagattgt gaagcctgtg aaagtttcag      240
nctacagggtg gacaatgagg aggaggaaag ccnnggacag gttgaagggc ggcttgnccc      300
atccactgtg gtcctggacc acacangcgg ctttgagggg cttctcctgn tggntgatga      360
cctgctgggg gtgattggac acagcaactt tggcaccatc cgntctacca catgcgtgtt      420
caaagggaaa tggctctncn aggtcctcat ctctnccang ggctcatgca natcggtgg      480
tgcaccatca nctgccgntt taaccangan gaggggggtg gagatacaca caactcctat      540
gcctatgatg gcaaccgcnt gcncaaagtgg aatgtgacca cancgaatta tgcccccca      600
tctntgctgg gttncanncc tgtgggcaca agtnctgcng ngcctgtatn aaccagcacc      660
tggtgaacan canggacttg nttcttcttc aaaaccacn ttntgtctgt anangacttg      720
gtanaaggga gccaatccna gttctacn                                     748
  
```

<210> 3780  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

```

<400> 3780
gnnnnnttnn nnnnnnnnnn ttttnaatnt cagctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag ggatttctcc tccttcgcgg ctttctgcgt gacactggct      120
gtcagctctg ggctgggctt tctggggggc acacagctgc tgaggcggcg ggttgaggcg      180
  
```



gcccgaaggg	accaggggtg	gcctgg	ttgtggatag	cggcctgtgt	aggagc	240
tgctttagg	cagtggagg	gacagca	tcaccttggg	ccggtatctc	cagctgg	300
cacgccatcg	gaacttcctg	tggttcgtga	gcatggacct	ggtgcagggtg	cagtggctca	360
cgctgtaat	cccagcactt	cgggacgcc	aggtggaaaag	accgcttgag	cccaggagtt	420
cgaggctgca	atgagttatg	attgcaccac	tgcactccag	cctggggcggc	agagaaaggc	480
tccatctcta	aaaaaagaag	agctaagtgc	tgtacctaaa	acatgcagta	tataaactgg	540
ctgaacttag	aaataaactg	ttttcatgtt	atgaaaaaaa	aaannnnnnn	nnnnnnnnnn	600
nnnaaaaaaa	aaaactcgag	cctntanaac	tatagnagat	cntnttacgt	anatccagac	660
ntgataagat	ncattgatga	gtttggggac	aaaccaact	ngaattgcntg	aaaaaatgc	720
tttatttgng	aaaatttggg	atctatgctt	tatttgtacc	attataagct	n	771

<210> 3781

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3781

cnmntttcaa	atcgcttggt	actngttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggtgag	gggctgtctg	gcccttctga	ttttttgtta	acgagacatg	gattgtggca	120
tcaagattta	gattcattcc	tctgtttgtt	ggagtcattg	aagccagtat	atcctggaca	180
ttttttaaag	aggtcccat	tctgagaaaa	gacaggagtt	gaatgtctta	ttgattctta	240
cctttctgtt	cgttatagac	gaccagagga	aacaaatgcc	cgacacggat	tcgactcagt	300
cataagtgtg	aaccaaatag	gccgatctgg	gttctctcac	tgactgaaga	ggaagagaaa	360
taagagagga	cagtgggcaa	aatgtagggg	gacaaccaag	ggttctgggt	tgcccagaat	420
tgccctgggt	tcaaccctga	agttcccatg	ttgtggacag	ccccgtggtc	ctagacaaac	480
aggtcacctt	agcggtaaaa	gcctttctca	ggagtggagag	ctccagggga	gacaaaacgg	540
gtttggtttt	ggaacctgga	ggaagaaggc	aaaatgagaa	gagtnactg	gcagtgagtc	600
ccggaaaggn	cccgcttg	aacaancgtg	gcatcttccg	gacccacttc	cttgctcttt	660
ctcccgttag	ccctgccctt	aatgtngggg	cccagtgcaa	aanccctntt	ggggggccngg	720
gcccgttgcc	ctgcttaatt	caattgcaan	cttggaccag	gaaaagccca	gcccagctt	779

<210> 3782

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3782

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atctccaact	gacctcatga	tccactggct	tcggcctccc	aaagtgtgg	agtgcagtgg	120
tgtgatcatg	gtcactgca	gccttgacct	cctgggctaa	agcaatttgc	cttctctggc	180
ctctcaaagt	gctgggatta	cagggtgtgag	ccactgcacg	tggcctcttt	ttagtttatt	240
ttttccaaaa	ttattttgaa	aagtttcaag	gtggaatgta	gtgacaccat	cacggctcac	300
cgaagacttg	acctcctggg	ctcagggtgat	cctcccacct	cagcctctca	agtagctggg	360
actacaggtg	cacaccacca	caccagcta	gtttttatgg	tttttttaga	gacaggggtt	420
cgccacgttg	cccaggcagg	tagaactccc	gtactcaagt	gatccgtccg	cctcagcctc	480
ccaagtggtt	gggattacag	gtgtgagcca	ctgcacccgg	cccatttctt	cttagattta	540
acagttaaca	ttttgctaca	tttgttttat	gtccccatat	atctggtttt	cccttaagct	600

atatgaggct acattgnggg tttttac ccaatattct ggtatcaacc tggccat 660  
aatcataata aaaaaattta ttttggtgc agtaaaaaaa aaaaaaaaaa atggaggnc 720  
tttagaacta tnttgagtcg ntta 744

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<210> 3783
<211> 753
<212> DNA
<213> Homo sapiens
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<400> 3783						
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caagaaaaaa	aaaaggttaa	agttcctgac	ttaatgagga	aataaaaaaa	ttatatgctg	120
aagttgctaa	gatctagctt	gtgtttgtga	aattgtgaag	aaagaaaaag	aaattcatag	180
tagttttatg	gtcacacttc	tgcaaaaatt	gcagccacag	tgcatgataa	gtgcatagtt	240
aagatggaaa	aggcattttt	tgagtggaag	acatgaagag	aaatagcttc	caatgacagc	300
attcaagttc	ggtactatac	atggtttcag	gaatctacta	gaggtcttgg	aacatatccc	360
tgtggataag	aagggactac	tgtattgcca	accaggggaag	cttcagtgc	tccagagaat	420
ttattagggc	atcattacat	aggcacgatt	gatttgtttg	gctgccaca	tggttgaact	480
cagtcttcaa	gtcaactgat	accaagttgt	ccaaagttcc	ccaccctaaa	ccacatggtt	540
ggtctttctg	gcatggcccg	gctttcacc	taagactact	gggtgttgca	gctgcaacct	600
aaaatctagt	aacaaagaca	tgcttatcag	gtctgacata	gattaccttc	caaaagggaa	660
agatcagaca	tctctttggg	taangtcaac	ttttttttac	tacattgaga	caaattctat	720
ttcaaggaca	gagttaagga	gggaatgaat	ttt			753

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<210> 3784
<211> 740
<212> DNA
<213> Homo sapiens
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[illegible]

<210> 3785  
<211> 753  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3785

tcnnntgaan	acctttacaa	ctacntgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggaa	aagaaaaaaa	aagaaattta	aaattctgtt	ttagtgagg	catttgaact	120
taagtctaag	tttataacaa	cactggcttc	cacagcacag	gaggtgagca	tgtgttaata	180
tttaagattg	gcataactcc	ctttagggtgc	aagtgttcag	gccaaaatgt	tcctgagcat	240
tttgattcct	cctcctgctg	cccattctata	ccaagcccag	aaactgtctg	gaatatattt	300
tagtttcctg	aatgacacca	agaagtagaa	cagtcctttc	aaaaatgtat	tttaaaaata	360
agctgaatct	caagaatctg	atctatagta	taatgaaaac	tgaaaagtga	agtagtcatt	420
gggatactct	actgtctcac	ttaattctca	cggcttcctc	gcaagggtgg	taaaattggt	480
cctacagata	gtcaaattga	gttttacagt	tagaaaatga	ttgggctagg	atttgagccc	540
aatgtctgtc	agattcctga	gtttctgcta	cttctactaa	aatatgctgc	ttcttggtgtg	600
tccngtcttc	tgtttgggga	caagcagatg	atatccctaa	caaatcaat	ttctttatta	660
ttattctctt	ttaccttttg	gttcccagca	gtacaagtcc	cagttttgaa	gctcaaaaga	720
ctggtatgag	catagctcat	cgacgacatg	gtg			753

<210> 3786

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 3786

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cggcacgagg	ccaaatcctt	cagtggatgt	gaaaggaata	ggagatgaat	tatataatcc	120
agaaacacat	aaacgacata	ctttgttttg	tgggacaact	gttattcaga	ctcgtttcta	180
cactggagaa	ctcgtcaaag	ccatagtgtg	tagaacagga	tttagtactt	ccaaaggaca	240
gcttgttcgt	tccatattgt	atcccaaacc	aactgatttt	aaactctaca	gagatgccta	300
cttgtttcta	ctatgtcttg	tggcagttgc	tggcattggg	tttatctaca	ctattattaa	360
tagcatttta	aatgaggtac	aagttggggt	cataattatc	gagtctcttg	atattatcac	420
aattactgtg	ccccctgcac	ttcctgctgc	aatgactgct	ggtattgtgt	atgctcagag	480
aagactgaaa	aaaatcggta	ttttctgtat	cagtccctcaa	agaataaata	tttgtggaca	540
gctcaatctt	gtttgctttg	acaagactgg	aactctaaat	gaagatgggt	tagatctttg	600
ggggattcaa	cgagtgggaa	aatgcacgat	ttctttcacc	cagaaagaaa	aatgggtgtgc	660
caatgaagat	gtttgggtaa	aaatccccag	ttttggttgc	nttggtatng	gcttacttgg	720
tcattcccct	ttcacaaaaa	atttggangg	ggggggcccn	ttttggngng	atnccacctt	780
ggaatcttga	a					791

<210> 3787

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

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<400> 3787
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tctttaattc aggaatcaca gttagatttc ttagaatcct tctttgtgct ccaagtatca 180
aagaccttat ggggctcccc agccataatg gaaaaagtaa tttctttaac aggggagaca 240
ccagagcaag agcggagatg ggggtacgag ggggtcctca tttatgcagc tggccagagc 300
tctcatcca acccggggct tagtgagggtg acagatgtga tgttggtgcaa tgtagtcttc 360
cttttctttt tttttttttt tctgaggcag agtctcgtc tgtcacccaa gctggaacgc 420
agtggcgtga tctcagctcg ctgcaacctc tgtctcctgg gttcaagcga ttccccagcc 480
tcagcctccc agcacttttg gaggtgagg tgggtggatc acttgaggtc aggggttcga 540
gaccagcctg ccaacatggt gaaactccat ctctactaaa aatacaaaaa ctggccangt 600
gtggtggcgt gtgcctgtaa tcccactact caggangcag aaggcaggaa aaatcacttt 660
gaaaatcang aaggcngagg ttgcaantga ncctgaanat ggcaccactg cactgtancc 720
ttgggcaaca gggcaagaac tccatcaaaa aaaaaaaaaa aaat 764

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<210> 3788

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

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<400> 3788
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cacgagccac tgctacagcc ttagtcocaga nttttctctt tctcttatct aggctgttan 120
tatagcctan taaatgttcc gggccctcca gtctatttgt cattcaatca cttgtttcag 180
aaatattact aggcacttat tttatgccat ggcacaatc taggtgctga agacgacaca 240
gctgcgaata aaacagacat gggacctgtt cttgtggagc ttatacttta gtgcgtagag 300
aaactaaaca gagaggtatg aaagatagtg atgggacata attctactga aggttggtg 360
atcaaagaag ctttgctgaa gagatttggt ttgatgttggt tattttctaa aaacagatga 420
ccaatatggt taaatttggt tctgagggag aaggtaacat gagatgagct cagataatta 480
gacaggggcc agatcattta tatgcaaatt agattatgag ataacagaat ggtatatttc 540
cctcactcta tttactgcag caaatctctc cttagttgat gagactgtgt ttatctcctt 600
ttaaaccct acctatcctg aatggtctgt cattgtctgc ctttaaaatc cttcctcttt 660
cttctctctc tattctctaa ataatggatg gggctaagtt ataccctaaag ctcactttac 720
aaaatatttn ctcagtcttt tgcagaaaaa accaant 757

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<210> 3789

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(926)

<223> n = A,T,C or G

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<400> 3789
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actatnatgt aannnagacn tncgcttana tatatcgnc nnnnanannc nngtngtatn 120
atnannagng tgnctaattn gncanaaacg cctnnactga ggnacttgta nntntttgca 180
ngnnccnann gannncgaac aaatccatct tgtaatgaac ggnggaaaag ggccagcgag 240
accacacagc acatcaatgc catcaagcgg gagattgatg tgaccaagga ggccctgaat 300
ttccagaagt cactacggga gaagcaaggc aagtacgaaa acaaggggct gatgatcatc 360

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gatgaggaag	aattcctgct	ctcaag	ctcaaagacc	tcaagaagca	cganc	420
gagtaccang	acctgcgtga	atggct	gatatccagt	attgccagca	agtggat	480
caagtgtcgc	caccgcctgn	tcattggaatt	ttgacatctg	gtacaatgag	ncctttgtca	540
tccctganga	catgcagatn	gcactgaaag	ccaggcggca	gcacccggnc	aggcattggt	600
ccntgtgaac	aggattgtgt	ctctggggaga	agatgaccca	ggacaanatt	cagccaanct	660
gcagcagagg	gtngctttcc	tggagggccc	ctgattccat	ctgctttnan	aatgccaaag	720
tnaanataga	gcntnaagca	taattacttg	aaaaccattg	atgggccttc	agnngggcccc	780
atagaaaaat	nanaacctnn	ttgnncagtt	ccttnangga	aaaagancag	nnactcctac	840
cntacttggt	agtggggagct	gnttcaacca	cnntgnccaa	aaactngtan	ccccctttta	900
nttcnattgn	tgggacccca	nncang				926

<210> 3790

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3790

gnnncntttt	gaatncanat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcattagt	taagtgcagg	taattgcttc	attaggacat	atgtattgaa	120
ggagggagg	caagtctata	gcatggtgat	aaaaacaggc	ctcaccctct	ttctctaccc	180
acacaggag	catctcagct	tgacttcagg	gatccaggag	ccaccagcca	ccctgtaaac	240
agcccagatt	aatcctgggt	ttcagtgtca	tgggaggaag	gaaggatgac	ctagtaaaga	300
gcaacttact	tactttcttt	gggggtgtaa	ctcattgctg	aactctggat	ggcactgggt	360
cgttcaaggc	aatgtgattg	aatcattggg	gattattact	gaattaggga	gcaaagtatt	420
cttatggaag	ctgtatgctt	tctgaggctc	accaggccgg	atggcatgag	ccctatcctc	480
tgtttgagtt	atttgactgg	ctttttaagg	gagtctccat	tttcattctg	gccatgacag	540
atcaagaggt	tatattctcc	catcagacct	tactactttc	ctgtagagtt	gaatattatt	600
ctgattttat	gccatgtctg	tgaatgtctt	tgtgtgcacc	ctacctagtt	atgcactctc	660
tctttcaaaa	gcatgttaaa	agatccaata	gtaaattgatt	ctgcttatat	gaagctacta	720
aagtagtcaa	attcatagaa	agtagaatgg	gtgg			754

<210> 3791

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3791

gnnncntttt	gaatncacat	acangctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggttactga	tggagagagc	agagaagctg	gtgtttgcag	tcccatctgt	120
cagccttgac	accctactc	ctgtccagcc	agtgtttctc	aaagcgtgct	gatgagcaat	180
gcaagatgat	ttcatgttat	agataagaat	aaaaaaattg	ttttgtgttt	aactcaaatt	240
agaaaaaggc	aacaattggt	atgtgcgacc	tgtggttttg	cagatgatac	tgttaggat	300
gttggtactt	aagaaaagg	caacttttca	aaaatactat	tagtgacatg	tggacctagt	360
cctcctgaag	aggactacat	tggggcaccg	gtaattgttt	ctatttgcgg	tactctggct	420
gtgtggctct	ggccacgcca	ctggaggcag	tgtctgagcc	tgtgacttga	gtagtagctc	480
tgtgtcatgt	ctgctgattc	tccccaaatc	ctgaagattc	atgatgaagt	gactgccggc	540
ttggtctgaa	ctagattgaa	aacaataagg	atcccagaac	gatagcactt	tacaatccta	600

taattttggc tcaaattgcc	gttact atcttaaccc	tgctgttat	attgag	660
caccaaagtt tttcagtc	gtgagta attattctct	gggattgaat	gaaatag	720
taaatatttc cactatgcaa	tcaattggtg			750

<210> 3792  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3792		
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gcacgagcaa gaattgctgc tgctgttttt	tttttaattt ttttttttat	ttttaagac 120
tttctacct tctcattgag agagagaaag	atgccagag ttaaaatagg	aggtgcttgg 180
gtattttgtt gaacttcaca agttaaactg	gcgaatggcg tccatcagct	gttattcagt 240
ccttgaacag agcagatatg tttgtgcgag	gacaaagaag atgcctcaaa	gacaaagaag 300
aagatgcctc gtcgtcccct gagctccac	acggcatctg cacatcacca	gctcagcatt 360
tagcacactg gattgacact gccatgttag	gtgaggtgac ggcattgccct	agagtgaagg 420
aatctacagc aatatgatag ctaaagtcca	catgaagttc tggattggat	cctggattgg 480
gaaaaaacat ggctctaaag ggcagtattg	ggacaattgg tgaaatttaa	atgtagtcta 540
tgtattangg gataatgctg ttatcaatta	tacatttctt tctgttataa	ttgtccttgg 600
tcacaccagg aaatgtcctt attaggagac	gcatgcagaa gtcttttagg	gatgaggact 660
tactgcagct tattctcaaa tgtttatata	taagggtgaca aaaattaaga	aattggtcaa 720
tcttggtgaa aagtttatga agagttaaagt		750

<210> 3793  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 3793		
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ttcggcacga gcctaggcgt agtcatttct	ttattagtcc ttactttatt	tttcaaagtt 120
acgtaataaaa tgtctatggt tctaagctat	cttttagattt gtaaaagggc	taaaatgtta 180
cttttaaaaca tgtttggttt attcaaattt	gtttataaat ctctcctttg	tacccttggc 240
taccacccct cccactcct ctgcctaaaa	ctaagggaaa atcctgtctt	tgcccatagc 300
ttcagaatgt tctgcaattt tagactttta	cttttaactg atcactgtta	agcaagggag 360
gaaatttacc acttctcttt gtgatgtaat	attgcacagt gaccctaagt	ggaagccttc 420
ctgtgtcctg gatgtgagct ctgcgctgtc	agtggttggc ttgtaagctc	tggtccaag 480
tggtctgagg tgcaaggaac cgatcttgtg	cagtagaaag agcttttggg	agttggcaag 540
tagcaaggct agttctcata cattctatgc	tctggccacc tttttctgtg	gcaggaaaac 600
aaaacaggca aatgcacaca aactgggtac	atttaacttt gctccttgag	ccatctncca 660
agccatttag ctttggtatg cctcaatttg	gaacaaggga acaaacaaaa	tcatgatgat 720
aacgatgatg accccagtcg tccttactaa	t	751

<210> 3794  
 <211> 749  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

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gcacgagatt	gcttctgttt	taatggtaat	ttgtctaatt	gtaaaaatac	cgaagtagtg	120
attccaagtt	agaaagtagt	gatccctaag	aacagttgga	gaaacatatg	gtttgttcta	180
tagctgtaag	cggtaatttt	gaagcaattt	tgaaagcatt	ctttcccttt	aagaaaaaaa	240
tagtttctta	ctgaaatgac	tttttaggat	gtcttgaaaa	acgtagtga	attcatctag	300
aaacttacaa	ggttgatgct	agccatcaca	tgcatgctgc	aatttgctga	aatgtcttga	360
tccaggggag	ctaaactttt	acaaaaatag	gtttgttttag	aagtcatatc	actacatgaa	420
aatcaccac	ttttgaaact	tacggttaaa	ggcagtttct	cttttaaaaa	tgtgctcatt	480
gattattccc	acccaaatag	ccagaatatt	ttgtaattac	ccattaccac	tcctaccatc	540
tgaaacgtgc	atgaaaaaaa	tgaaaaattg	acttcatctg	aaaagagttg	tgtcatgata	600
tatgaaacgt	tttttgtaac	ctccaggaag	gaacattgca	atttttccat	ttcagatcgc	660
ctttgttttg	ccattctcta	cagcagacca	aagagtgcac	caaatgtaca	ttatttcagc	720
atagataatg	acttgaatat	gagaagtaa				749

<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

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aacaaaaatt	cccataaaaa	aaatagatgt	ttctnecatg	ttgagcatat	atggatttca	120
tttttaatat	gattgtagaa	acattagatt	taaagcatat	tgaaaaagaa	aacagtatat	180
tctttaggag	cttcaaaaaa	gggttttggt	ttagttcaaa	gggtgaaaga	agatctttta	240
ttattttggt	aaataacttc	taaggaaaca	aaccaccctc	acatgcacta	tctcatttgt	300
atttctgtca	attctgaaag	gccagcattt	ggccagtatt	atttgaatct	gtattgtatt	360
ttttaaccag	aagaatgaag	gtttatagct	tcattctttt	ggaagaggag	gctggagacc	420
acaggttaaa	tgcaaggtag	tcgctcttgg	cgggccctgg	cagggtcctt	tctccctcct	480
tttacacgcy	cagacaaagc	ttgtggatgc	tcaataagga	cagctgccgt	ttggacagag	540
attaatcatt	tatttgtgaa	ggttttttct	gccttgcttt	cttgggtctt	tttaaactct	600
cacattgggt	tgatcccaaa	atgtttgtgt	tgtccttact	caaaactagg	aaaaacaaat	660
tatgtggtaa	gaagctcaga	gccacttact	taaatctcaa	ctagatttat	ttgtgagaac	720
atctgttttc	tgatatttta	nacacttcct	ctt			753

<210> 3796

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

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<400> 3796
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ttcggcacga gacagcattc gctgaccatt ctctcctcc accaccaag gacaggaggg 120
ctaaccagg cagagaacct acgctgagaa ctcaccacca gaaaaaatat ctgcttttaa 180
aagcacagt cacaatagta ctttttaaaa gctaaaagag ctaagttaa agttaaagac 240
acgtatgttc tttgacacag atctcctaaa agtctgacaa aattagaagt accagcacat 300
aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacccatgac tatctcaata 360
ggacaatgac aggatacaca atggtttatc atgcctgac ctgcgagcag tgaccaagaa 420
ggagggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat 480
catgatgagc ccattggaag ttgaaaatgc cgtaatgaa aagtgcattg caaactggga 540
gctgctgccg ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc 600
ttttgcacca ttgtaaaaag ccacaaaatc atataggtcg aaccattaag tcagagaccc 660
tctgtgcata gacttggcat tggcccatga caagtgaaa gagtaagcta cagaataata 720
ttcatccatt cttcattttt ataaaaccac ttttt 755

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<210> 3797

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3797

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gaattcggca cgaggttacc tggggggcnt ntgggacgtc aacagccaga tgctgacgg 120
gctcagagcc ttcccttgtc ggagccggct cggggacgca gagactgcag ctgccatcga 180
agaggagatc taccagagcc tgttctctgc gggcctgtcc ctgggtgggt ggtaccacag 240
ccaccacac agcccggcgc tgccatctct gcaggacatc gacgcacaga tggactacca 300
gctgcggctg cagggctcca gcaatggctt ccagccctgc ctgcctctgc tctgctcccc 360
ttactattct ggcaaccag gccccgagtc caagatctcg cttttctggg tgatgcctcc 420
tcccagcaa aggccagtg actatggcat ccccatggat gtggagatgg cctacgtcca 480
ggacagcttc ctgaccaatg acatccttca cgagatgat ctgctggtgg agttctacaa 540
gggttcccct gacctcgtga ggctccagga accctggacc aggagcacac ctactngaca 600
agcttaagat ctcttggtc agcaggacgc ccaaggacca gacctgtgtc aacgtnctgg 660
aacaagtgtg ccggcgtntc tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc 720
aattgtcttg aaggtccgga tggct 745

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<210> 3798

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3798

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ggaaatccct ctctgacca cttgtcagaa atcagaaagt gtggaagaag aaaatattag 120
ttacctaat gagagtcttg gggaagagt ggattcctct gaagaagagg actctatgg 180
gcccaactta tcgctcttg agagtcttg ctggcagggt aagtgccttt taaaatattc 240
cacaacttgg aaacctttaa atcctaattc ctggttgat catgctaaac tgttgatcc 300
aagcacacca gtccatatac ttcgagagat aggtctaaga ctctcccatt gttcccattg 360

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tgtcccaaaa	ctggaaccaa	tgaatg	gccccctctg	gcctcttggtg	cccacc	420
ttttcaaaag	cctcttacaa	gagccg	gctctctaga	gatcatgcca	aaatgg	480
agcactgcaa	tttgccacca	aacagctaag	ccgaacattg	agtagagcca	ctcccatacc	540
tgaataccta	aaacagatcc	ctaattcatg	tgtttctggg	tgttgctgtg	gctggctgac	600
taaaanagtt	aangaaacaa	cttgactga	ccccattaac	actantttat	ttttacattg	660
gncttccaaa	agggcaggtt	naacaaactc	cntaacttgg	anttccttgg	aaaaaaaccn	720
nccntttggc	ctctgaanat	ctnnngnngn	gggctaaatt	gganaaaagn	gggtcccaaa	780
at						784

<210> 3799  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

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gaggacaaaag	caaaacatca	acattaagtc	ataggctagg	attatacaaa	tgagaacccc	120
caccttatac	attacttaat	ataagttaac	tacaaagagc	ctctccactt	acatttttat	180
catgcatctt	acattttaat	gtccttattc	ttttatagaa	aaggtcataa	taccaataaa	240
aaaagaatct	gtaatatccc	tgatgcagca	acaattgatc	acatgctttc	acatgtgacc	300
acaataggaa	taaaataaca	gcgtaaagaa	atttgaaagt	tgtattacat	cattattcac	360
tgttcaaaaa	tttttttcaa	gaaacaagta	cactttcaat	gaaattacaa	tgcttcagaa	420
aatctccctt	ttaaagttat	atacaaaaac	agctttagtt	gtggattcat	ttttatactc	480
aatactctga	tttagtgtaa	tgtctgaagt	gtcagtgect	tattctagt	taaattctca	540
tatttacgta	aaatcaat	tgaattaaat	atTTTTTTTca	tatttacatc	tgcaaaaata	600
tacttttagta	taaactctct	gatgttttct	aagctataga	ttttgaaaaa	aaaagtcttt	660
ccaaattcat	tatatattgca	ggactcttct	ncaatataaa	ttccatgatg	tggaataaag	720
ctggagcaac	tgcttcangt	tttctcttag				750

<210> 3800  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

gaaattcata	canctacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
atctgttact	acttcagaaa	ttgctgggtg	atgttaggcc	cctcctatct	gtgctctctc	120
agctacagtt	tcccgtttga	gcatattcat	tcttttttat	ttttgctctg	aacaaaaata	180
ttagagttac	aatattacta	tattccaggc	cttgctagaa	actggggata	aatctatgaa	240
tatggctcgt	tccctggaag	acctcacagt	ccagggaagc	caaaccctgc	agacatgcag	300
tagacttagt	ggctctctct	aagggttgctt	gttgagtttt	gacattggag	attatgtaca	360
gacttgaatg	actagttagc	ctcaggcaca	gcattctgtt	tggnnttggg	gggggggggn	420
aantactgcc	tctcagcctg	ggcaagtcac	ttagagatcg	cctcgtcact	ctnccatcct	480
ttgctgatgc	ctctgggtcta	ntacctctga	ctcagcttcg	ccttttagaga	tactcatgct	540
ttctggcaac	agaggtcctt	caaaccctaa	ttcctattaa	aacttccatc	acttaccgcc	600
cttctttttc	aaggggacca	agccagnttt	attnccccca	ttttnccagg	tnacttggtc	660
ccttgggccc	aanaatgtgg	tggaaaattt	ttggggcaaa	attccccntt	ttttcccttn	720

<210> 3801  
<211> 785  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(785)  
<223> n = A,T,C or G

```
<400> 3801
gntnaatttc aaagacgctn ttgttctntt ngatgntcnn ancgactcta nttcngcacg      60
agtggcagtg ggagtcgaag cgaggggtctg aagttcacga ctactagaag gggagggggag      120
tggaaggct ctcagtgaag aangtattan aattatttct gaattatcag tctctcattt      180
gtgctttgga gaagcanaaa aggcaaaagg ggtctttggc catcttctgc tggagcttcc      240
agggaggatg tgtctccaan agaccagatg tccgagtttg aaatcccaga acccangagg      300
aaaagaatca cagggaggaa aagactgtcc aaaggctcct ggagtcttct gttctctaac      360
cttggangt tttgaacaat atttctcana ngatagccct ttttttccaa cctttttttt      420
ttntcatctg tccagcatga ctcatcccc gggagtggtt gaatgtcttg tctttcaccc      480
aagaaaggac ggacttttgc attgggcttg taaatttggc ccactgggtg cttaatggga      540
agtataaaaa agagtctntt cttaccatgc cggggaacct anaaattacc atcactggcg      600
tttttttngc ttttggttct tcaatggggt tggtaggggt attgaaatta tttantttnc      660
caanaaata aaaaaatggg attttttaaa aaaatttttc atcccccggn nnaanttttt      720
ngnnnnnngn nttggaanng ncnngncn ntattnannc tttnnnttt nnnnnccntt      780
ttttt                                           785
```

<210> 3802  
<211> 751  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(751)  
<223> n = A,T,C or G

```
<400> 3802
gttgantttg aancctctt gttcttttgg aaggctccca tcgattcgaa ttcggcacga      60
gagatgttat aaaatgtgta ggcttttaaat atataagtta tttgggctcc tttgttttgg      120
gcatacttna aacagaagaa aacccttctt gggggcagaa aagctagaac tggatatcac      180
agttccctct ggggtgggctg ctatgtgtca attcgatctc cttaaaagaa aatngtggtg      240
gcctaaaata gggcttttct ttaccacaag ttagatccct ggcagcaatc tacttctcga      300
aacagaataa ccattcaact atgacagcta tcttaaaatc atagactgta aataatattg      360
gggcacttct acatatcata gaaaataatg tttcaaccag aaaacatctt acctttttaa      420
agctttccnc cccctaaag aaagacatcc aatagaagtt gccacttctc catttatcaa      480
aagtaaaatc tacttccatg taggnccggc nacttctttt taccttncag tcaattctta      540
actattttaa gactaaaaca aaataactta tctgnntttc cattttacta cagtaaatgg      600
gtattaaaaa tagttcacat ggcttttctt tttaaattca aaagggtatt aacctgggat      660
ggtggaaaaa cccaccttta nccacacctc cttaaaaaata ccttaacctt aacttnttta      720
aaaccaattt acccaganca actngggggc t                                           751
```

<210> 3803  
<211> 750  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3803  
 cttaattcca tcagctactt gttctttgna agcattccat cgattcgaat ttcggcacga 60  
 ggccatcctt ctctctggct gtagactgag gcttttctct tgcttcaagt cagagcagna 120  
 tttgttgatn acctmcaat aatgtttggn nnacatgcc ntnattaaat taattcaaca 180  
 tgaagttgaa tttgatgaaa gtggatcatcg tatccangta ttnggctttt gaangttttg 240  
 cangtnaatg gagatggaac tcnccctgnc acacacnctg aactncantg gtgcaatctt 300  
 tgnctcactg caacctccgn cactgggctg gagcaattcc cctgcctcan ccttnaanta 360  
 gctggaatta caggcatgtg tcaccananc cggggggtta aaattntttt ttttnatttg 420  
 agggaaaagcn gggtcacat gtaggcatgc tggntnctnaa cccctgacct nangtgatcc 480  
 acctgncntt ggccttcaag gngctgggat tacaagctta aancaccatg tcagccagcc 540  
 aagtattngg nttttnaaaa atttganntt tcntttgctc aaagggaata naattttcct 600  
 nctgggtnaa aaagaaacct tttnaagcc cnccttntt ttcaaaaanaa aaaattttta 660  
 anttctnttt gggnggtaaa acctggcctt naaaaccctt ttnacttggg caaaataaat 720  
 ttttaatttt ttnccctt tnanttttt 750

<210> 3804  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 3804  
 ttnatttcga nactnctctt gttctttttg caggcatccc atcgattcgc ccagctacat 60  
 gggaggctga ggcaggagna atcacttgaa cctgngagggt ggagggtgca gtgagccaag 120  
 attgcgccat gcctgcagcc tggcacggcc agngnctcct tgtcaaaaaa aaaaaattaa 180  
 tnaatgcctt tggctaaacg taaaagcctt tnttggacca ncttaatgct taaaatctgt 240  
 tttngttcca ggtgggtgt taacaggagac tcattttttt ggtcttggat anggatcccg 300  
 gctactcaaa cagaaaatgg aaggaggaat ctgggttaaag aaaacaccag tntccagaat 360  
 ggtgaagntt tggnaagaaa actcctttct tgctcaaaga aaaatttaaa aggttnggnc 420  
 cttttcccaa aaaanccna cacttttttt tttcttgant gaangggctt taaaatttct 480  
 tnggaaatag ttttaccaaa aatgggattt aaaaaaatcc taccgatcaa gatgagttca 540  
 gctagnaagt cntnccnct caggatcagc ttaagtattt tacttgattt ttttaccaaa 600  
 tcaatgcncg tacctacctt aatccttnaa ataagtttan aatttaccta accccaaagt 660  
 ccaggagggt gttnttacc aaaaatagct ttntcaaggg ctggcnccta a 711

<210> 3805  
 <211> 668  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 3805  
 tganttcaat ccgctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60  
 gtggatcatc ctacctgtt cctaacttta gggagaaaga atttgcctt caatgagtaa 120

gtctgatgtt	acctntggga	ttggtn	natgctcttt	atgtgtttga	aatcct	180
gtctactcta	gttttttagga	angnccc	tngaatcgg	gttgnatact	cgatat	240
canaatngct	atggngngng	ncnngnttat	ncncattaag	ctcggaaata	ngtgggtg	300
cgacatcaca	atgaccnata	cantactgna	ngggccctag	cnccaatcc	ttanggttcc	360
nnncatttnt	tctggctcng	aatcaactgc	atggncantn	ngccccccna	nnngaantan	420
ggaaggannn	tcacataggt	acatgtgact	atccttactn	aatctggctn	taaaaacatg	480
gtcctnnaca	tnaacatntt	anancatact	ttgcagatnt	ttgcggnctg	cnctgaaatg	540
tcccataaac	aacntnntta	cttnanggaa	aaaanatact	ccatgggggn	naaanaacca	600
tggaggaang	aaggnaaagg	gccccncatg	cnctgcang	tttancaagg	gcagnttatt	660
tattctta						668

<210> 3806

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3806

tgatttccat	nnngntacnt	gtctttntgc	aggatcccat	cgattcgaat	tcggcacgag	60
gactagaaaag	aggccctgcc	ctctagaaaag	ctcagatctt	ggcttctgtt	actcatactc	120
gggtgggctc	cttatcagat	gcctaaaacn	tnttgccctaa	agctcgatgg	gttctggagg	180
acagtgtggg	cttgncacag	gcctacagtc	tgagggagg	gagtgggagt	ctcatcaanc	240
tnttnggtct	tggcnttatg	gnaccactg	ctcacccttc	aacatgcctg	gtttacgcac	300
natcttgntc	atgggaagag	gtnggtggna	gactctcana	gctcaagatg	ctnagagaga	360
aagntccctg	aactgggccc	atctgacttt	ctacctacce	cattggtttt	tttggcncct	420
tttntcccac	tcaatanctt	ctggcagnat	nctcctgagc	cacatgtgcc	angtactgga	480
aaaacctnca	tctttggcnt	cccaagagct	ntanggactc	ttcatcagca	ctagatttgc	540
ctcntctaag	tntctatgan	ctcgcaccat	attnnataaa	ttgggaatgg	ggtttggggg	600
atttatgcnn	ncctataaaa	actatactga	gtcgtntttc	gnananncaa	nacnttataa	660
gnatncattt	gatnnanttt	ggcccccccc	ccttcttana	attnggn		707

<210> 3807

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 3807

ttanttccat	acagctcttg	tctttgtgca	ngatcccatc	gattcgaatt	cggcacgagg	60
tttgtataaa	ggttgtcagt	ttaatatcca	agcaattaat	aaagacaagg	tgtgagtttt	120
tctgttaatg	cacctctgtc	tttaatgtgg	aancaccgta	taaccatgca	tcttaccata	180
attgggggtgc	atgtctgtgg	tacatgggca	caaacatttt	tctttcagcc	ttgtaatcac	240
atctccaagt	aatctaagca	aaaaagaagc	aaaatctaag	ccagtggaca	tgctganggc	300
tatcttaagg	gcttctggaa	tgacaaaggc	cagaaatcca	tcttcatatc	atTTTTTTTT	360
tttttggaat	cnaggtcttg	ctattgttgc	ccaagcttaa	aaaaattggc	ccgggggggn	420
ngcttttcna	ggngcnanat	agttaatgna	tcctttaacc	tcctgggggt	aaanganccc	480
cctgcctcaa	nccttttggg	gaacttggga	cccaaggngc	nccnccccac	ctgggaantt	540
taaaagcatt	tttatataaa	aaggggaagg	tgggctgtng	ncttttcctn	tttacctttt	600
aaaccgggga	atcaaaaaan	aaggggcaag	nggggatttc	gggccataca	agccnggggt	660

tggggtccct ggggggaaca

tttttt ttttttta

698

<210> 3808

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 3808

ttccatcngc	tcttggtttt	tgccaggatcc	ctcgattcga	attcggcacg	agacactggg	60
ctcaggggct	gagccattgt	tggttgctat	tacttggtgt	gggaaccaat	anggaacaga	120
aaacaancaa	aacactaacc	agagaancgg	gcttattgaa	tnctttgcac	ctaagaagat	180
taagaggaaa	aggaggaggt	tagagttggt	gccntctgct	cctccggtgt	ctgagtgttg	240
ataagaaaga	tagatgttag	anggtagcag	aattgtgttg	caagaattaa	agccaccagc	300
agatgagact	tggaacctaa	ccaattcccc	aggagaacct	gtgaaaaatt	aatgtcttga	360
agtaatggac	atcaaaaagga	gcacttattt	tttggaattt	ggnaaaangc	tctagatcct	420
taggaggatc	tattttgctc	atttgnggt	gagaaactan	attcaaagag	ataagtactt	480
gctcatcatt	agtatggcag	agccaaatca	actagatgta	acntgtctta	aacaccgact	540
gtaatgnaat	ctataactnt	actggagatc	tncaataaca	gcctcagtga	ccttgaaacc	600
cncagtngtt	agtaaataatc	ctgggtttcc	tgatttagc			639

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3809

nntttgaant	ccaatanata	tatngctant	tgtgcttnat	gccntangat	tcgaattcgg	60
cacgagccta	cctcaccagg	ttgtcgtggg	gagtgaacaa	ggtgagtggc	cctcacctac	120
agactcaaca	tatggccttt	ggctcttccc	acttccaaga	gtcttggaag	ggatgggtcg	180
agcaagcaga	ggaaaggaag	atgtgagttc	ccaaaatgct	cctcaccttt	ttcttctgag	240
tggtgctcct	ctcactgcat	tggaagggtt	gcggcganc	atggctctcc	accctgggag	300
actccgtccc	tgctctctta	ggtgtcaaga	tcagaggcct	cttgcttacc	taccagactg	360
cccgggggca	cggcatgaac	cgagccttca	gcttgccaac	nttcnttggg	aacctttttg	420
gnntgaattg	caanttgagg	gtgcnggcca	tggaaccccc	ggcagcaacc	agcatacaag	480
aagcccttgn	cacgtgacct	actcttacag	caatcgagc	cctgccggcc	ctanggagga	540
aggaagtcca	acttcagtct	cagagattct	gatgcagtat	atcaattgng	ggttggtgtg	600
ggccaagaat	ttttaataac	ttttnaagata	acctttcttt	gggtattttac	caaaaagccn	660
aacttggtan	tttggtcaat	acaaaattttt	cacaaaaacc	ccctttaaan	ccaaaaaaa	720
aaatttt						727

<210> 3810

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(728)  
<223> n = A,T,C or G

```
<400> 3810
nttcnntttg aanccttaca nctcttgttc ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggtcg tcggttttct gaggttactt cagctgacag agagattcag agaacgttaa      120
tgagaggaat atttggtaaa ggggttttat aaagaaacca atgtttatta aatgaagaac      180
tgaacattgc atatttgata gtcaaaatat atagaacatt ttaaataaaa tatgaaattt      240
gaaaatattg tcaggaacaa acatgtttct ctatcacaaa ctctaagaaa atgactactg      300
gaaaataagg ctatctgcc aattccattt ggtatacacc tgtactattc tgtgtttttt      360
gagtagatca gtcattcata tatttaaatt cttatgaatg tggaatcctt ttgggccggn      420
gcgagttagt aagacatttt tgnnatggca tattaagact gttggcaata aatgagctta      480
attatgtatg aagctgctct aaaaattatt ttttctctca ctttattgct gagactgagg      540
caactnaaat agntttgata attggaagan gatnnatgac agaataaaaa gaatgcctta      600
aaggnccttt ccttccnagt ttttaccctt tccccactt cccaaaaatt cttntggaaa      660
aggtggaatn ttcaaaaaat tnccaaanta ccattttttc ccacctttca aaattgggaa      720
aacntagg                                           728
```

<210> 3811  
<211> 931  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(931)  
<223> n = A,T,C or G

```
<400> 3811
gnntnannac ngaaactntt naactcctgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg tggctgttaa gaaaacantg gttttttctt ttaaggatgat catttcatgt      120
tcctatggtg tggatgcatg tagacctttt angaaacagt taatgaagtt taatctgctt      180
atgtggaagg aaaaggtttg aatggaaaag gcttcttggc atgcaacgga anccgccctg      240
cttttcccc gatgtgtcta tttaggaaca tttctgtgac acttgccctg gcgtctgcaa      300
cctgctacgt ngctccttga tgganggaan aagcctggcc gtggtanagg gaaagctgag      360
ctctgttggg aaaatgagag ttcctatttg agaaatgcct ctgggcaacn tgnctggcct      420
ttncnnnaaa ngtttggggg ccgacatagg ctgtgtacaa gccanagtcn aaggtattaa      480
aacctaacca gccantgcag aagtcagntt gggaggttcc nggaaagtgc ctaaaactaag      540
gccnnaaaag gaccaaangg gcccggncc cccaggggta nttaaaaaaa ttaaaaaaaa      600
tccanccct ccaaaggnc cttaatntt ncaantttt cccctgggcc ccttaattcc      660
ccaattcct tnggncctt tngggggaag agcccnttna aaattttngg gcccancctc      720
cctttttgg ccntttnaaa aaaaaggngt gggnaaangg gggntttttt tttttttggg      780
ncctttccaa attgggggna aaaaaagggc ccttgggccc cctttaaaaa gggggggccc      840
ttggggtnaa ncctttccaa ccntttaatt tcccccccaa nttttaaaatt ttttgncccc      900
tttaattttt aaaaatncct tnccccccat n                                           931
```

<210> 3812  
<211> 798  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(798)  
<223> n = A,T,C or G

<400> 3812

gggcentnecg	tnaaccccttt	gctaccc	gnnctttttg	caggatccca	tttcgaa	60
ttcggcacga	gnaaagaact	cgggcag	caatncnttt	aagtaaggaa	aggttagg	120
agataattgt	ggtaatccag	ggaaagaaag	atggcagttt	atactggggc	attgccagtg	180
tggatagaaa	tagatctcag	agaattttta	ggaagtagaa	gtggcaaaac	ttggtgactg	240
aattgtgagg	gcagaagtgg	gagaaatcaa	ggatagagtt	tcttaaaca	gctttggtga	300
agacagggac	taccctat	gctgtcatgt	atccacagct	tagcacaat	ctttatacgc	360
tggagatgct	tgataagtac	cgagtgaat	tttctggctt	gagtacccan	ataaatggga	420
tgccagtctc	tgatttaggt	aacacagagg	cagactcact	tgggaggtaa	ctggtgattc	480
anttttaaac	atgtctagct	caacatgcct	gtgaaacata	cacatgacaa	tgtccagata	540
cattggcaat	tnggatgaat	tgatttctgn	aactcaanaa	agagaggtct	gagatgggat	600
tctttgcata	ccttaccaaa	aaaaaaaaag	ttntgtttt	tttngnaant	naacncgntt	660
ttntggccnt	gttaatccca	ntnctttng	gggagggcna	ngnncggggg	ngtnnnccna	720
agggntcngg	nntttaanan	ccntccccan	cccaaatag	gngnaaaac	cctttttttt	780
tttaaaaaaa	aaccttcn					798

<210> 3813

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3813

atganncttt	tacaantac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggagaatc	ttatatTTTT	aaaattgtcc	ctatgttaaa	tccagatggt	gtcatcaatg	120
gaaatcatcg	ctgttcttta	agtggagagg	atttgaatag	gcagtggcaa	agtccaagtc	180
cggatttaca	tcctacaatt	taccatgcta	aggggctgtt	gcaataactg	gctgcagtga	240
accgtttacc	cttggtttat	tgtgattatc	atggccattc	ccgaaagaag	aatgtattta	300
tgtatggttg	cagcatcaaa	gagacagtgt	ggcataccaa	tgataatgca	acttcatgtg	360
atgttgtgga	ggatacggga	tacaggacat	tgcctaagat	actgagccat	atcgccccag	420
cattttgcat	gagcagctgt	agcttcgtag	tggaaaaatc	taaag		465

<210> 3814

<211> 516

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(516)

<223> n = A,T,C or G

<400> 3814

ttcatttann	ctnttttttt	gcaggatccc	tcgattcgga	agagcttctg	caggggctga	60
gcagacccca	gggcctctta	gccaatcccc	gggcctgggtg	aagcaggcga	ancatatggt	120
cggagggcng	caactacctg	nacttgccgn	caagagtggg	caatcttttn	tgtctctcgg	180
gaangnceca	annctcctcc	cccaanttga	nanaaaaagn	aagttntggt	naaccancn	240
taagccataa	gttcccctgg	ggcccctggg	ganaaagnct	tcaatcacng	ggccaagggc	300
ttctggnecc	cattnattgn	cttggacaag	aactctgggt	cacaagtctt	gctnggtctt	360
gctgggggaan	cccnaccnga	cattggggcn	cagacttgct	ggtcttnttg	ggaagaaggg	420
caagacccca	aaccaagatc	caaaatacac	ttncagctct	taaccaaggc	ttntttcaa	480
gtcacaagtt	gttgcengaa	atcagtaaca	agaagt			516

<210> 3815

<211> 461  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(461)  
 <223> n = A,T,C or G

<400> 3815  
 attcattncna cnnctgggttc tttntgcnag atccctcgat tcgaattcgg cncgagagct 60  
 ggggggtgact acagctcacc tgcagctggt gagcaacttc aangcgtgag acccaggtgg 120  
 gccgggcctg gaccctgtg ccatggcaac nntgatattn cagangtntg nnntangcnc 180  
 atnactgttn nnggtnttn tctaggngc cttaanttan cacatcnnnn tncctcgnta 240  
 gnnnaaatgn cctcntatna gcatnccttc cttcnctgan tgntnnatga gagcatgatn 300  
 tataatgcct gaaagancct gggtnngnga ttatnnntna gttataaat nattctnanc 360  
 actatcacat gntgantgcc ctncctnacnc ncctngngna aagagaanac tgacaannng 420  
 gnntantnt antncctngc caanancnnn gttaccagcc t 461

<210> 3816  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(466)  
 <223> n = A,T,C or G

<400> 3816  
 tntacgttca agctcttgct ctttttgcag gatcccatcg attcgatgcg cttattaggt 60  
 attttatctt tcaaaaatat atgtncccaa ctgtgtttgt ttgtttcctg actgtgaaca 120  
 ctgaagagga ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtgt 180  
 gtgcagtga cttctgtagc acccaaattg tgggggttggg gaaaaacat tccaccttaa 240  
 aagaaaacca agcctttctg gcaaaattgc tgattctagg ttttggccaa gaaatgtaca 300  
 tgctgactgg aacattgcat aacagttagt aaggaggctg ttaaagacta tttagggtca 360  
 tttcagaaag actggagaaa tgactgtaga attcccatcg gccagagat cnggtagaaa 420  
 cctgtgaagt gtgtttaaat tcttgagttc ataattgggt ttttaa 466

<210> 3817  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 3817  
 tgcctntcag ctcttgttct ttttgcagga tcccatccga ttcgaattcg gcacgaggag 60  
 aaactgcatt ttgggggggt ttgaaatcca aagaatgcag tttgtaggca gtcgagatcc 120  
 ttgaaaaatc aagatggatt ttaataatgt attaagaata aattggattt gaatcaacac 180  
 aggaaacagg gattttactt agagactatt tcagtaattt tgaaatcatt gcccaagatt 240  
 gtagttggtt tgtttataat gggtaggtta tttatttgtg aatcccaa atgtntccatc 300  
 aacattccat tgaataattt acaaaagcaa acagcagggg tttatgtttc tcttctccta 360  
 gttnaatatt gtggcagcat atcatacttt gtttagact aatttaacag gagttaatgt 420



ttccaagtaa atcattatta taaacagt gtctttttn

459

<210> 3818

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3818

nnntnctan	tcaagctact	tgttcgcagg	atcccatcga	ttcgtnttca	tncanggggt	60
anatgaaaag	gcngaattga	ttttattnng	agccgtgnga	cgtgccgtca	gaggctntct	120
gtnccttcctc	ctcacttcag	cgcnnantgc	cacncccaan	aaacgggatt	ctaccngnct	180
gnnngcncgt	cggnnctgct	acctcnnngt	cccattgcac	gnntntcacn	ccaagaaaga	240
ggctnccttn	ctcnnntnct	tcattngtac	atagacnaat	ccccaaaaaa	nnatgaacnt	300
nagcgcaaga	gncnttgact	cccagggaga	tancgacngt	agctcttctt	cctcaaaata	360
atgcatgatg	atgcngcata	cacnttataa	ccaaantatg	ctngccttnt	aagcnnacgn	420
ctgtccntcc	nacactatna	gaggcngaag	cnnacntgat	ctcct		465

<210> 3819

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 3819

tannatcctt	ancnnnnnnc	tacttgttct	ttttgcagga	tcccatcgat	tcggcctaaa	60
attagagaat	tatctgctca	gtccttattc	ctgcagaata	caaatgtcac	attctaacct	120
gttaagagat	tgtcttcaaa	ataaaaactgt	tattaactac	attaatgtta	gacaaagtac	180
actttagggc	aaaaggcatt	attagggata	gatttcataa	tgatagagtt	ctatagtaga	240
atatagtaat	gcaactgaac	aaaatgaagc	tcattccact	gcatggaaga	atctcacaga	300
tgtgatgctg	aacaaaggaa	gccacgtaca	aacacttact	atataatttt	atgtacatca	360
agttcagaaa	caggatagtt	acctttggga	aggaggtaac	tgaaagagta	tgaggagggg	420
tttctggtat	ctgggttaatg	tactttgtac	cagttacceca	ggagtgttt		469

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 3820

gatnccaatc	anctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgaga	60
caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	gacatgatgg	120
aggatgttga	ngangtatat	gccggngaca	tntgtgcatt	gtttggcatt	gactgtgcta	180
gtggagacac	attcacagac	aaagccnaca	gcngcctttc	tatggagtca	attnatgtnc	240

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ctgatcctgt catttcaata n tgaagc cttctnacaa naacganctg g actttt 300
canaangnat ngnccggttt a tgaagaag atnccncatt tnaagtatac t gacactg 360
anaacnnnga gacagntctn tctggnatgg gagaattnc a cctgcaaatac tatgctcana 420
ngctggaaag atgagntntg gctgncttgt ntcacaggaa ag 462

<210> 3821
<211> 464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 3821
cttnnttaga tacagctact tgttcttttt gcaggatccc atcgattcga attcggcacg 60
aggattcatc ttcttggttct ttaaaagtca aaaggctttt tgacctttaa ataactctta 120
catctggtca tcaactgttga aatgtttctac taaattttca gagtggaaaa gttttaggct 180
taaaactgac tggtaaaaaat agaataatttc tttgtattga tttttcagta tagctgtaca 240
gccagttatc cttcggttaag tgtttcggta ttaaaactgc tcacatttgt aaatattgag 300
cagctttatt gtcagaacaa gaatcccttg gtttcccaat cccaacttt taacattgta 360
attaaacatc ctgtataacc tattttattc tctgccaaac aattttatga ctgctgtttt 420
tactctttgt gatgaaaatg ggatggagaa gataaggttc ttg 464

<210> 3822
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 3822
attncaatac aagctacttg ttcttttttg aggatcccat ccgattcgaa ttcggcacga 60
ggcantagct gtggggatgg agaaaagtgg acaaattaat tagagagatt tagaggcaga 120
ttggtgattg aattgagcag ggcagtgaga ggattcccag gtttctgact gaggtgtcta 180
agtggggatg gtgatgaaag ggggaatatt gggagaggat cacgtttgga gggagactaa 240
ggcaccatca gtattctaga gatttagaggg ctgtgagaga attgtgatan gagggattta 300
ctctttggca gatatccaag cgtggaaggc ctgtttgatg gactgtcctt gataatcaca 360
ggcaggtata ncctcaaggc tttgaggatg gctctaaagt acatttcaaa caccacctcc 420
tccacaaagc ctttctacta caactccatc ccctgagtag agt 463

<210> 3823
<211> 470
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 3823
anaatacctt tacaagctac ttgttctttt tgcaggatcc catcgattcg nananataan 60

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aangnnaaaa	tncagcaatg	gacaggc	tnnncctaa	nnnatctgcc	tgncatc	120
agagccnatg	tntctggcnt	ntctctggg	gntacattat	ttaggccant	ncanggc	180
caaccctcc	anctgnctan	tagangccat	gnccactngn	taattcaagg	gccagctcc	240
aggnnngttt	ncttctctng	gggancatca	gttnncttnt	nnntaccacg	ncattcccat	300
tngcatgttn	tngccgttn	tcttaataga	taatatnnaa	accctnattn	ctcncgctna	360
ctaantacca	tcattnatnn	agtaaaanat	ctnanaaaag	nngncaanch	agnngtnnt	420
gatnctnctc	ctccctccc	ccacctgtgt	ttttaanaga	caggattccn		470

<210> 3824  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(465)  
 <223> n = A,T,C or G

<400> 3824						
ttanttcnat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaattcata	aaaggagtta	gttgacgtca	tgtgtggcct	tgtctagaag	caaaaattat	120
aatatcaaaa	gctctacgta	tgaattgggc	cttaatgtct	ttgtactcat	ttattctttt	180
attgaaaaaa	agctctaaat	gcctattttg	tgtcacataa	ttgagatttg	ctttgaaatg	240
tctgattctt	tactatagta	ctatctgagt	tgttcacagt	ggtatggtga	tccatactct	300
gaactgttcc	attatctgga	attaaaggca	tataataaaa	agaaatagac	tgtatttagt	360
ttattctagt	gtaataaatt	gaaaagtaaa	tagatgatta	gaagcaagtg	ttccaaataa	420
aaatttatca	gcagtataac	aattctatca	ttcattccaa	cttgg		465

<210> 3825  
 <211> 460  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(460)  
 <223> n = A,T,C or G

<400> 3825						
cnttgnttcg	atacagctac	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggagagtct	cactctgttg	ctcaggttgg	agtgcaggca	tgtgatcata	gctcaccgaa	120
gcctcaacct	cctgagctca	agtgatcctc	ttgccttacc	tccaagtag	ctangaccac	180
agggtggcat	gaccacacct	ggctaagctt	aaaatttttc	tgtatangtg	gtgtctcact	240
atgttggcca	nactggtctc	agatgcctgg	gctcatagcn	gtcctcctgc	ctcaaccttc	300
caaaggctgt	tgattgttta	aatacgaaaa	antttagaan	atatantttt	acgcacttaa	360
ttnttagtct	ggtgatatac	catccaaaaa	gcntctnatg	ctgggcacng	ttgantcatg	420
cctattatnc	cagcacttng	ngaggccnan	gcnggangat			460

<210> 3826  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

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<400> 3826
nncnntttga ttcnatacan cttgttc tttttgcagg atccctcgat ttttttcgg 60
cacgaggctc aatcaatatt tattgagtgc ctacgacata tcaggctcag ttaggagctg 120
gggataaagc agtgaccaa gcagacacag ttccttctcc agtgagatta taatccagat 180
gggataggct ataaataaag gaagaagtta acatatatca ggtggtggtt agtgctgctg 240
agaaaaatga aggaggggag agagaaaagg ggatgccaca aggctagggt agagagttct 300
gtttcataca gtggttaaagg aaggcctttg tgttgagtgc tttgctctgg aacgacttta 360
ggatggggaa gaggcccagg tggcacctag acatttgaaa gtaagggtctg aggctgcatg 420
tctctaccta ttttttcttt catgtttgcc tttcatggat ttttttcta tgtatctaga 480
attaaatata gaactagggt gaaatatccc tcaaaaatgg tatgggagca actattagaa 540
tgaataggac tcttggggcc aatgggatgg aatgtctgtt tctggtcaag aggattgatt 600
ttgatactgg aatagaatat tcacatatat cttcccattg cctgactnca atgggtgcct 660
agctttccat caaagtggga cttggtgagg tggggatgtg gatgcatatt aattaaggta 720
cagctggcac cggcttaaat agaagggaag g 751

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<210> 3827
<211> 463
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

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<400> 3827
tnncnttcan acangctact tgttcttttt gcaggatccc atcgattcga attcggcacg 60
agaaacgacc acctttacga gaattctttg tcatgactt tgaagaatta ttagaagggtg 120
agagaactct ttaccacacg tttcttccag atgctcctat ggtcccgtaa acaatgatat 180
ttttttctgc aaggctatth tactttttta gagcagtaat cgtggcattt gccgcatgat 240
gggaacccan gtagggagcg ggtgatgttc ccaggcagcc ttggtgtcgg cagggtctcta 300
aacctggttg ttagtcgtcc tctgtgggag ttgattttgt tctgtgaccc aggtcagggtc 360
tctctctaag aactctgtaa gagtatagaa atacaagtaa agtataaaca tgtagaaaaa 420
caagtaaaact ggggaaatcc ttcgctggca gcaaaaactgg cgt 463

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<210> 3828
<211> 747
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

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<400> 3828
gcnmttgntt nnatacanct acttggtctt tttgcaggat cccatcgatt cgaattcggc 60
acgaggagtt ctcttggtt ttactctttt tacagtgaag ccagcagtggt gtgtagcagc 120
agtgacactg ggctctttac caatgatgaa gggcgacaag gtgatgacga acagagtgat 180
tggttctatg aaggagaatg tgtcccagga ttcactgtcc ctaatcttct gcccaagtgg 240
gctcctgatc attgttctga agtagaaaga atggattctg gattggataa attttcagat 300
tccacattcc ttttaccttc tcggccagct caaagagggt accatactcg cttgaatcgt 360
ctacctggag ctgcagctcg atgcctcaga aaggggcgaa gaagctgggtt ggggaagggtga 420
tacctctcac agttagcttg gctcagtggg gagataatat tccctatggg agtttgtgtat 480
cctattaaca atcagagggt ctacagaact ccctgaagtt aatggagcca actggaatgt 540
gttgggagtt tacaagagtg aacattatgt agcatgtgaa tggatataca aataaaagat 600
gaaacgtaat tcatatagaa gtactgacaa aaaaaaacac tgtcattaca gtgtctattg 660

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cctgtaaacc tacaagcctg a ggtctt ctgtaacttt tgattaatgt t ttatta  
 ttgggtaagt taaaatctct t ttn

720  
 747

<210> 3829  
 <211> 468  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(468)  
 <223> n = A,T,C or G

<400> 3829	
tttccttttt gtaaacccta cttgttcttt ttgcaggatc ccatcgattc gaattcggca	60
cgaggtaaaa caccacctac agttccaatt ctgggcctgt cttctatcta tctttgccct	120
tctggtccgt tccctgttct gagccccagg gaacttangg ctgaaagtca cccccgaagc	180
ctcagaccag atcgggaggc cacacgcagc tcatggggac agagggccca gggtagcggc	240
ccactcatga gaagtgtat gtgactncag ggagtctgtc cctcttcggc gctccaatcc	300
ccagcccaag ctcagatgac ccagcctgtg tcccttttagc ggccgangag ccaccacctg	360
ttcgggggct ggaggatggc ttccaganga cctgggacac tcacctagct cgttcatggc	420
acggcggtac tcctcatcaa aggacaagct tcataacagc acangtgg	468

<210> 3830  
 <211> 467  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(467)  
 <223> n = A,T,C or G

<400> 3830	
cnttgatncn tatacancta ctenanctct tgttcttttt gcaggatccc atcgattcga	60
attcggcacg agggggtctc ttctactgtc ttattggacc ctagcagtggt ctctgagcca	120
gcagtcctgt cagttgattt cttgggtcgtt cctttgtttt cttctataat cacatgtgga	180
ctcagaatga attttgagtt actctgaaat ctattttatc aacagatatt tacttagtac	240
ctcctattgc cagactctgc tttatgtttg atattatttt ttaaaagccc accttgcccta	300
gatttcctca aaggaccagg tggcttccct ggttttgaaa gaccctaatt cttactatga	360
tcttaagtaa attatactct ttctgtgggc tcaagttctt tctaagaggg ctctttgggg	420
ctacaaaaga aattgttagt gcaaaaagag tttataaggt ttataaa	467

<210> 3831  
 <211> 471  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(471)  
 <223> n = A,T,C or G

<400> 3831	
tnttttnanta cttnaantcn natacangct acttgttctt ttgcaggat cccatcgatt	60
cgaattcggc acgagccgag ctgacaagtc aactctaagc acttatctag aagactgtaa	120
atttgacaga gagcgaatag aactgttttg cacggaatat cagaataata agaattccct	180

agaaatccta	ctgggaagta	t	cagatc	tctccctcat	ataacggatg	t	ttggcg	240
cttgggaatat	cagataaaga	c	tcaact	tcataggatg	tacagacctg	c	tttgggt	300
gaccttaagt	gtacagaaca	ctgattcccc	atcctatcca	gagattagtt	ttagttgcag			360
catggaacaa	ttacaggact	tgggtggggaa	acttaaagat	gcttcgaaaa	gcctggaaag			420
agcaactcag	ttgtaacttg	gggaagttaa	cgatccgccc	gagtgcagag	g			471

<210> 3832  
 <211> 470  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(470)  
 <223> n = A,T,C or G

<400> 3832								
tataaccattt	tgaattcnna	tacaagctac	ttgttctttt	tgcaggatcc	catcgattcg			60
ctgctaaaag	gcggatagat	gttcagttcc	tccatgaaat	gagatttagt	tcccatgtaa			120
tggcattttc	cataataact	gctgatatca	tcaaggtaaa	gagagctgct	tctcctaact			180
acccatgaaa	gaatttagct	ttttatattt	ctacctctcc	catatagttt	aatctctccc			240
cactgcgagt	atgactgact	ccaagggtatt	gaagtctgtg	ctctaattgg	gaattcaatg			300
aacaagactt	cagtgaatga	acttttttag	ccatattata	taaaatgaaa	aaggatctgc			360
tcctcatttc	aatctcctgt	acaattgctc	ctgaacagta	gtacagaatt	gtagagatag			420
cacattatgc	aacctggctt	tttatctgag	acataacttaa	tgaaagcaca				470

<210> 3833  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(465)  
 <223> n = A,T,C or G

<400> 3833								
ntccnttggga	ttcgatacan	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg			60
gcacgagccc	ctgtgcccct	tcccaggaa	atcaagtcct	aaggaataag	agtttgttgg			120
acagagttga	gccttggagg	gacacaaaac	attgtaatat	ctaagatttt	tttcatactc			180
tcccagaaag	aaccaatttt	cacctggggg	tggcggggtg	gtaaaattgc	ccctgttcag			240
aatacatgct	ctaataagcg	gcagccatgg	gattttatcc	taatactgag	tctagatgcc			300
aaatcttttt	cacctgtct	caaaacaaac	aacaacaaca	gcaaaaagat	cactttggct			360
gtttttatatt	ttggctgtta	tgtgaagaat	gaattgcaat	ggggcaagag	tagaagcacc			420
aggagaaaag	caaatgagtt	ttgaataaat	attttcccct	atctt				465

<210> 3834  
 <211> 469  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(469)  
 <223> n = A,T,C or G

<400> 3834

tgccttttga	ntacngntac	a	tacttg	ttctttttgc	aggatcccat	tcgaat	60
tcggcagcag	aaagcatgtg	tg	gggggg	tgcgatcat	tttaccatgt	gagcact	120
tttcataggt	agcaaagaca	cattatgtaa	acttaggagg	agggagagaa	tgcaaatttg		180
catgtgaatt	ttattttgat	taatcgcttt	ttttgctttt	cagcaatgtt	atttatgaac		240
aacaaaatta	tagaaaaagt	gagaaaaagt	caattatcaa	ttattttctg	atgaacaaca		300
acaaagacaa	aaaaatgggtg	ggattgattt	attttccctt	gacagaattg	attgtttctt		360
taggttctat	gcaacttgca	gactcactga	gggtgaatgg	aatgtgctga	aaattcagcc		420
tgacttgga	gctccaaggg	acacacctca	atgtagagaa	agcaggaat			469

<210> 3835

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3835

cnncatntgg	ntcccgttcc	aagccacgag	cccattttgc	aggatcccat	cgattcnaat	60
tcggcagcag	gcacaggcca	cggagagaga	gaggccgggc	ctggatgaag	ccgtgggcgt	120
tggtgccgtg	cgaggcccan	catgcttgga	ggaaaggtca	ccgtggctgt	caagtgctan	180
ccagggcnnng	agccgggctt	gtgtttctcg	ctcantntna	nccatctntn	atctgnttca	240
aagggnattc	aaaannccng	ggtcagattg	tttcttgat	tacnctgac	gtctggcctg	300
ccttatccac	cctggaaagt	tctaagcaga	taatanntat	gtggcatntc	tgaggttttg	360
atgccccgag	ccgtttacaa	tatgcttccn	gactgaaagc	tgggccctga	ntnnctnngc	420
tgagnnctac	nttggaacc	acgttccctt	cagnctcatt	atcac		465

<210> 3836

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1039)

<223> n = A,T,C or G

<400> 3836

ccagccanaa	nacngngana	aaaggncnga	cgnanacaga	nnnecgannnc	gacgccngnn	60
gaanaagcan	anancacccc	cccaggcggt	ggaacccttc	anagnccgacg	aaggcagacc	120
cacgancgaa	ccggcagcag	actgannaga	ncnggcncga	aaaagtgtgn	gccatactga	180
gacccacggg	cagccncncc	gccnctacag	ngncaggngg	accagggaca	ccnccggacn	240
gcgcanacn	gagaannaag	gaanchangg	ccggcacgaa	gggcaaggga	gggannnctg	300
cacgggacgg	canaacngca	agccagcctn	caagcnggca	aganccagcc	aggnggcggc	360
aaaaacaaga	aacagcccga	ggcncagccc	ggcncncaac	caggcccnaa	ncaagaaaag	420
anaagcaccn	gngcnggacg	gcngnaccca	cacaacgggc	acgnaaaaag	ggcngcccgc	480
gnggacacng	cnnnncatng	gaaaccacn	cnnggnaaaa	ancaccanaa	gggggccngc	540
anaaaacccg	aacnggganc	aagngccann	cagnncgggn	aaanaggang	naaaaacngg	600
ccagnnngcn	accngggaaa	aaaaaaacgn	cncnnnatn	gncgcnnenn	cnnnacagcc	660
aananaccan	agcgggacag	acanngang	canacanang	cgancggaga	ananggaaag	720
aaggagagaca	aaacagcang	anngacgaan	anggnacacg	cnacacgcac	agcgangnng	780
nancaaaagn	anncnngca	nnannagnng	gnangcaaaa	naacgcgang	agannagana	840
gnggacgcac	nngcncacna	ganggcgnnc	ngacgnnncc	ccaaaacgac	nnacgnnnng	900
gagcaganaa	cgacgcacna	naaaggacgn	anganncann	nccngnaana	aaggnaaaa	960
nngnngnacn	anggcgacnc	caggagacaa	canangnnaa	agcnaagccc	cnagnacaaa	1020

<210> 3837  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

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<400> 3837
gcnntttgat ntncatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgagctg ccttccaaca aaatcgtcaa gcgggcagag gagttggtgg ggcaggagtt      120
gccttattcg ctgaccagtg acaactgcga gcacttcgtg aaccatctgc gctatggcgt      180
ctcccgagcgt gaccaggtgc atcttcagcc tgcattcccct tcccaggagc caggccactc      240
cctcagctgc cagaggctgg gtccctgctg gggccagggt gggatggaaa tagacatgag      300
caagacaaaa tagcagatat gaaactgttg tccttgaggg tgtcacattt ggggtgggga      360
caagggtggg gagataggca agtcggcaat gtagaccagt gcagtgggtt ggggggtggc      420
cacagaaggg agtcacagcc tgaacagcc ctccacagcc ctagaggccg gctttatgat      480
tcccacttta cagatgggga aactgaggct caccgtgctt aagtaacttg tccaaattca      540
ttaaactcct agttattgag tctctagtcc atgtcancca tggatgaagaa cgggggagtt      600
aaacctacat gtgttctctc caagggtccc gatcaaggaa agcttttcta gaaanangtc      660
acaccgagc ccacctgatt taattatttt gattaatctt gaaaaaaaaa tgaacctgga      720
gattaccagg gaaccggggg ccaataanga agtgtagct                                759
```

<210> 3838  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

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<400> 3838
gcnnttttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggca cgcagcacc actcagcacc tcttagaaga tgcgtccgta gtatatagta      120
tgatttttcg aaggggattt tgctcatatt aagggttgct ttagggatgt ccaggaaggg      180
tcaggtaagg aatctttcaa tctgctttct aattggctta gttttccac tgtcttcgca      240
aaaggacagg aatttccagg ttagtttgca gcttgctttt catcaagcga aatgctcatg      300
ctgtttgggt gatggttaata gaaacctttt gctaccttta tttatcaaga gttgtggagc      360
cgaggaaccg tgtcttggga gttgtgcagg attgaaactc acaaaaaagc ctgtttgaag      420
aagttgttac ctatatattt tcaaggcagt tcacaagcct tatactaact ttgcgggggc      480
tttcagttga gcttacatga ctgcgcttgg ctttgtgcct tggcagccaa catttgccat      540
gcaggaggct tcccagaaag gttcggattc ctcttcaagt ttgagaagcc tgactgagac      600
cattctcagc atggcatgac ccgtgaatca ggaagtgaga atctggagta ctgctaaggc      660
accttgtggg tggaaatgag ggtttgagat gccaaccttt ctgtgccttc ccacaacttc      720
caattgtttc cattgctcat ttgaccaacc t                                751
```

<210> 3839  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3839  
 nccnnntgaa tncccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60  
 tcggcagcag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtggttaa 120  
 aggggtccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180  
 ccagattttt gagataaatc aatttattta ttgcaatat ttacatgcct acatgggttt 240  
 ttaaagttat tttaatgtat ttttaatgat taaaaaatta tgtcccgtat ttattagtca 300  
 ttcattactt accattattt gcattttaatc cttaaagcag aagtgtacaa aaaagagatt 360  
 aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420  
 atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccattttaga 480  
 ggaaataatt ctgtctactt tttgagtgtg ttttttaatg cttttacttc tgggtgtgggc 540  
 atgctggatt ttatatcttct aaaaaccaat aaaatttggga aggcattgcc tctaaatggt 600  
 acctaaaaaa tagaaaacac aaccnntaaa tatgcctagt aattagcaca tattttattt 660  
 catagaaact gattcctggc tggcctgggt gctcacacct ggtaatccca acactttggg 720  
 angttgaagc aggggggatgc ttgacccttg 750

<210> 3840  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 3840  
 nccntttgat nccntacanc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60  
 cagcagatta gatactatag taggttaata atgactaaca cttgtcatc tcatcactga 120  
 gcttttgtct aagatagtct ctgaatttag aactgggacg aaagtgtaca taataggcta 180  
 ttataaaatt tttagaattg gatttctaaa cttgggggtca gtgaatctag caggcttaag 240  
 cagtgttctc aggtttttct ggcacagaca aggaatataa gaggaggaga gaaaaggaga 300  
 gacagtagtg ggagggaata gaatgagaga agatagaaaa tatggaatta atagagaaag 360  
 gatacatgaa gtattacaag attttcttgg aaaaattggc atttcagtga tggatcaaag 420  
 atgtctaatt aggcaaaatc tactattact taaatattta atgtttttaa gatttgagga 480  
 taaaaggata tagatctgat ggcgttcata ctaattgctg tagtgttgat gttggagaga 540  
 ggggtaattg atcaagacag agcagacaga ccctttacaa tgagagcaga agatatgttg 600  
 tttactgatt ctactttccc acaaaatgct aatgctttta taagtccttc ctccttattt 660  
 tctagattaa ctccntgttt ctccctctaa accagangat tatggcagac aggcaaaaaa 720  
 aaaaaaaaaa aactcgagcc tttanaacta t 751

<210> 3841  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(800)  
 <223> n = A,T,C or G

<400> 3841  
 aaatacacia caggcaagtg ccgtatacca ggaattgttc aaggagagca ggtagtttgt 60

cttatattct	aacgtgggag	aaagca	aataaattac	atgaattgat	tgatca	120
gttgcattggc	ttttagtata	ctctgtc	agtctgccaa	ccagcacagg	ttcttatta	180
gcatgggaga	agggcctgat	cactgaaagt	attatagatt	tatagagtat	tgaaaggaaa	240
cttaaggaaa	ttgggggcag	tggcctttta	gaaaacagcc	taactccatc	agtgacttct	300
gcttgcttgt	gcctctcata	tgtgatctgc	tactggcctt	tgttacttct	ctctgaaata	360
acacaaaaat	tatgtttagg	gctctcattg	acttcaactc	caaaccatat	gttacttctt	420
ttaaaaacat	aattttctaaa	aaaaaaaaaa	aaaaactcga	gcctctagaa	ctatagttag	480
tcgtattacg	tagatccaga	catgataaag	atcattgatg	agtttggaca	accacaccta	540
gaatgcagtg	aaaaaaatgc	tttatttgtg	aaatttgnga	nctattgctt	tatttgaacc	600
attataagct	gcaataaaca	agttaaccac	caccattgca	ttcattttat	gttcaagggt	660
cagggggagg	nggtgggagg	ttttttaatt	ccgggccgcg	gggcccatgc	attgggcccg	720
gtccccactt	ttggtncctt	tagngngggg	naatgcccc	tggcgtaaac	atgggcatag	780
ctggttcctg	tggnaaatgg					800

<210> 3842

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 3842

ttatnctttg	aaacacncta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggaaaag	gccccagaat	gggctngctt	gaactggaaa	aacacacttt	ctcatccctt	120
ttggaccacg	agcttcttga	gagcaaagca	tgtgtttgat	attcctttgc	tcaccctcag	180
gccttgtttg	gcaaattgcc	tgggatacag	aaaataagga	caaggctctg	gtgtagtggc	240
ttatgcctgt	aatcccacac	tttgggtgac	caaggcagga	ggatctcttg	aggccaggag	300
ttgcagacca	gcctgggtaa	catagtgaga	ccttgtctct	gcaacaaaat	ttaaaaatta	360
gccagacttg	gtggttccca	cttgcaatcc	cactatttgg	gaggctgagg	cgaaggatc	420
acttgagcgc	aggaatttaa	ggctgctgtg	agctatgatt	gtgc		464

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3843

gaaatcttta	tcanctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggctactcag	gagactgggc	aggaggattg	cttgagccca	ggaggttggg	gcttcagtga	120
gccatattca	caccactgcg	ttccagcctg	ggtgacagag	caagggtgcta	tctccaaaat	180
aaataaataa	atgttaaatt	tgcttttttc	tctctctctt	tttttatgta	gaatttgttt	240
gttgatactt	actgaatgta	gtgaccctgc	tgtggtaatg	aacacttcta	gtgccttcta	300
ggcttaaaaat	accagacagc	cccaaataac	aaatgctctt	ttgtgttttg	ataggttgga	360
tttctgtttg	cttaatatgg	ggaatactgg	ggggaaaaaa	gatgggtgtt	tcattctaag	420
gattgtccta	aagaaagtgc	tactttattt	ttaagaaaagt	aaggccactt	gttatataag	480
aaataacaag	ttcccattgg	gtcccatttt	gcaaaagggg	ataaagaatt	agactgatag	540
catcatacga	ggcatatttc	actatacaaa	gtgtgtgcac	ctgtctatac	aactctccta	600
cccagcttga	cctcactttt	catacctgat	gcagcaaaac	aattcaatgc	cataggagaa	660
ggaagcacat	ggttataagt	gactaacacg	atattaggca	atttgtccaa	atttctcatt	720

ttcttttatag gtaaagaaag

cttatt tgattaaat

759

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(954)

<223> n = A,T,C or G

<400> 3844

gggnntttt	tttggnnnaa	aaantttttt	ttncccccca	nnaaaaantt	ttnttttggg	60
gnaaaaacca	nnccccccct	tttacctnng	ggggaaaaac	ccttttncnc	cnngggggcc	120
cnangggggn	aaaaaccccc	ccccaaancc	cgggaaannt	tncccggggg	naaggcccaa	180
aaaaaanggg	naaggaaact	tnnggnntn	ccctcggggg	nngggaaaaa	aatgggaat	240
ggtaaaaatg	ggggcccaag	ganntaaccc	aaggggncca	aatggggng	ggggggaaag	300
aaaaaaagna	aagggggn	ncncctcccc	taaaaacncc	caccaanggg	ggggaagcca	360
anggaanttt	accccnnggg	caagggaacc	aataattaac	ccttggaatt	acccgnggnn	420
acccgggcat	ctgggaaana	nggnnnacnc	atgtggagta	naacaanggc	ggctaataca	480
nccaaggggg	ccaagnnggg	cacacatnca	tncnngctcc	tgaaccngc	atatgcnatg	540
ctctcctcta	gaacactngt	ccattngcca	cgggtctntc	acatgaccaa	ancctacatt	600
ggctccaaaa	atcnccangt	aaaatggcac	ttccccaaag	aagggggaaa	ttttnnaaaa	660
cccccccccg	acgcaggcca	aannggaccc	cctgggctac	ttaancanag	ccatccccna	720
ncaanacttg	gnagcactna	aaagnagang	ggggganaat	anctgggncg	gacaacacgg	780
cnactctnng	gctcaggatt	aagngggaaa	gnggaanaaa	ctggggttnt	caggacngga	840
ntccaactct	aancgggggg	gttaaaggga	aaaaattcnn	ggactgaaag	gggnggggan	900
ggggggaacn	ggctccagaa	aaaggaactc	cataccctcc	tttaatcaca	gaca	954

<210> 3845

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3845

tgtaggcaa	ctgatgacta	tacttatttc	acaactggta	atgtgaatta	ttattgcata	60
aactatagtg	ctgaggcccc	agtctttaca	cttccattta	ataacttcac	agtttcatat	120
cttcttgaga	tacttactaa	tttcaagtcc	catcttggtc	acaaggagtt	gtgaattaga	180
gaacaattaa	tatcaccagt	taaagaagtt	agattagaaa	tctgaaccat	cctaaacata	240
agaagtacct	gcatcttcag	agtcttatcc	caaagccggt	ctgctaaatt	gttcaatttt	300
ctccatagca	gagctttcca	ggcccttatt	tgggaagtga	ttatctctat	gcacagttat	360
gtatggatag	tatacataat	actagcaagt	gttattacct	agtgttaact	ggtgngtat	420
ttacatcaaa	atataactta	atttatcgat	atcttttttag	gggtttccca	ttaatcaaaa	480
cacgtgatat	atgtaatcag	ttgcangttt	tctgtgactg	ngacagtaga	gagtccttca	540
tcctctgaag	ttgaagaagg	tggatgattc	ttcanagagt	gttcatgaaa	gngcctggga	600
aaactagtnt	tgaacaagaa	gcattaccgg	gaaaactggg	aggagtgnct	aaagcctttt	660
aaaggaagaa	agaatgataa	ggcttaaggg	tggtaaaccn	antcaatgaa	cctgggacaa	720
tgaaaaagnc	cccctttaa	aaaaataaaa	atttntnttt	ggtttggaag	cccttcattg	780
ncaggcattt	gacnaaantn	aancccgga	tgaaaaaagg	ggtttttg		828

<210> 3846

<211> 1046  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1046)  
 <223> n = A,T,C or G

<400> 3846

tngttaagca	ttcaattttt	agatncattt	ntcacaaatg	catgattctg	gccctnaaat	60
ccgnatatnn	gcataatntc	ccnttcaggg	gggatacana	aatgggnnta	tgcacacact	120
antcngngng	cacgnaaatt	tctgggtggg	gnaactgggtc	ggctnatgnt	ngtaaaatgg	180
ntcnatagac	tatctgnanc	acanngnann	tnttncaccc	tgnatgttga	actatgaaag	240
atcctttntg	cgcttaattt	tacggntaag	gngcaagntn	ttggcctcca	aaccnatgtg	300
tntcataaat	gtgccanacn	taaattattt	ttgaactttt	tncagaaata	ctaaccatta	360
aanggangtn	ttcnagattg	gcaacntaat	ggcaagccct	ataatttgca	cacttatttc	420
ntgcaggnga	tggtatttgg	ttnatcaagg	gcataatctg	tggcccagaa	tcttttggtg	480
aataaattn	aaanaaaaa	cccattttaa	aaaatgaagg	nggaaccatt	cnctttnaaa	540
atcaagcnaa	ttnggcttan	cntttaaaa	ttaaccncct	gggttttatt	aacncgggng	600
ggtaaagt	ttt	naaaaaaaa	aaaaaaaatt	tttttaaang	gggaaaaatt	660
cntttaacaa	ngggggnaaa	ccttaaattc	ttttccantn	aaaaanggnc	ccctaaaaaa	720
aaaaanggtt	acnttnngtn	aaaaataaaa	nttttttaac	ccccctttcc	ttnggggggg	780
cttttttcat	tntttaatnc	ccccaaaatt	tttttttttt	tttnaaangg	aggggggggg	840
nannnntaat	taanaacaat	naatttttaa	anaanaaacc	angggggtct	tttggctttt	900
tgtttgccc	caaaaacttg	gggaggtgcc	aggggggctt	tttnaaagg	nccccaatt	960
ctttanc	cttt	acctggtaga	ngggaatccc	tttgcttggc	ccccattctt	1020
ggnttggggg	aatatttggg	cctttt			tttgganana	1046

<210> 3847  
 <211> 1021  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1021)  
 <223> n = A,T,C or G

<400> 3847

tacctgatgg	ttgnnttnt	ctcctgngct	getcatgtct	gcttaactac	ctactctanc	60
agcaccaggn	agnaaggaata	atatgtctct	ttcatgataa	actggcttgg	aaggccttnt	120
ttgtacatgc	aatgttgnan	cttcaggtnt	ccaaggtgga	taatgttggn	catnancatc	180
ttgctttggg	gcttgnntt	cnaagactca	tatgtatngc	cctttnttta	ttttnaagnc	240
ntctnantgg	ccccaccng	nngagttttc	ttgaatgctt	cnngagaaaa	tttcccanaa	300
anancgnctt	tnaccncaaa	cttccccctt	atgggntaac	tttancanta	aaccccgga	360
ggancnttta	attcngcnaa	cccantanaa	aaanttgnat	cntttgggcn	ccaaantnnt	420
ttaggttaan	ctncaatgta	ncnannancc	tgtntntnct	tgtaaattnn	tcaccaagna	480
cnntnttgtc	nattgnccac	gttccntnng	gnnggtccnc	tatttttggg	tttggttaaa	540
angaagggtc	ngncntatng	gggccncnng	naaaaantgcc	ccnanntcct	cnannaagna	600
accttgnaca	accaannccc	ttcttnagna	nttcnnnaaa	ccanttgcan	ttgttcnggc	660
tngttttgta	atttncaagn	caattctttt	gnntaacc	ta	tnncagaana	720
gggaaattcc	ccggcntcaa	ttaaagggtg	gcctggcnan	gatttnanna	aaaannnnna	780
nnnaaaatna	tnngnggcct	tttnaaact	tnnnnnggat	ggcggttata	cnnnagtant	840
nnccnngcat	gtnantagnn	annacatgtg	nnttannttg	ggaaccaanc	cccaccttnn	900
nantggcgtg	nnnaaaaaaa	tagctttttt	cgggnaaatt	tgggcaggcc	tatggnat	960
ttgtntaac	atttatngc	tcnngatnna	nnnttnacnc	cacnntcgcc	tctatttctn	1020

C

<210> 3848  
 <211> 898  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(898)  
 <223> n = A,T,C or G

<400> 3848  
 tttggtcctg gagtntnate tacttactgn catcttccnc ggnctntggc ngtgccntgt 60  
 tccatgccgc ngtgaggcta tatgagatgc gccttggagc ngcctggatt tttngnntgt 120  
 aacacngtgg gctgacttgt gnntctatnn nanatngccg attatacaan cnnngngntcn 180  
 ctggncann actantgntt nagagnnntc ttnaaccnnc nccgctgtnn cngctgggnt 240  
 gancngangg ncttgtgtgc agtnactgnt tccentttnc caggnnnnng ccctngannng 300  
 catactntnn tgcctgtcnc agtgtntnng ggancntttn ntcannngana ngtctcncctg 360  
 accngnaag gaacatntnt ggantgacat nngngnanc tctngangta tggggaaacc 420  
 canganngtg gtcaataang ggccctacaa acatgtttng gaaggctcct anggcattng 480  
 ggnnaaacat ntncacnnnc tatacaagt gcttnncaaa gngaaagcgg ttattcctnt 540  
 antaactcnc nnnacnggac ccannantga ccnccgcttg nnacntggn naaccnntc 600  
 ntngaactac gggccnttaa ngaccaacca nggttggttc ttgccaccat tttcttntgc 660  
 canccacaaa cctggccttg ggnaaatntt nccgttgcat tantaaaant ganggggggc 720  
 tanctgcttt tgggccctct ttcnacctn tttntgangt angntttttc ntttttntc 780  
 nccnncantn gataagaata ncntttgggt tgaagttttg ggtncacaacc nccttcttnt 840  
 naatttctnn tggaaaaaaa atnnnttntn tttnggcgna aatttgngn angcttnt 898

<210> 3849  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 3849  
 gaagttcaag taagatctca gtggtgacag gtctagctta tttcaagagc tgcacaaaag 60  
 ccacttaacc tggcaacaaa aagttaatgt gttggttccc tttggtgtat tatattcagt 120  
 ctattaaagt tttgattgtg atgttttcat tgcagttttt ataccggata aaatgtattt 180  
 tagaagtaga acttttggag ctgaaatagt ctgcagaatg tagcttgaaa accacggcag 240  
 tgaactacta agggaaagt tccagaattca agtctagact tcatcacttc atagctctgt 300  
 agcttttaggg caggttcttt agcctctctt tgtctccgtt tccctctgtg taaagtaggg 360  
 ataataaaaag tatccatctc actgggatat tttgataatt aactgagtta acccatgtca 420  
 aacatttaga acagtacctg acacacagta aatgctcaat aaaaattaca tattgntata 480  
 ttgctgttct agtttataag aacagggtgtc agaatccagt tttgaaatga aagcccagaa 540  
 ctgtgagaaa tgatggtttt ctctattaga tgttctagga aataaggaaa catcaagaat 600  
 aatacagcca tgcttagaac aagttaaata tatgtccctc ttggcttttg actttctctg 660  
 tcaactccgt gctgggtctn ctctttccag nctcttcata ctctaattctc tggctctcagc 720  
 ttctacttgg actcctntga agggatagaa aaaaaaaaaa aaaaactcga gcctttaaac 780  
 tataggggtc gnntacgtan ancc 804

<210> 3850  
 <211> 840

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(840)  
<223> n = A,T,C or G

```
<400> 3850
ttcctacctg cncctggaatg ccccagagca cctggcctgg ctgaagcagg ctgtgctcgg      60
gttccagctt ccgcagatgg accttccacc cctggggggcc ccctggctcc ccgtgtgctc      120
catggttgtc cagtacgcct cccagatccc cagctcacgc cagacacagc ctgtntctcca      180
gtcccagggtg gagaacctgc tccacagaac ctactgtatg tggaagaaca agagtccctc      240
cccagtccat ggggcaggcc cctcgggtcat ggagatccca tgggatgata ttatcgcttt      300
gngtatcaac cacaagctga gagactggac gcccccccg cttcctgttc atcagaggcg      360
ctgagtgaan atggtcagat attgtgtgta tttttttaa aacgatttga aaaaatatga      420
tggtcctttg tegtgggaac aagccangtt gcanacgcan aaggagctac agctgataga      480
gggacgtttg gcaataaaaag cttttttcat ctttctgcaa acaattttcc cataccattg      540
cttcacatnc accggacttg gaagaggagc acagagtgtg cttnagangg gaggattccc      600
agcacannag gatctgattg cgaaggagct tttgctgagg gagctctttg gcgcagtggg      660
ttntcgagca ntcttgcttg ttggggnaaa gaaagaaaac caagagggtt tnaanaatca      720
gccttcacca atggttggtt tgaaagaact caggangcct tttacgggtt ttaaactttc      780
cttccccctn ttnntctttc ctcagacttt tagnggtntc tttttcacac tnttgggaacn      840
```

<210> 3851  
<211> 841  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(841)  
<223> n = A,T,C or G

```
<400> 3851
tttattgacg ggaagaggtc atcttttttt ctttctgaaa acaaatatgg attaattgcc      60
tcaaatttgt ataagtgatt ggctagtgat tcttgttttc agaagggaga gtggtataga      120
tagaaaatga caaagatggc aatatacact taatgttggt attgtatggt gttactgaag      180
tacttagatt tttaaaatct caaatcctaa atcacttctt gtaggagggt tttcattaac      240
tgcagtatat acagttcact acatatgggt tgtttgagtt ttttgtgtgc tgtatttctt      300
tctgtttttt aatacctggt tttgtacata tctaactctg ttctcttttg gttgttcaga      360
aactggattt tttttttctt aagcagtgtc taatttgtgt tttttaattt tgattcanaa      420
gtagtcccag ctcatagggt ttcatactgt tacatccaga acatttgtca ggctctctgt      480
cagctttcat gtacatatgg tatagaaacc catggagtta ggcacttctt ggattttttt      540
tttatgagaa aaaatctgta tttaaaatgt aaaataaaact tttaaaaaag canggcncta      600
atatatatat cttncgcctt ttgattacca aatttgtccc ttgcncatgg ttaaagatga      660
aattatcttc ctaaaaaata tcaatgggtt ttgggggaacc aggggggattg ttacntttac      720
cataaccaac nggttncttg gcaatggggt tcatgggtcaa aaaaattttt tgggtttttna      780
aacttttntt atttgncctt tggcttggtg gattaagncc aagmncaaag ngccgaattn      840
c
```

<210> 3852  
<211> 796  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

```
<400> 3852
gataatgaaa ataaaaattt tgtgggctct tcatagtggg tactttgatt atgtgtgata.   60
atactgtgct gtgacaaata atataatgaa gaaattaata ccaagattgc tattctgaaa   120
gattaaacat tctttaatac ttagatcttt catctgttta tgtaacaaac cctaacatac   180
aggcttaatg ccttgcagat attaaacttct ttaacttaat ctttgtaaca gtcccatgaa   240
gtaggctctat tattattaca ttttccattt gaggaatata agacataaag atattaacta   300
ccttgcccaa cagctaatta gtggtggagc ctacttttga actcagacac tctggctcta   360
gactcttttc ttttattaac cactgcacta tgttacattg tttttttatt tttacttaa   420
gtgtgttaac cttgaatttg aattatgttg tattagcctg gtaagtggga tcacagaaac   480
gtgtccactg cctagatggg aagagatcat ttgtctttca tctttgcata cttaacatca   540
aaatataagg aagaacaaag gaaatgttaa tcttttaaag cctcaaagta taactccttt   600
taaaatgcta atgattctgg aaaatgggtca gacctttaac tgcttttagtt gaacatttta   660
gacaggagct aatattttta acaaggatag caggaatcat atgttttatt tctgatcctt   720
gacaaagctg aagagttgca tcttcataag ggnttcactn tntgntacac actagactac   780
ttgcaagggg tgcccn                                     796
```

<210> 3853  
 <211> 827  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(827)  
 <223> n = A,T,C or G

```
<400> 3853
gcatatgtgg gaagtgnngtg tcccgtccag gcctgtgcct cgggccacag caactgnttc   60
gtgtgctgga gacgcccaga cccgacaggcg aatggntcga gtgcacctcg atccgagctc   120
cagcacctag actaattagg atgacctcag agatgctgaa gactaccttt ggtcagcctc   180
agnctttttg nttttggttt tttttgagac tgtgtctcac tccgtcacc aggctggaga   240
gcagtgggtgc gatctcagct nactgnagcc tnaacctctc agactcaagc tattctccta   300
cctcagcctc ttaactagct gggatcacag acatttgcca ccatgcccg ctaagntttg   360
tactttttgt agagacaagg gtttgccatg ttgccaagct ggcttcaact cctgggctca   420
agtgatgcct gcctcagcct ccaaagggtg tgggattaca ngcgtgagcc accgcacctg   480
gcctgttatt ttttaattag ctgnggaatt tttttttcca nataaaatat tataaaattt   540
attaaaaact ttatttctca aganggggaa cgnggaaata ctaattcccc aaatgggttc   600
ttttacatct agagggtcaa attttccnca atngaaacnt ttctttcaat tttcggtact   660
ttttttggtt ggtttngaga anggaagtct tgntnttgtc tnccaggctg ggantacaag   720
ngagcccgag aacatgcccc ctgnattcca nctggggnga caaancccg acnttttttt   780
aananaaaaa nangnnnnnn annnnaaacc cgggccttta aaatttt                                     827
```

<210> 3854  
 <211> 826  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(826)  
 <223> n = A,T,C or G

<400> 3854

ctgaaagggc	agcgggcaga	agggtg	gggctggcat	tagctttccc	cccagt	60
ttctctccag	cgcagcagg	ctctagc	ccagaaaaag	aaaactgact	cttatt	120
tctgttttct	gctgctgcta	atctcctcct	gaaggggtgt	gtggcttctt	gggactctgg	180
aaagaaactg	caggggacga	ggacaaagga	aacagctact	gtagtcactg	cagctatgca	240
ggctctgtgc	tagccctgga	aaggcctgga	cgttcangtc	tgtgtgccc	ggggtaggcc	300
ccagaacaga	gcggtgggccc	catcgctctg	caccacagct	gccagggctc	aaaccttggc	360
tctgccttac	ctggcttttg	gatcttgggg	gatgcacagg	acactctgtg	cctcaatttt	420
cttatcttgt	aaaatggggc	aaatacctac	caagtcatag	gggtgatgta	aagtctannt	480
gagataatgg	agggnaattt	cttttttttc	ttaacttaaa	ttttggatcc	nttttgggtc	540
gatntttgta	tattgggggg	naatttctta	naagctngaa	agttattnaa	tgctgcttat	600
gagccaaata	ctngnccnag	ggctcttgtc	cagatcattc	cagttaatcc	caccaagan	660
cccaacagcn	caaggggttg	cttatatttt	tggggngnga	nggaactggg	aaccnaggg	720
gaagtcacgg	gnccttngcc	caaagttacc	cccgaagttt	aagcgtttaa	aaccaagaaa	780
tttgaacccc	caagccaagc	ttgaccnant	ttggtttgct	tnggcn		826

<210> 3855

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 3855

ctctcatggt	aatgccagtc	atgctcctca	gtcatcagaa	ccagcaaaaa	tactcctcac	60
atgtccttag	atagttgcaa	atgctccaga	gaggggtaat	ggcactgctc	ctacttgaga	120
accactggct	cctgtaactg	cttggcctag	ttctaacttc	taaaatgttc	tcctttcctg	180
agagtataat	gaagagccag	atactttgtg	atctttctat	cattcctctg	gcttcttgga	240
cttccttaat	gattgagctc	agatgctgga	gtcacatcgt	ctggctatga	aatcaagctc	300
tgccatttac	tgggtgtgac	cttgaacaat	tacttaatct	ctccgtacct	cagttttctc	360
agataaaatg	gagataatag	tgacatccac	ttatTTTTgt	gaagatgaaa	tgaaataaag	420
catgtaagct	ggttatcaca	ctgtccactg	gtggaggcat	ggtaattgna	tgaaggggat	480
gacgatgatt	gacnatgacn	atgatgatga	tgatggctcc	caaccttaag	ggcttattcn	540
agccagaact	tgaaattgac	cttaataatg	aatactncaa	aaaacacaga	caggcacatg	600
atntattaga	aaangnagca	actacggngg	gagtcaagta	aatnctaaac	accctctgcc	660
tcaatctgta	tggntttgaa	atgtccttta	nccgtcttga	tttttacata	tctatgaaaa	720
ttttngngtn	catgggggtt	aaacaaaatg	gatgacttaa	gccnttgga	agtaatttca	780
taaacaacct	tgttgatatg	taataaaaaa	cc			812

<210> 3856

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3856

ttgctttaca	ttggtgaaaa	aagtcatcat	ttcgaagcca	ctcattncat	cgggaattggg	60
agggccacca	tcttatagct	gggcttgtga	acctttgact	tttcccagta	tatattggac	120
tattttgatc	actgctatat	gcttctagtt	cctcaatcan	natctgccac	agaggaggcc	180
ctctaaattt	tttgtggaat	tacttaatga	aatgaatgan	tgattattcg	ccttcacagg	240
attgtgtgag	accatataan	gtgtgtagag	cggtttgacc	tcccaccatt	gaaatgctcc	300



ttaccattag	catctaaagt	gactag	agaaatgtgt	gtgctctcnt	gtctgc	360
ttgttccacc	ttgctggaat	atccac	gagaatcctg	tgttcatttc	cttaaaga	420
ataattacga	ccatntaagg	taatagctaa	agaatcnaga	cctgtaagaa	ctcttancan	480
gtacagtggc	ctgtgcctgn	agtcccagct	actcangang	ctaangtggg	aggattgctt	540
gaaccntga	gtttgnggct	gnagtgcctt	atgattgtgt	ctgcgaatag	ccactgcatt	600
acagcctggg	caacataagg	gaggaccatg	cctttggaaa	aaacaaacaa	cttnttgga	660
agtctcctaa	ataacctatt	tnaaagaggt	caacaatttt	gcccgtggg	gttggcgngg	720
taaaggacaa	aaanttgcca	ttnggtttnn	atnttttaaa	ggnnnnaggg	ggngggggnn	780
ngnnnggnnn	nntaaannnn	gggcccnngg	ggcccattna	nttnggnncc	cngtt	835

<210> 3857

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3857

ggtgnttnnn	ccttgaaanc	tttatacanc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgctccaag	gatcacagta	ggatcctcgt	tggtgacagt	cgaggccgag	ttttcagctg	120
gtctgtgagt	gaccagccag	gccgtttctg	tgctgatcac	tgggtgaagg	atgaagggtg	180
tgacagctgc	tcaggctgct	cggtgaggtt	ttcactcaca	gaaagacgac	accattgcag	240
gaactgtggt	cagctcttct	gccagaagtg	cagtcgcttt	caatctgaaa	tcaaacgctt	300
gaaaatctca	tccccggtgc	gtgtttgtca	gaactgttat	tataacttac	agcatgagag	360
aggttcagaa	gatgggcctc	gaaattgttg	aagattcaac	aagctgagtg	gagaccatgg	420
tctgtagacc	ccttcccgat	tctcctgtcc	cagcttggaa	ggcattgaaa	acagtctccg	480
tttacacatc	tcttcatacc	acgtgtttga	agtgttaaaa	ttcaaaggga	tcattgaata	540
aaacgggtgt	agagtacagg	aatggggcag	acgcgattca	ggtgaacagc	acaagaagaa	600
tatgangtgg	ttcctaggag	caacactttc	gacctncagt	cttctgatg	acagtactgt	660
ctncaagaga	aaaatcctca	cttattaact	ctcttttctt	gcattctcatt	ttatagagct	720
actcatcctt	atttgaaaa	accancacca	aaaaaggctt	ttagaaaatg	gt	772

<210> 3858

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3858

ctctggctct	tggaaaagg	cagtgtctct	aaaccaggc	aaacggtaaa	tgtggggcat	60
aggcaagagg	gtcccgggta	ggtggccact	tcccatcat	gtcgtttct	cattttgtgt	120
tttttagtaa	naaaaacaca	gtgtgttctt	ttgccagac	attaatcttt	agaatgcctg	180
tattttctaa	tgttgggatt	tctttcacaa	ccaccacct	taatatttcc	attgtgactc	240
agaaaatcag	acttcattcg	attctttaga	gaactataaa	tactgttgct	agtagagtga	300
agtcttgtct	tatgtaatcc	taattacaga	atgtgttctc	agaagaggta	ggctagacca	360
gagctgggca	gaccacaggc	agaggccaaa	tccagcccc	tgccgatagt	agctaataata	420
agttttacac	ccacttgttc	atgtattttc	cctggctact	tgtgggcagc	aatgccagag	480
tcaagtcatc	ataacagaga	cagaatggcc	tgaaagctgg	atttactatt	tcaactttta	540
cattaaaact	tgatgacccc	tgtgctagac	aggcagctca	tttctgcagg	taaaattata	600
ttcatctncc	aactttcatt	ncaaaattga	acctatatta	ctgaggccca	aaaaannnnn	660

```

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnccctn nnnnnctttaa 720
aaccttttgg gggncgnttt nnnnngaacc nccctganaa aaaaccttgg tgggttggg 780
ccaanccccc nctttnaatg ccngaaaaa aattnttttt 820

```

```

<210> 3859
<211> 777
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

```

```

<400> 3859
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attcgaattc ggcacgaggg tgggcaggca gctgcacctc attcctgaga ccatccgggg 120
cagggctttt ctgactgaga cacacgaccc tgacaccaga gagaattctg tatttcccca 180
cccttgacag ggctgccccct agagaatccc atcgggtgag ccaggaacc cacaagttct 240
gcaccctcgc gatgggtagg cattttgagg gcatgaggta ggcgttacag tgataagata 300
cacagggtc taaaccacag agggccccgt tcaaactcct cctcttctaa gtacaaatta 360
gttggttttg ggaagtgaat caactttgcc cggggctgca gtttctctgc tgtcaaatgc 420
atgggagagg gtgtgtgaag agttaaaatg tatttagatt tctactgtag gtctcctcca 480
acatgatctc acactccttt tacagtataa gcaggctgat gtcagaggct gtgactcgcc 540
ctgccaggtc taagaccgtg gggcggtggt acagggtact ttttangact cctctnacca 600
caggcactga acttgggggt tgcatatata tcacccatt actcctcaga agatactgta 660
acgtaggatc ttttattggc tntattgagg cttaatgcat ccattttang nggtacaatt 720
tgatgagttt tgacaaaagt ntaancttgt aaccacaatn nccganttca tgacact 777

```

```

<210> 3860
<211> 765
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

```

```

<400> 3860
gnnnntnnnc cttgaaaccn ttatacanct acttgttctt tttgcaggac ccatcgattc 60
gaattcggca cgaggacaca ttaaaagaga gatatcaaaa aattggtgac accaaaagga 120
atactcccat tgaagctctc tgtgagaact ttccagagga gatggcaacc taccttcgat 180
atgtcaggcg actggacttc tttgaaaaac ctgattatga gtatttacgg accctcttca 240
cagacctctt tgaaaagaaa ggctacacct ttgactatgc ctatgattgg gttgggagac 300
ctattcctac tccagtaggg tcagttcacg tagattctgg tgcactcgca ataactcgag 360
aaagccacac acatagggat cggccatcac aacagcagcc tcttcgaaat cagggtggtta 420
gctcaaccaa tggagagctg aatggtgatg atcccacggg agccactcc aatgcaccaa 480
tcacagctca tgccgaggtg gaggtagtgg aggaagctaa gtgctgctgt ttctttaaga 540
ggaaaaggaa gaagactgct cagcgccaca agtgaccagt gccttcagag agtcctcagc 600
cctggggact ctgactcaat tgtacctgca gtccttgcca tttctcattg gaanggactc 660
ctctttgggg gaaggtggat atccaaccaa aaaaaaaaaa aaaactcgag gcctctagaa 720
ctatgtgagt cgtattacgt agatccagac ttgatagatc atttgt 765

```

```

<210> 3861
<211> 771
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3861

gggnnttnnnc	ctttgaaacc	ctttanacaa	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	gagactgtct	caaaaaaatc	aaaaaaaaga	aaggggatgt	120
aaaataatcg	ctgcaagtta	cagtgttttt	cattaatgac	ttccaaatgt	ctcacatgta	180
ttgtctcttc	ccagtagcat	aaacaaagat	gcagggaggt	gcaatgagtt	cctacaggcc	240
ctagagctga	cggtaggggt	gggaatacag	ttcacaccgc	gtcttcagct	gtgttccttg	300
tggatgacat	ccactggaca	gccaatgat	aaaaacagtt	atcagttcta	aagtgttagg	360
acaattacag	cttattcaaa	gaaaactcaa	ttaaggagga	gttagtaaag	ctagtattgt	420
tcttatcgtg	tgcaatgctg	cagtgtcggc	tcactgcaac	ctccatgtcc	caggctcaaa	480
tgatcctccc	gagtagttgg	gactacaggc	atgtgccact	atgcttggct	aatttttgta	540
tttttttata	gagactgggt	tttgccatat	tgcccaagct	ggtctcaa	at	600
aagcctggat	ttgcctggct	gccatttctg	ggttttgccg	caattcagtt	ttttatgaca	660
ggcagaccag	tgagtagaat	acagttcttt	ggataaagga	caaactgaag	cactaaaaat	720
ggagagtcac	tttaaagcaa	aaaccagtgg	aatgtgttac	ttggcttcac	c	771

<210> 3862

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3862

ggtgnntnnnc	ctnnгааacc	tttatacaag	ctacttggtc	ttttttgcagg	atcccatcga	60
ttcgggaaaa	ataacatggt	cactttatga	aaggaagaac	caggnaaaaa	taatagaaaa	120
taatgaacat	gagtgagat	atagatgaaa	gctaaataag	cattcactgt	gtcttatcaa	180
gagtgactaa	taagctgaca	gctttatttg	agttctggta	agcaaattaa	tatcatataa	240
atcattacaa	tttgataaaa	gcaaaacctg	ttatcaaatt	taaaaactgt	ttaataattc	300
aacactccag	tggttttgcct	tgtttaagca	aaaggattct	ggccaagata	ttttacttca	360
gctctctgcc	aaagatgaca	attgtcagtg	atttgtccag	aggggggact	taagtctttg	420
gtaaggatcg	ccaacagctg	gaaagtattt	attgcataaa	atatgtccat	gatactttac	480
caacattgta	gagaatgtaa	gctataaata	cagttatatt	acaaagagtt	tacaatctaa	540
aattaaacac	agaattttac	ggaaaaatca	ccaaaacaaa	ttaaattggaa	atatcatttc	600
acaaggttct	ttaatttttg	gccatatatt	tgataataaa	tacatatgtg	ttntagctat	660
cttacttctc	ttcttattct	gatttnacct	nntgtgggtcc	cctgctg		707

<210> 3863

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 3863

tgnggggcna ganacccgnt	ctgcaa gggccggctt	gaccnacgn a	cggggc	60
ananatgcct gtcnagncnn	cggaagg ttgtnncgct	ttacgcctat	tgaggaaaa	120
aancccnttn tngaaggtct	atcctcaaan ngcnntngc	gttcncccg	ctggccgttt	180
atncaccnct ggnnaagagg	ganttnattn naccgcgtct	tttttanaag	annnnaaagg	240
ttcngcatnn tggggcnnnn	gnncacactg gctttgaana	gcnanagctg	agtacatcc	300
accagatnc aaaatggtna	catgtcaact gtggccgaaa	acngggccgc	actgncccat	360
ccgtctctcn ggagnttgtn	ggccctttat ncgcacnaaa	ttgcagcctg	ccggatactg	420
tattcacaca ggctntgagg	ggggagggat tgtnntcaga	atgcattaag	cgcnttnaat	480
agcctgcntc ngttgctttg	tcaantggtc ttnacatgaa	tgcccgcccc	ctgaatatcn	540
ngtaatcatc tatcnacct	gggatcgcaa nncgttaaaa	canaagggca	agtacggng	600
gtcgtactgn gnaagagctc	c			621

<210> 3864

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3864

ggngnntnnn nnntttggaa	ntctannata caagctactt	gttctttttg	caggatccca	60
tcgattcgct cagccccca	gtttttatgt ggacatgttt	tcctctctct	tgatatata	120
cctaggagtg gaattgcttg	gttgtgtggc aattctatgt	ttagcattcg	aagaaattca	180
ttgaatggta agctgaaaag	tgacgtgggt gaattttctga	tttcagaaag	atcactgatg	240
tgatgagaat gaataactct	ctggagtgtc aggatgtggg	ggcagggagc	tagcttagta	300
tattattgca aaatcttgcc	aaagatgagc tgatcaaag	agaggaagca	tgaactaaga	360
ggggagcagc aggagtggaa	aagagagata taatgatgtc	agtacagagt	ttatatttac	420
agaacttgaa atgcagctca	ngagtgggag gagtcangtg	gtgccaagcc	tacataaatg	480
agcatgggtg tgcttttgac	aaatagggag aagcaganag	gggaataaca	ttttagtagt	540
tcttaatttc taatatgtct	tgagataggt ctctaattat	atgcagctca	attnacagat	600
gaaagttatt ggtttatcat	gcattcatct ttatgaaaag	aaaggattcg	gccttgcttc	660
ttccttggtg ccaaagtatt	ggncagggct tgggcacngt	ggcttacacc	tgtaatnccc	720
agcgcttttg ggaggctnan	gcaggaaaaa tccttggacc	ctgggaaggt	naaggttcca	780
ntgancccan				790

<210> 3865

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3865

ancctttana caagctactt	gttctttttg caggatccca	tccgattcga attcggcacg	60
agagtgacta cttagaagat	gctgtcccca ccttcgcccc	ctccctctag ttgccccaat	120
gtcttacctc ccccgacttc	actcgggcta gtggaggtct	tcttagactt ctttcaaggc	180
ggaggattta gagtctgggg	tgaagtggcg gtgatggatg	gctggggacg tggggctgct	240
gactcaatgg tgatacatca	agcagttaat taagggacaa	gttatcttct aagtgggagg	300
taaaggattt tctgttcctt	tgttcttaat gctcatatta	atgccatttt ccctcatgga	360
gacctcaggc tgtgcttaaa	acgcttccat aattcctttt	ggcactgcta gaggtcagca	420
ttgtccactc gtgaaggaca	caggtaagtc acagacattg	gggcttctgg ttgttaaagg	480

ccaagaatgt	gggatgaaaa	ccgtgt	ccccatagca	agttaggggt	ccancag	540
ggctgttttc	attcagacaa	gctcatt	ccaaaccagc	cccagagagc	ccctcaata	600
agccattgtc	tgcccaagga	ggaagaactg	ttgtccaagg	ctgtggntaa	tgcatgacat	660
tggtagtgtt	tccaacaagt	caaaacttgg	ttacagaaaa	gcagcantga	cnaggatcct	720
ggaataaatg	ccttggaccc	angtgccaag	gaattttcca	cgcata		766

<210> 3866  
 <211> 1154  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1154)  
 <223> n = A,T,C or G

<400> 3866						
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tgcaactccta	gctgggttgc	cttaacaagt	ctattttaact	ttttcttagg	gtattttctaa	120
gagagttcca	aaatggaaaa	aaaatnctat	ggtggtntgg	aaattttaat	gaataataaa	180
ttcccatttt	aagggttaaaa	ataacccaaa	aaantaacca	cctccgtant	ccattaagan	240
catttttagga	agnaagtttn	cctttanctt	tnggggaaaa	agggtttttc	caattttttc	300
cccttnaaaa	tggganccan	ttccaacctt	gggaaaaaan	ccaaggccca	aggggggttaa	360
nttggaacc	caaggaaagg	gggggttttn	ccccccctt	gggaaccctt	tttttgggaa	420
attaagggnt	tttttttaaa	aaaaatttta	aattcccntt	ttaaaaaatt	tttnaaaaat	480
ncccccttc	cctnggggtt	ttccccctt	centtgggcc	ccccttttgg	ggggggncce	540
tttttaaaat	tttaaaaagg	gntttttttt	tngggnaaaa	aatttttnaa	aaangggggg	600
gggggttttta	aaannttttt	ggggggggaaa	aaaaaaaaaa	aaaaaaaaaa	nnaattttan	660
ttttaaaaan	ccccccagag	gggggggttt	ttttnaaaaa	antttnancc	caaaantttt	720
ccgggntttt	aaaaaaatna	aaaaaaattt	tcccccaatta	aaaaataaat	taaattttnt	780
taaaaatanc	ccnccccctt	taaaaaaaaa	atgggaaaaa	aanttttaatt	tanttttccc	840
ccaaaaaaac	cttccaatta	aaanttttna	aagtttnttg	gnaaacccaa	atttttggcc	900
aatttttgga	aanaattttt	taaaaaaatt	naaaaagccc	ctnaaaacca	attcggggnc	960
cccctttccc	ctttctttca	aatnaaaatt	naattttcct	ccccgnaaag	gggncccttt	1020
ttcctttccc	tttggaanggg	gccttggggg	aagcccnccc	caaggncctt	tttgccagc	1080
ccccgnaaaa	ggggggtcct	ggcaccctta	nnctnnggggt	ttttnccttt	ccccctgggn	1140
nanggggcct	ggna					1154

<210> 3867  
 <211> 917  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(917)  
 <223> n = A,T,C or G

<400> 3867						
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acgaggatca	caccactcca	ctccagcctg	ggcaacgaag	tgagaccctg	tgtcaaaaga	120
aaagaaaaag	agaaaagaaa	agaaatctga	aggtcttgac	aacccttggg	ccccatcct	180
cctatgactt	tgggacctaa	atcagagctg	gccctctttg	taacaagggt	gtgggcccct	240
ctatttcact	gtantctgnt	ttcattccct	gcagccctcc	ttgatacgaa	agatgccagt	300
gacagggcca	ggcacttggt	gctcatgcct	gtaatcccaa	ggaggccgag	gcngggcaga	360
ttgcctgagt	tcacgagttc	aaaaccagcc	tgggcaacac	ggtgaaaacc	cccggttcct	420
ttcntttggg	cccctaagat	acaaaaaatt	accaggcatg	ttggtgcatt	gccttgtagg	480

tccccaaacta	ctcggggaag	ggaaggc	caaggaanaa	attggcnttg	cttcna	540
gggacaacaa	naaggcttgc	cttggaa	gaacaaagga	atnggggtggc	cttggca	600
attttcttaa	gccccanggg	gcntttccag	ggaagccnaa	gggaactttc	ttggttcntt	660
cnaaaaaaan	aaaaaaannn	nnnnnnnnnn	nnnggggncc	ccctttnttt	taagnaaaaa	720
ccctttnttt	taagntnggg	aaaggttncc	cgnttaantt	ttnaaccccn	tttaannaaa	780
tttcccccca	ggaaaaccan	tttgggattt	aaaagggaaa	ttcccccntt	tttgggnatt	840
ggnaaaattt	tttttggggg	naaccnaaaa	aanccccac	ccaaaacctt	ttaggaaaaa	900
ntgggcccaa	nnttggg					917

<210> 3868  
 <211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(847)  
 <223> n = A,T,C or G

<400> 3868						
ttgatttcca	tncagntact	gctattgttc	tttttgcagt	atcccatcga	ttcgaattcg	60
gcacggaggt	gagnaacggn	gaatacgggt	aaaacccttg	gctcatggaa	agcatagcnc	120
aacataaacc	ttttaagcaa	accagcgcag	agttcccgtc	ataagtggcc	accatcttca	180
gaaaccaggg	ctcntgggtg	tntccanaan	tttgccagga	atztatgtta	ctttaaccga	240
ctttggtnng	gggaaaagct	tttgnaaata	gaatcataca	tgcatttggt	ttttaattac	300
agtgcggttg	gccccatnaat	ggggnnttaa	tttatactgg	agcacatggg	cacccatata	360
tgggggtttc	cctcttgggt	caagggcccc	ccattggcca	anaancagag	tctaaaggaa	420
aatcttgaag	gttgaaaaac	cnttgggggg	aaaggnaaaa	aantcaaaat	tcccagtggg	480
gaaaaagaag	gaaaaatagg	gangggctta	aaccttgcaa	aaaaattgaa	aaanttgaag	540
gggtttgctt	ggtcnaaata	atcttggaan	ggggccccct	tttcttgcn	agaaggaagg	600
tgnaacaatg	ggagnacaac	atttcaaatt	aaaccattat	ttggtaaaaa	cnttncttaa	660
aaagtcaatn	gnccatncca	naaaggttgg	aaatgggagg	ggnggtgggt	ttctttccgt	720
tccaacttgg	ggagtctctg	gccaaaactt	ttttggaagg	ggcnttggtt	tctttttgga	780
aaagnaaatt	aaaaggttnt	tttggaaga	ngggncaatt	tggagtntnt	ggaatncccc	840
aatttta						847

<210> 3869  
 <211> 661  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 3869						
nttgattcca	tnntntacng	ctcttgnctt	ntgcggatcc	ctcgattcga	attcggcacg	60
agatgaatgt	ggaactttta	tttttatcca	ttattttcaa	attggatcan	tgtcctcctg	120
atctattaga	tctaagacct	aagaggaacc	tacottgttt	tggctagcgg	gtacagactt	180
tcttactaaa	aggnggggtg	atttcctaga	atagcatntt	ctgttgagta	gagatgattn	240
tcaacaatgt	ggctgngtca	cttnncttca	aagtgattat	ngagtgtgaa	agtaagcant	300
tgtaataactt	tttaaccact	gtctgtgttc	ttaccagatg	ggaaaacanc	actcgtcttg	360
aaactggaag	ttcccagtcc	tgggatgatc	tganaagggt	ttggaaggga	aaaaccctt	420
gtagagata	ttgcagttgc	atcacacacc	agcttgggtg	ctgcctagga	tcanctgctc	480
agtgaanagt	actcttgcta	aaccttacac	caccagact	atgcgatttg	gataagtaat	540
acttatcttg	acctgtgttc	ttttganggg	aaagaatgnc	tattgggtag	gattattgna	600

aaatgagatg agatatacctt a agtttt agcatgatgc ngcctctaata agcatc 660  
n 661

<210> 3870  
<211> 803  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(803)  
<223> n = A,T,C or G

<400> 3870  
ttgaattcaa tacttgattc gattttcann cttggcgagg tcccatcgat tcgaattcgg 60  
cacgagagtg ctgggattac aggagtgagc cacttaggct agccctgaaa tgcttttggt 120  
tttgtttgng ttttttggtt tttaatgaaa atacagggac atggagatgt ggaaagacac 180  
cttgctttat tactggtggt attattatta ttactacagt ataattcatg tatcacaaaa 240  
ttcacgattt ttaagcatac ctttcagtat tttttactat attccaaaaa gttgcagcca 300  
gcagcactac ctaattccaa aatatttcat aatgccaaaa agcatgcctg cnctattggc 360  
tgtcactctg caattccccc ttcttgacag ctctggaccc aacccccncc cctttaaaaa 420  
aaacttcttt ctttntgtat agatgtactt ggtctggggc accttctctt ttatnngaaa 480  
aacaaaatgg gggngttttt ggggtttggg ttntcaaaan aaagggncn caannattna 540  
anaccctttt aaaccccggc cnnnaccctt tanaaanttt nttngggccc aaaanaaatn 600  
tccccctta tngggggtaa cnnccaaatt tggngngnnn taatttccca atttnanaaa 660  
ccaaagtggg tttttnnccc cctttttttt anaaaccttn tttttnttgg aaaaataaaa 720  
nnggccctgg cctnaannna aaaacaagcc ttttttggcn accaattggg tttttttngg 780  
gaggtnggnn aaaccatttt ttn 803

<210> 3871  
<211> 834  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(834)  
<223> n = A,T,C or G

<400> 3871  
cttnttctac tntttctncc tggaaaaaccg ncnnttgcag gacccatcga ttcgaattcg 60  
gcacgagggg atttgaatgc ccatgaaata cttttttttt tacttgaata tattcttgct 120  
tcactttacc ctccataata tgttgtncat tagtgctgat caagtttaca gagttacatt 180  
ttgctnnctt aaccattcag gcaggaatta aaatatggca ttgttaacaa ctgggaagaa 240  
gctcatagng gatatnaatt anagtagata atgggtcacc ttgatagcct ctgnttacat 300  
cacttgnata tgggcaaaat aattattacc tatacgtgta ttaagctta atttncatat 360  
aaacagtntt ttgaatctat gctaaaaanag ataatatcta aaagngtgat cnttacgtag 420  
tccttagttt atnagtctgn actncaaaaa gattcttaaa taagcccggc acggaggctc 480  
atgccngtaa tcccaacact ttgggaggct gaggcgggag aatcacctga ngtcangagt 540  
tcgagatcaa cctggccaac atgggtgaaac ccngtctcaa ctaaaaaatat aaaaaatagc 600  
cccggccgtg gngggcangc acctggaaat cccagctac tcgggaannc ttgacgccan 660  
gaaaaatcac ttgaaacccc aaggggcaaa aagctgggag ggtaagccca aaanccgcat 720  
tnattnggac ctcccaancc taagggggac aaagaaacgc gagnacttca atcttaaaaa 780  
ncnntngnc anttattgnc nnaaanggna atgnngnccc ggaaaaaaac cccc 834

<210> 3872  
<211> 970

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(970)  
 <223> n = A,T,C or G

<400> 3872

tgtnagacgt	ttcaagggtca	gtgtattagt	ggctcatgcc	taggggaagg	aataacattt	60
ggagcaaaca	ggagacaaat	tgaaaagctt	caggaggaaa	ggctaggaaa	taagattctt	120
tgggcgagaa	taaggacttt	aaagagattc	cacatattcc	tgggaatctg	aaagaccata	180
cacatgccta	gggctgggca	tgtgcttaaa	aagacttgag	agggccctat	gctgtcacct	240
ctgcctgacc	ttcaggctct	gtgcaagcag	gaagtgaagg	ctaaggcata	gttataaact	300
gcatgggtga	agggttgaaag	gtgtgtccca	acacagaaca	catctgcaaa	tgctacgagg	360
cattttgttg	ttccaagtgt	tcaaagaaat	cttttgaatc	actactgacc	actaagctaa	420
ccaaagactt	agtggccaca	cctgacaaag	aatacaaaact	aaaaaactaa	aaatgtagtt	480
caagaaaata	acaggctggg	cacagtggct	cacatcggtg	atnccagcac	ttttggggang	540
ctgaagcang	tgggatcttc	tttgaaccca	aggacntttt	gagaccagcc	ttgggcnaca	600
ttggcaaaaa	acccccatct	tnttgnaaaa	aaaatacttt	aaaaaaattt	tgccagggggg	660
ccctgggtgg	gcnnccccac	ctttantagg	ttncccaagc	tttnccccca	agaaaggcct	720
tttaanggtg	gggggaaggg	aatccaancc	tttgancccc	tttgggggan	gggtnccccc	780
gggccttttt	aaattggnag	nccccattaa	attcccttgg	ncccatthgg	gcancctttcc	840
aaaccctttt	aggggnggna	ccaccanant	gggggagggg	naaannaaaa	atthttttaan	900
tttttccna	aaaacntttg	gncccnccat	tttttttaaa	aatnaaattt	tttttccaaa	960
aaaattgggtt						970

<210> 3873  
 <211> 807  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(807)  
 <223> n = A,T,C or G

<400> 3873

actgaagctg	ccaggcaagt	gaggaaccag	gagccgtcac	tgagtgtggc	tgggctacat	60
catagctcat	cacggagcta	cgactttggg	tactgcgga	agacctggat	aggcccagca	120
ttcgttctga	agatcacagt	tcacagaagc	ttttgcttcg	taaagataat	ccaaaggacc	180
tgagaccgcg	ttttcctttt	cccttcattc	ccttgagagt	cagccataaa	cggaatacct	240
gctagggtcc	aggaatgagc	tcacctaaaca	gacagcaaat	gtgtctgggt	agatctcagc	300
agagcccatt	ctgcaagacc	tggctgancc	agatgagagg	gtgggcccctg	tgctggggggg	360
ccttggggtca	cacacaggaa	ccaagacctg	gcttccaccc	cccagtcacc	cacttgggtt	420
atctgctgga	agttatcgat	aggactgtgt	ggccaaccaa	gtgcttgtga	gatcactgac	480
actgcaaaaa	caaagcaaac	tgctccgggt	accaggactt	ccttcaacct	ggcaangggg	540
gtgcgctgag	gcngggcttg	cangtgangg	ggctgtatgc	ttcaggaact	aactaaaatg	600
catgcanaag	gtaagaggca	tgatgggagg	tgttcaagca	cacaatncca	tttggggagg	660
tatttttgata	ctgcgatgan	taagggtaan	ggcccccattg	aatgggggcta	anggtggggag	720
tgaacactgg	ggtgaataaa	ttttaaatca	attcaggtaa	aaaaaaaaaa	aaaaaactcg	780
agccttttnaa	ctataggggg	cgtnnttn				807

<210> 3874  
 <211> 461  
 <212> DNA  
 <213> Homo sapiens



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<400> 3874
tatccatcag ctcttgttct tgcagga tcccatcgat tcgaattcgg caggaga 60
aaagctctca ggtaatctgt atggcttata agggaaacct gcagtccttt ctgaaagggg 120
agctgtgaat atgactgctt tgtagaaaga tgtcttagga ttctgggtga aaatttttaa 180
ttcccctcat gtaggaatgt cacagagtgt acctttttga cttagtattt tccagtataa 240
atacaccttt ctttaagaaaa tggctacaaa gtcagatgca tgtaaattgct ttcagcaagg 300
gtttattgat catctgcttt aggctgggct ctatgttagg tgctgtgga ttccattcta 360
gtacctgtgt tctcatagaa ttgaatcctg gtccccata tgacttttga tgatattcac 420
actgttaatt ccaataaaga cagagtagac aaacagaaac t 461

```

```

<210> 3875
<211> 833
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

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<400> 3875
cttggatgaag ttgatgacct ccaatagctc ccagtgtcat gggtagccag tacgcattag 60
ctgggtgttg gttgattgag acctggggca gttcctgggg caagaagcca gatgggagat 120
gagatagaaa gtgttaggag ttatcctctt tgccctggcct ttgagaataa cttactgtgt 180
gactttgggc aagttccttc cccactctgg gcctcagttt ctcacttggg aaagcaagga 240
gtttgaccag atgatcacia tgggccttcc tagctctggc caccaagaat ttgtgaacat 300
tagagctcct ggtctgggtg gtagagccag agctgctgac tggctctctt gctccagag 360
gggatttatt ggacctcana ggtggcaggg ccctatggag caccaactgc cctcaacccc 420
accctgtgcc caagactggg aagggattga tgtaggctg tggccatagg tagcatgagt 480
tgcccaagga gggacagagc atatctttgc tgangettg ctgangggct tatgatangg 540
cttgagtagc ctcacaancc cctgtgggca caagacaccc tgagggtttac ccaggccaaa 600
tatatttgat tagcagggaa aaaaaaaaaa aaaaaaaac tcgaaccctn tanaactata 660
agttagtctg attacgtaan atccngacnt tgaataagaa tccattgggt gangttttgg 720
acaaaccnc aacttngaa tgcccggtgn aaaaaaaatg cntttatttg ggnaaattgg 780
ggaagcctat tggcttttnt ttgtaacct ttaanctgc aattaaacan nta 833

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```

<210> 3876
<211> 833
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

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<400> 3876
gtttgtgggt gaatggtttc acaccagagt gggatcctct attgcatgta ctgactagc 60
ttttcattct tatcacactt cccttctat aaagttagct atctttttaa gggaaattta 120
ataccacact tcgctttctg tgccgcttg tgaataacag gcaataacaa ggacagcctt 180
attgccagtg tatgaccaga gcatctagat ggcactacta gtggaatgtc atcttgtcta 240
ccattcattc attcattcat gattttctct accanacagt tttggaactc ctagaatggg 300
tcaggtggtg ggcaggcatt gggaaaacaa ggttttaagc cattgtccaa atcctcaaag 360
aactcaccat tttggtcgag gggccatggt gagaggtgta tagaacaag taagaaatgc 420
tgtangagca gagagagaga aagaggcca gagagcacag tggcagagta catctcatcc 480
agagaaacag catcctgcat cctccagagt cctggttcct tcagtttcat nccctttctt 540
cttcttccat ggattatgta atacattgta aaggttttta ttaattaaaa aattgaaaaa 600

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anncnaancn	nnnnntnnn	nnnnnt	tnnnnnngn	ngnnnnnnnn	nnnncc	660
nnnnnnnnnn	tnaanntttt	ttttnnn	aaaaannnaa	aancnaaagg	nnnnnnnn	720
ngnnnttnga	cnnnngnna	aantnanaa	nnnnnngaaa	aaaaanaaan	nanntnnnaa	780
ttnnnaann	ngnnnnnnnt	nnncnccn	nnaannnnnn	ggaantnaa	nan	833

<210> 3877  
 <211> 1213  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1213)  
 <223> n = A,T,C or G

<400> 3877						
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cccntttng	gggggggggg	aaaaattttt	tttttcccc	ttttttccc	ccccctttt	120
ttttttttt	taaaantttt	tttttcccn	aaattttttc	cccctttttt	ttttttaaaa	180
aaaaaaaaa	aaaaaattt	tttttnaaaa	tttttttttt	tttaaaaaan	gggggggtta	240
aaggggttta	anccccaatt	tgggttttaa	nggggttttt	nggggggaaa	aaagggaaaa	300
aaacccttta	nccctttaan	tttttnaana	aaaaaaaacc	ccaaaanttn	antttaattt	360
gggttngggg	gggggaaaaa	aaaacccttt	ttcccccagg	gccccccctt	tccttggggg	420
gttnaaaaaa	ttnggggtgg	gtgggtccct	tccaaaaaaa	tttttgggnt	tccttggggg	480
aaaaaaagna	aaaanggggg	gggggaaaaa	ggtcctaata	gaaacccgaa	cttttttcaa	540
acctgggcn	attnccatat	acccaatggg	ttaaaacttt	ggattcttat	gacatatcc	600
tatgaaaata	ataaatactg	gccttttcc	tgcagaaagc	ctcagacctg	aatcagagaa	660
aatcatatgc	caaagccaac	tgccagtgtt	agacctcttt	ttncataaag	agtaaaggg	720
aatgctaaca	ctagtgggct	tattgagaaa	atttaaaggg	tgctgtagt	tttagaactt	780
aggctggaaa	accatatttt	agtgcacat	tttactacat	gatcttccaa	ttagatagct	840
tgtaatctgg	tccttacagc	acttgctgnt	ggtacatgtg	aagattttat	aaattttaag	900
gaaaggtgtc	tatgatatat	agtgaaaagt	gtgggaaaaa	aatatagaaa	ataatattca	960
cttctnaaac	cattatgata	aaaatatttg	tgtatnggat	taagaataga	aaggggatta	1020
tnnggatgta	tctatttcaa	tttctcagnt	tatgggtngg	gccttncctt	ttttggaaa	1080
gtaccctctg	gttattgcct	attggaataa	aatggatatn	aatggggtaa	aaaantttnt	1140
caaaaggnc	cnaaaaatgg	aaaatnccaa	aggaatttcc	cttcnttttg	gacctanttt	1200
taagggnaaa	aga					1213

<210> 3878  
 <211> 972  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(972)  
 <223> n = A,T,C or G

<400> 3878						
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cctgagtgtc	caaggtccga	gcctgtgggt	ctcttttacg	gcttcatgaa	aaggaccgtg	180
ccctcacngg	aggggggnacc	caccggcttt	gggctttgtg	gggggtctta	aggtgnatgg	240
cttgcccttc	ttttntttca	ntcaaccac	accccaagct	ttttttggct	tgggcacttt	300
nangggggaa	agaagaagcc	ancccaaaat	ggagnaagaa	ttttaaccct	tttttaattc	360
tcccccaacc	ggaagccgaa	aaaatggttt	ttcccccttg	gttttncaana	agnangggaa	420
agttaacca	ntccccnttt	antgcctttg	gaacctnggg	ggggttttcc	ttttttgggt	480

nggggttgggt	tttgggtttt	cttttt	caaatttggg	naaatttnc	attttt	540
aaaaaatggt	ttattggtcc	attggaa	caccattggg	gnacaacntc	aaaaaaa	600
ggtngacttg	ggcccccccc	ccctgtttt	gggccgtga	agttttccgn	accaccnggn	660
cttnaaaaag	tgggtccctt	ttgctttcgt	ctntttgttt	cncttgcttt	tgtaaaaact	720
ttnggtccca	agcttgaana	cattggcttt	gtaaaaacgt	ngaagagtca	atnccnaang	780
ggggttattt	gtcanaaaana	acttgnccn	tgccctttan	ccgaangcag	tcnaatcntg	840
ccagttggat	ttttcttact	ggnggaatga	caagaaacag	ggatttnattt	tgcncttgcg	900
ganaattttc	cgggagtgn	tnnttaatat	tttnagaccc	gattctttga	catnttantt	960
gactccaaaa	na					972

<210> 3879

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(884)

<223> n = A,T,C or G

<400> 3879

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taagatcaag	aaatgtaata	gatggaggcc	atgtagaggt	tagaaattca	aagaaatcga	180
ggtcaaaaac	tggccaatca	taacggcata	gggattagtt	cctaaatttg	gtcacttgag	240
aataacagt	tgaatagagt	ggagtggga	atgtgactgg	tggtgtttct	aaaaatgtag	300
aattgtcctc	ttagttgggg	tctaggtagt	ttttgagagg	tgaatataga	cactaacttt	360
ttgttttaca	actgaaatca	aattgattgg	taatttgcaa	caaaatattt	tttgaccccn	420
ccatttatat	cttaccatgt	atattatttt	cactnggntg	ataaagccta	tgactacctc	480
gtcagaatac	atcatttgct	aataaattag	ggtttactgg	tactgntgga	aataaccctg	540
ggcattctac	cctccgagaa	tctgttcag	gtggctgcac	cctttcaaaa	tccantgggc	600
gtttggccat	ttgnaancct	tgtntttttt	ccgggggaaa	ccaccanggg	tcaagtttan	660
ttanggcctt	ggccagttta	aggcctggac	cgtnttttcc	ccaattttgc	ttggntttgg	720
aaatggaatn	gggttttcat	ttaattnaaa	gaaanttgct	tgttttgggg	cccatgggtt	780
gtggaaaaag	naattcnntg	aaattgggcc	ggttttgaat	tanttttaaa	tcnttantcc	840
ttaagaaaaa	aaattttnga	ancnttttng	ggggccnttg	tccn		884

<210> 3880

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(998)

<223> n = A,T,C or G

<400> 3880

aanaaaatta	angngaanc	tttaaaantt	gggcccttgg	gancccaatt	tnacccaatt	60
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tggggggaaa	ngggggccca	aaaaaaaaaa	agggaaaaaa	ggaacccttc	ctttgggttt	180
anggnntncc	tttttcccc	aaggggggga	aggggggggg	gggggggaaa	aaaaatttgg	240
gttccaaccc	aagggaaccc	anggggggaa	tcccaagggg	gaagggttcc	aatttgggaa	300
ttgggaaccc	cttccaaggc	ccaaggccca	ccttttcttt	gggggaaaaa	gccccaaaaa	360
cccaaatttg	aaggggcca	ggtttttttt	ttttcaaaaa	ggggtattga	aaaagaaaaa	420
aataaattac	ttggatgcca	gccttttctt	ttttaaccaa	acaatgaatg	aagtgtgaag	480
atggaatcaa	gataagttca	gaaatgcatg	actttaatac	atgctaatag	tggagatggt	540

gcttaaacta	aaaacagaag	tgtgac	caggacgcac	aatcctctgg	tggtag	600
aatttgatct	gaaataggag	gctgtg	aaaccagtct	aggatggaac	agcaggag	660
ggttctgggtg	agagtcttct	tcaagaagat	gatccgcaga	ataccattt	gaatgtggta	720
aaaggagtta	taaacagctg	agagaataaa	tctaactcag	gggaaataga	agtggtaatg	780
tatgataagg	tcactctgaa	tatgatatat	ataatcatgt	tatgtaacat	tgaatattga	840
tctacccaaa	ttatagtgat	cttgagaaaa	gaatagagat	tctacagagt	taatttctct	900
tctttgggga	agtctcngat	actctaaacc	aaaatcatga	tatgtngacc	tgtcagaata	960
tgccaaagat	actaatgntg	agtgtgcatg	gaatactg			998

<210> 3881

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3881

tgtccctaaa	acttaagtta	ataaaaaata	ataaataaat	aaaaataaaa	aaataaaaac	60
acattntaaa	gggggcaatc	cagatggcca	gtaaaccatt	gtaatagcca	gaaattggaa	120
acatatattc	attgacaaca	tttaagatta	taatatagtc	atataatagt	cctgatataa	180
caatggaaat	aaattacagc	tacacacaac	ataatggata	agtcttaaaa	agccacatgt	240
acagaatata	taccatgtga	ttctacttct	gtgaagtcaa	gaacagacaa	aactgaaata	300
ctcatgtaa	gatgcacact	aaggtagtaa	aactataaag	cagagcaaga	gagttattac	360
tataaaagct	ctgtcgaggg	acaggagtgt	caattaggaa	tatacaggga	attctgtggt	420
gctgagagga	tttggtgatc	tgggtgatgg	ttaccangt	gtttattcac	tttgcaaagt	480
attaagttgt	atatatgttt	tacttaagt	gtatatattca	tagttttaaa	aggtttaaaa	540
aatntagaga	atacagcctg	ggcatgggtg	ctaacacctg	taatcccaca	ctttggaagg	600
ccaagacagg	aggccgagtt	caggagtcca	agaaccgnet	gggcaacatg	gcaaaaccct	660
catcttntgc	aaaaattttt	ttaaaaaatt	taaccccggc	ctggggggca	tgtgcttttg	720
natagtnccc	agnccccttg	ggaagcttaa	ggtngggagg	atnaccttta	acccccggag	780
gccaaaggtt	gcantggatc	cccgaatgga	tgccncttct			820

<210> 3882

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3882

catTTtatatg	agcaaaccAA	gttttacata	acatgctttt	ggtatgtatt	atgacttttt	60
acattttctac	ttggatttcc	tcttcagatc	tcagtttcca	caaactctgca	tccaggttca	120
gggcctctga	ttctgcacaa	atcatatgag	ccaagtggat	tgattactag	acagatcaga	180
tccttcccca	gctaataact	ctgccttctg	attccagtc	tcaaaataaa	ttgcagcctg	240
ccatttttctt	tatgttttat	aaggaggagg	tgaccacett	ttgtcagttt	gcttagtttc	300
ctattctttg	ggctcatctc	ccatcttttt	tgggtagtct	tgctaggagt	ggttgggaac	360
tctgaagccc	cattttccca	agttgctgag	agctatcaga	cttttagctg	caggctaaga	420
gctctgttgc	aggcctagt	attggcatta	aaagtagggc	cangaaatct	gtcctcatcc	480
tcaaatgaga	ccaacagata	tgtattaaag	tggagctgga	gtttgtcctt	ccacccgaga	540
ctaccaaggg	cctttgatgc	ttaatgggaa	tgtgtgtcta	acttgctctt	ctgacattta	600
gcccgatgaa	aataaaatat	tntatctgtt	taagtcnttt	ccnaanaaaa	ananncaatn	660

ttntnnnnngn	cnnggnga	nnnnng	ggtntnnntt	netannncnn	nnncnn	720
cnannccnnn	nggcnc	nnnnnt	nnnnnttgnnt	ttaaanaagn	nnatgg	780
nttntnnnnan	nnnnnnnngg	gnnanannnn	nnccccngg	ccnnttnggg	nan	833

<210> 3883  
 <211> 863  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(863)  
 <223> n = A,T,C or G

<400> 3883						
ggacctggct	gcctgctctg	acaggtacct	gtcatctgcc	caccatgggc	ttctgggacc	60
tgctgtagcc	cctgccaccc	actgctgcag	acccacccac	tctcagctta	gctcaaaagc	120
tgttctctaa	ctcattnctg	acnaatagct	gnangngttn	ccatgantng	cnnttnatnc	180
aactctggna	aagagggatt	taatttnann	gncncttttt	nacangatnn	aatatgttnn	240
gcnttatggg	gnnnnnnttc	acantgggtt	tgaanagaca	naagctagan	tncatcntaa	300
naccagatn	nanatgnggn	natttgcaga	gctngtnncc	gaatatcggg	tgccgtcaac	360
tgattangat	tacanttggt	acngtgcagc	cttggnatat	nggccanntt	ttaatntngc	420
caaccnatat	acnttgncaa	agccttngt	ccgggntatt	aacttgggna	ncncngcann	480
agnnacngnt	tnncatggan	tntgggcaaa	gcnngacttn	gtttnaatan	nccaanggan	540
ataatggna	attttaaang	annntccctt	tngtganana	antccaaggc	tccattgttc	600
tgcccngttt	tttncnattt	ngtatcccaa	aatgttgtgn	anncttttaa	naaaccaant	660
ggggaaattn	gaaccncctt	ttccanctct	tggtgaatat	tnttnnantg	gtttaaatac	720
ccanttccta	aatcnnaaat	anccccctgg	gggnatncng	aaaaagggcg	ntttgaaaaa	780
aaanngaaaa	naagggggna	caatagtttg	aaagggngnt	tttttcnant	tnaatttgga	840
aaggtntntn	tanggcaacc	cct				863

<210> 3884  
 <211> 904  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(904)  
 <223> n = A,T,C or G

<400> 3884						
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tgccccctca	agaaccaaga	tgatatcacc	ctccatcaag	acagctcgga	aaagtaaaag	120
ggcatcaggg	gctggaggat	aaaatgatta	tgataaccca	ntggtggatg	tttgnttata	180
tcaagtcaac	ccagtattaa	aggcctgcct	gatatacaac	cctcgaatgc	aacacagtgt	240
ccttctgagg	ccactctaaa	ggccangaaa	ggtttgctaa	gaagtctgtg	ctgttaaaac	300
agaagaaaaa	gaccttatcc	attntctgtg	ctggtgggtat	agggtagatt	cataaaaaag	360
aaggcaaaat	atttcaaaat	gatcaagaaa	tntgcaagat	gcaagacaga	gtctcaagac	420
agtgccagga	caggatagca	ctcataacat	ataacactgt	gtantgctgt	tgagtgtctg	480
ctgttggtga	gtgctancta	ttgggttgagt	gctttgttgt	tgagtgtctaa	cttgcttgag	540
tgctanctgt	tggtgantgg	cttggttggt	tgantgctaa	ctggtgggtg	aatgccttgg	600
ttggttgaat	gcctaacctg	gttgggtgan	tggaattgggt	tggttgaagt	tgcccttaacc	660
ttggttgggt	tggaatggcc	taanccttgg	ttgggttgga	aangccittg	gtttgggttg	720
naaatnggcc	ttaanccttg	gtttgggttg	gaaatggcct	ttggtccctt	tgccccctng	780
ggggccccct	gggttttttt	ttaaagcccc	ttttgggatg	ggtacccaan	tttttccttn	840
cccanttttt	aaaacctttt	cccccccaa	ataaaacccc	cccttatntt	aangggggccc	900

<210> 3885  
 <211> 911  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(911)  
 <223> n = A,T,C or G

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<400> 3885
atatccacgt ctcagtcggt ggatgggtaa tgggatgcc gcttccccta ctccagatga      60
ttgatgaaga aatggaggtg tatggagatg aggtgacttg cccaggatca gagctttaag      120
tgacagaggc aatattggaa ctgaggtttc cctcattcaa aagccagtgg tgcttgtttg      180
cactgccaca ctggagcaga ctaactgaga ccgctcttga tgggtccttt tctacgagag      240
gctttgcctg ccacctgcca gcatcagggt atcagaagat gtggtatgaa gaccattcag      300
cccgggcgca gtggctcatg cctgtaatcc tagcactttg ggaggccagg gcgggtggat      360
cacgaggtca ggagatcgag accatcctgg ctaacacggg gaaaccctgt cttctattta      420
aaaaaaaaaa caaaaaacca aatactcagg gaaatagccc ttcagnttnc ttcacccact      480
tcagaaaaaa tagggaaaag gaaaagaaca gggattggga aaaaggaaaa aaagnaaaaa      540
nggganggga tccgctttta agcccttang gaggttttta aagaattaag ttcttggggg      600
ccaaatanta agtnggagga ancccctggg ccttctttan ttttaaaaaa annnnnnnnn      660
nnnnnnnnnn nnnnnnnncc tttcgaagcc ccttttttaa aaacttttta gggggggggtc      720
cgtantttac cgtnngaatt ccccgnaact tggntaagga tncnttggg tgaagttnng      780
gaccaanccc caacttgaat gccgtggaaa aaaaatcntt atttgngnaa attgggagct      840
nttgcttttt tagnaacctt ttagntgcat taacaagtta ccaccaccat tgcttcnttt      900
ntgtaggtc g                                     911
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<210> 3886  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(819)  
 <223> n = A,T,C or G

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<400> 3886
tcacctctct cccaagaaa aacatgtnaa atgcnagact gtgtgctctt aatgacatct      60
atattaaggg atctgaantn tccatcataa atgaacatgg tacttaccaa atatcttctg      120
ataantcatt cagtgtctcag gntctatgtt tnttctcctg tccaagagtg aacaaactac      180
acatnaccaa aatattgtaa ggctaagnaa taataacggg gactgnnaaa atgggaaatg      240
agatagcgtc aaacgtttgt gacaaataaa agcagtcacn gtaaactctg gnccttncan      300
ccccatnaat gatgactttg tncccaactt gnattcccaa cngcatcnca aanagtaaaa      360
ngagtcacat ggganataaa acatcatttt tatcacaagc ttataacggg tnattttttt      420
ctgactntgn gttggagggt aanngggcct gctnatattg catgcagcan ngaacttacc      480
cgncatatgg atgcctccct ctatgctagt ggtcctcncc tttatggccc anggatcana      540
ntcatggaaa gacaggtatc cctgngggaa ggtttnggga tgaaantggg tcaccttaaa      600
tcacagggca ttaaaattct cataaggcat gtgcaancta aatctnttna catgtgcagt      660
tnacaaggaa nggggtggca cttcctctga aaaatcta atgcctccctg tctgccagga      720
aggtacaact tggnttggga angnttgnnt tggtcnngg tccacatcct ggtgngccgg      780
ngnggntncc canaaggccn ccggctggtn ncnaattan                                     819
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<210> 3887

<211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 3887  
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 aggacgtcaa aaacaaaaca agcaagcaaa aacacagaaa aagaaagtgc ttgggtcacct 120  
 cctcccatag aaattcggct gatttcccc ttggctagcc cagctgacgg agtcaagagc 180  
 aaaccaagaa aaactacaga agtgacagga acaggtcttg gaaggaacag aaagaaactg 240  
 tcttcctatc caaagcaaatt tttacgcaga aaaatgctgt aatttcttgg gaagatttta 300  
 atgtacacct atttgtaaag tcatcagaat agtgtggatt attaaatata tagtttgga 360  
 gaaaataatt tatataaatt attgnaaatt tttatgtaaa cagaangtct tcaataagta 420  
 aagtaactcc atatggagtg attgtttcag tccaggcaat ttttctattt tatattaaga 480  
 cttcatatcat ttatatatgt aaatatggct tattaatgga atgttaaata aaatgtatac 540  
 ttcaaaaaaa aaaaaaaaaa aaaaaactcg agcctntaaa actatagtga gtcgttttcc 600  
 gtagatccaa ctgataagat acattgatga gtttggacaa ccacactnga atgcagtga 660  
 aaaaagctta tttngaattg tgatgctatg cttattggac catttagctg cataaacagt 720  
 tacacacatg cttcnttatg tcagtcaggg gngggggagg ttttatccgc c 771

<210> 3888  
 <211> 1232  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1232)  
 <223> n = A,T,C or G

<400> 3888  
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 atgctggctt cctcctattg ctattccttg cctttcctaa tgccttgaat cagtgcattc 120  
 attcattngt tcatttcaat cangaaatat ctgttttagca caaacatatg atatttattt 180  
 atctaaagtg ggaaaaagaa atattnggna tntcttcaag tggnttgggt nncctggctt 240  
 ccctggagga attttttaaa aaccgatnnc caaaccattt tttttttcca ccnagnccaa 300  
 ggggttttggg nttggcatta ttggttattn caaaaaaagg gttcncctta aaaaggaacc 360  
 accaaccctt tttttttaac cccccggttc caaaattttc ctttacnaag ggtccggaan 420  
 gtnccaattt nttttttcct tnaaaaaaaaa naaaaanaaa aaaggggaaaa ttgggtgggt 480  
 ttttaaccana ccaaattggt ttttaagtaa aaaaaatttt ttttaanccc ccancctaaa 540  
 aaagngtttg gttggnccca nttccccca naaanggggg ggganattt tttttnnaaa 600  
 aanttttttt tnnnnnnnnn nngggggggg ggggggcaaa aaaaaatttt ggggggaaaa 660  
 aaccaanggg ggccanaaaa atgggggttc nttnaaaaat tttaancccc nggggggggg 720  
 ggaaaccccc caatttgga aatttanttt ccaaaacgtt caaaaaaaa tttaaaattg 780  
 gngggtnaaa ttaaacctt ttttngggga aatnnggggg ccnttttaaa aaaattaaac 840  
 ccttttaaac cttngggngg aatttcccaa nttttaaaaa attancccca attttngggg 900  
 naaaatttg gggnaanttt tggaaccct taantttttt ttnttttttg gaanccattt 960  
 gggcccgnaa aaaaaaata atttttccca aaaaaacca anttaacca gggctttttt 1020  
 ttaaaaaaaa aaattggggg gccnttnttg gaaaaacca aantnggttg ggctancccn 1080  
 ggggtggccc acccancccc aaangggggg ccccttnggg ggggtttttt ttcttnaaaa 1140  
 ngggnaaaaa atcctttttt ggagggccaa anccggggga ancccaaaaa anaaagggtg 1200  
 ccccnacntt taccaagggn nnaattgtgn tt 1232

<210> 3889  
 <211> 835  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(835)  
 <223> n = A,T,C or G

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<400> 3889
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tggcaggggg acaataaata gagttgatga aagatgggct tgggcagcag tgggccaag      180
tgaggcagaa atgagaaaag gactcctggg gcagagggtg agtgacaaaag ccttgagcac      240
gaggggtgtg aatgtgaact tgggtgctgac ctctattggg cagccggggc accacggagg      300
tggatgtggt gtcagtgaga ccagtgaagta atttttagcag agatacttta gggatgactt      360
ggggaggggc gclangctttt ttaaaatata tatacttccc aaaataacat tgcttcagag      420
tagtttccta actgccctgg gacaggcctg agatcctgtc ccagggtact tggggggcac      480
atcctgtctt agggagaggt attcacctnc ccattcccat cccagtcctt ggctgctttt      540
cctaaatgca tcatttatcc cccacattgc cccattctaa cccatatcac ctcttttagag      600
ataccttncc cttcattgag ggagcatncc tnttataacc attaaacttc atattctggc      660
tgggtttctt ttaaaagcac ttgtgnaaaa tttnggaagt antttaattt ggtaaacc      720
ttcattggcc tcttttctt ccatthtaaaa agngaacct nccttgaaaa acaaggggac      780
ccggggggga ntctaantant aattcacctc ttggattccc ttaancccc taaac      835
  
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<210> 3890  
 <211> 880  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

```

<400> 3890
tgtgatgaaa agtgaagctg ataagggat agtggtgact taggggtgctg atttagagtt      60
nggtcagaga aagtctttct tgaggagctg tgtgagggtt tgttcctatc taaaggcnca      120
gaggagattc aggccattg aagatgagaa aacnctcctg gacnacnttc ccactttttt      180
tgtaggacac tgttttgtna aaatttacat atatggctaa atagtctgaa actatggntt      240
cantggaanc aaccgggatg tgcccatgga agagttttcc caggaaaaga aaataattca      300
ttacagnttt nctggcnctc tgaaaaggga ccaggagctg ggaactgctg aaggctaagc      360
tgctgctatc tgtggntca aatggagagc cgctatgaaa atgctgcttg caaggggcac      420
attatataat tctatgggtt gatatcccta attttagaat ggaatgaacc taaactcttt      480
tctggantat gtttttggat ttagcccca aaaatgcctg gggangngg anggaccccc      540
ttaacttaac agcccatttg gcntggttct ttggggcatt tggecngcca gaaganggaa      600
ccagccctt tttaccttct atctgaacct gggntggcct ttttttttta aaggnnaaat      660
nnnnnnngna naaannnnna aaaccttggg nccttttana actttagnng ngtccgtntt      720
tncgtaanat nccacacttg gataagnntn cttttgatgg aggtttgggn ccaaaccccc      780
cccttggnaa tgccngtggn aaaaaaang cttttntttg ggggnaaatt tggggangcc      840
ttttggcttt attttgggaa ccntttntta ggctggccan      880
  
```

<210> 3891  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(808)  
 <223> n = A,T,C or G

```

<400> 3891
tcatagtcta aaactatcac gtctgagttg ccttaggatg acagtgtgta caccagtag      60
gaagtatccc atttttatca ggaaagttag tcacgcgtag ggatggtag gagacgcgta      120
tgatggtaga ggaggggaga ggaggagac ctgctggtag ccttgacca gggtagggcc      180
tgactcacgc tgcttcccc caccggccct gctntgcttg cctgcttttt ccagaatcga      240
ttttgcaagc ttcaagattc tggtcccttc ttgcacaaag tgaggaaggc aaataactcag      300
ggtttgaang gagacctgcc ggcctgaggg ctggcaaatg tgagggcagg acacctggga      360
tggaactcgt ggctgacca ggcccaaagg gggctgcctg ttcccaactc tttcactctg      420
taaccatttt taaaatgagt ttttgaatct tgcctcaaag tgacctactt ggataaaaac      480
agtgtttttc ctaacttgat tttgtttgac gtggttcctt ctaagaaaat ggtaggaatt      540
gaaactattt gnatagtttg aaattttagt ggggttcanga cccatggcag aaacacttaa      600
actattttat tacagtatga ctattttttt tcaaagtngg caattctttt gtatatttta      660
aggcaataaa tcactttacc ttttgggtgc ttncatgcgt cgcantaagc actcttgtca      720
atcatggnaa ttgggaaaaa aagatgtcca tttagttaaa caagaaaaca ctattttgta      780
ncatgaattt agaatggggn ccttttaa      808

```

<210> 3892  
 <211> 814  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(814)  
 <223> n = A,T,C or G

```

<400> 3892
gaatgtcttt gcttgaacac cccagtccac accttcgtgg ggcagatga tgtggctctg      60
gagttccagt ggaggaagca gaaggaggt gagtgggaga ggcctgctgc ccactttcct      120
tctgagctct ggtgacagcg gtgccagtca gtgttgccat ggagtccagt aaagaagaca      180
tagagagagc tgggcttttag gaaccagaga gccagggtctg ttgccacctt tcgtcatang      240
tgagtaaagg gactatatag gctgctgtta ctcttccaaa ttctgtcctc ttccacaatt      300
gtcagcgtag tctctcttgc ttggaagaga tatgctccag taagagacgg aagatagaga      360
tttgctgttg gattgtttct gggactgaaa gactctgggc tcacaagtcc agggcatttg      420
ccccttgcca ctctgttgat ganggagacc caaggtggtc tttagtactg cctactacat      480
accctcagtt gtcttcacaa gcatgtagt ctctgtctca aaaaaaaaaa aaaaaaaaaa      540
ctcgagcctc taaactatat gagtcgtatt acgtagatcc ngacatgata agatacattg      600
atgagtttgg gacaaaccac aactagaatg cagtggaaaa aaanctttat ttgngaaaaa      660
tggggatgct attgctttat ttgtaaccat tataagcctg caataaaca gtttaaccacc      720
accaattgcc ttcatttttt tgtttcangt tcagggggga ngggngggga ggttttttaa      780
ttcnggccg gggggcccat gcatttgggc cccg      814

```

<210> 3893  
 <211> 825  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(825)  
 <223> n = A,T,C or G

```

<400> 3893
taaactttat tctttttgtt a ttttgtc ctctggtagt gatcagtggg c ttttga 60
aaagaaagga cctatgaact caacttttagt tacagcaaag aaatgagtag gagacggagg 120
gaatggccag cagccattga agaggggagag caggctgggc ccaaggggga cccagtattg 180
gcagaaagga aagctcaggg tgtcaagtgg gcctgagaag ggatcatctg gctgaacaag 240
agaggtccac atgtagctct cagcacacac ttgtgcattc cagcttcagc atttgctcac 300
acgagttccc cgcctaaaat gcctgacatt ctccctctct acttaactca tgtaataaat 360
ttttactgaa tgcctgtaag tgccagcttt ctgaacagag ttggtcacag ataaagggtg 420
gtttagagat cattaaaaat gtcagggtatt tgactggatc tccagtcgga aaaaaaaaaa 480
aaaaaaaactc gagcctntaa actatagtga gtcgtattac cttnatccag acatgataag 540
atcattgatg agtttggcaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg 600
aaatttggga tgctattgct ttatttggaa ccatttntaa gctgcaataa acaagttaca 660
accaaccaat tgcnttcatt tttntgttcc aagtttcagg ggggangtgg tngggaaggt 720
ttttttaatt tcnccggccg cggcccccac tgccnttggg ccccgggacc ccacnttttt 780
gttcctttta ntgagggtta attgccccct tggnggtaaa catgg 825

```

```

<210> 3894
<211> 836
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(836)
<223> n = A,T,C or G

```

```

<400> 3894
gccatcctac attccagtga gggttgctga aaaaatccta tttgttggag aatctgncca 60
gangtttgag aatcaganng tgaacctgnc tntanangga tccattttgc aaaaccanga 120
anacacttta tgctgcaact gctgcaccgt cctcangcag nanccactct tcagctaagg 180
tggactactg aacaggtggc ggatcgcat angcagcact gtggctgagc atctntngaa 240
ncnnatggtg gancaancnn nttactggg tnnncngaag accatnnnat acnttnacct 300
nttgggacca tganaactgt ttccagcccc tantgacgca gcgaaacaca tgtatgaaaa 360
caccanccac tggtagtact gatcatgatg tgaagtgtgg cctntctaca gttaacngcn 420
cggtgtattt gctatgatga tgacaccttc ttcctctgtt gncttgacgn gcgnccntac 480
ggcaaggagc gcaatatatg tantcaagcg ngagaagggc cttcnctggn aactntacn 540
cgnaagcccc tgntatggct gggnggccct aagtctttnc tacaangtac aggaggcccc 600
ttcataaaac tcttcacccc acatggncct gnaaaagnac aaagtggntg ttaagnctct 660
aacttgatgt gcgnccgggn gcannctgag cttgcaggac ttgctgggccc ttnaaaangc 720
cngggcnagg aanttnaagc tngaannana aatgangcca atcnanttgg gncnnaanc 780
aatcanctg gggtttttgg gngganaaaa tcccnggact ntttnccggg gttttt 836

```

```

<210> 3895
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

```

```

<400> 3895
tgaagacact gaccttgtcc cgctacatct gcgagatgac cctgcaggaa taccactatg 60
tccaggagaa ggcttccaag ctagctgctg cctccttact cctggccctc tacatgaaga 120
actcgatata tgggttccct tcctggacat tacagtggct acagtatctc tgagcttcac 180
cccttgggtca gacagctgaa caaactgctg acttttcagtt cttacgatag tctcaaggct 240

```

gtgtattaca	agtattctca	gtcttc	tttgaagtcg	ccaaaatccc	tttggat	300
atgttgaagc	tggaggagat	gaactgt	gattgtgagg	ctcagggcct	gctcttag	360
cagcagccac	agggctaagc	atgcatgtta	acaggggtata	tttattctat	gntcgaattt	420
gcttttgatc	gcttttattc	atttttcctt	tctttgnctt	ttcccaaact	gataatgnta	480
taaatattta	tgttgcttgg	ttttatgaaa	gaaaaaatat	tgncatattt	gactacaaat	540
ttaataaaaa	aattaatggg	tattggtaaa	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	600
aactatagtg	agtcgattcg	tagatcngac	atgatagana	catgatgagt	tngacaaccn	660
cactagaagc	cggnaaaaaa	gcttattggg	aaattgggat	gctatgctta	ttgnaccatt	720
taactgcata	acaatacaca	catgctcttt	ttgttaggtc	ngggngg		767

<210> 3896

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 3896

ggagatgaag	gttggcagca	nctgggtcatg	aangtgtaa	caaggggcct	tactgggct	60
gngcgganct	nctgaagatg	tttgcnaag	agaagggttn	ggcctggtac	acatnaaaac	120
tcctgggacc	tcggagggtga	tcgagcctaa	ccnggggcca	tnntacagat	atgaagactg	180
agatgaagac	aggagaagg	ncatgctgng	aagtcctatan	actgggcctg	gctcctgggg	240
taaactaatg	ggnacaaann	tctgangatt	cctgcntana	ccacnaaatg	gacaggggna	300
aggcccntga	tggtnagccc	atgcctgaca	ctgacnantt	nacagnccaa	gaacacagng	360
atgaagaata	aaaagtggta	caatcggntt	cacttgtgcc	accaggatac	tttcaatgat	420
tgcnttctctg	tnccacaaan	ttcttttant	cttgggcggc	gacncaantg	anggannggg	480
gaacttatnc	atggacgccc	cctttttctt	cgantgggan	ggaccacttg	aaaacttcat	540
ggaaaggccc	anaggtttac	attggccccc	cattgnacct	tgagcccnaa	gcttgggnaa	600
tccaggaacc	ttngggaaat	ttggggccnc	cttggngggg	cttgaccccc	ccataanaag	660
gttccaagnt	gggccccent	gccttanggg	atnaaagccc	gttttaaacc	aacaatttan	720
gggggttaaag	ggttggccct	ttttcatngc	ccccccentt	naagngtaaa	aanaaanggg	780
ggnacccttn	tanaaaccnc	catngggaaa	aaaaaaactg	nggggccttg	gggnccccct	840
ttggggaatg	ncnccagnag	aaatnccna	ggggccttna	aaaccttttt	cctngggggc	900
aataancctn	aaantttgct	ttnttttaaa	aaaanattcc	ntggaacann	ggggggaaaa	960
n						961

<210> 3897

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(832)

<223> n = A,T,C or G

<400> 3897

gtttgcangc	tcatggagga	agcagcaggg	aaaacctggc	gctgcaaaat	gtgcaggctc	60
gaatacggat	ggtcctcgcc	tatctgtttg	ctcagttgag	cctctggtct	cggggtgtcc	120
acggtgggct	cctcgtgctg	ggatccgcc	acgtggatga	gagtctcctg	ggctacctga	180
ccaagtacga	ctgctccagt	gcgacatca	accccatagg	cgggatcagc	aagacggacc	240
tcagggcctt	cgtccagttc	tgcatccagc	gcttccagct	tcttgccctg	cagagcatnc	300
tggtggcgcc	ggccaccgca	nagctggagc	ccttggctga	tggacagggtg	tcccagaccg	360
acgaggaaga	tatgggggatg	acatatgcgg	agctctcggt	ctatgggaaa	ctcangaagg	420

tggccaagat	ggggccctac	atgtttct	gcaaactcct	cggcatgtgg	acacatct	480
tgcaccccg	gacangtcgc	tcaaaagt	gaagcgggtt	ttctccaagt	accatga	540
acagacacaa	gatgaccacg	ctnacacccg	cgtaccacgc	cgagaactac	agcccttgag	600
gacaacaggt	ttgatcttgn	gaccattttt	tgtaacaca	aagctggcct	tggcaagttt	660
cgggtgcatan	aaaaatnaag	tgctacaagc	ttcgagccct	ntanaactat	agtgagtcgt	720
nttacgtnga	tcncacntt	gataagaatn	catttggtga	gttnggnca	aaccnccact	780
tggaatgccg	tggaaaaaaa	gctttntttt	tgtgaaaatt	ggggaaggct	nt	832

<210> 3898  
 <211> 821  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(821)  
 <223> n = A,T,C or G

cttaatgtta	tcactcattg	aaaagtttct	tttaaaatta	tatatatggc	ccaatcttga	60
actatcttat	tttgaaggt	tttatctatt	tttaatttat	gtcctcccgc	ctttctcata	120
cccagctcca	caagaaaata	cagatctgca	gaaaatgatt	tgaatgccta	ctttctcact	180
cgtccaagga	tgatgctgca	tagctagtag	cactctagat	gcttggaaga	aaagttaatt	240
caatcaacag	atagtgcatt	agagttaa	tcttttatag	aactccattt	gagaggggct	300
cttaaaaatt	aagagcatgc	ataccaaagt	ataataaaaa	aaattaagaa	caaagatgta	360
atggcttact	gcatgagata	gaaaacaccc	atatattgaa	aattgagtct	ttagggttag	420
tttttatatt	atattatata	tatatatata	tatatatata	tatttttttt	ttttgagaca	480
gagtctcact	ctgtttccca	gactggagtg	caatggcatg	atctcggctc	acggcagcct	540
ctgcctnctg	gcttcaatca	gttctcatgc	ctgtagtccc	actgctcang	aggctgaggt	600
gggaggatca	cctgaatgag	ccttggggang	ncaangctgc	aatgaaccat	gaacacacca	660
ctggactnta	acctgggcaa	aaanantgag	aaacccgttt	caaaaaagaa	aaaaaatctg	720
gaataaccta	ttgggccttt	tggttaattn	nnaaangnnn	nnnnnnnnnn	nnnncnnann	780
gnnnnnnnnn	ngnnaaaann	nnnnnnnnna	naaaaaaccn	n		821

<210> 3899  
 <211> 881  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(881)  
 <223> n = A,T,C or G

agttttaact	tgaaccctt	cagtcaggat	gaacataaag	ctctcaagtt	cttgaaagga	60
tgagacacaa	gaataagatg	gggtaccagt	gaccagctcc	tctacctggg	gtcatggagg	120
accgaagacc	ctccaacctt	gatgcctgta	aggacaggcg	ctcctgtaag	ggatcagggtg	180
taaagaatct	ggccatagct	cctgtacaaa	gcctctttgt	ctgaagtact	tgggtgctct	240
ttgacggcag	gagggaaacac	aacctgtcgg	tggtgctggt	acctcaccac	gggggctcag	300
tggacataag	atctattgac	aggccctggc	agtcaccant	gggtgtgtgt	ggcantggct	360
gtgggggtgtg	agaatgactg	caacaggcac	ttctcaacaa	tgacctgctg	ttcacatggg	420
ccctgagcan	ggaggaaggg	agagggacaa	tggaagcttt	gttccagcat	tcctcttana	480
aaggggagag	acaatttcan	gcaggtgtna	tggaattgga	ataaaagcag	gangctcaan	540
gggtgggttt	cttgagtaaa	aggacaaaaa	tcgtgggtgc	ttttgtnggt	tcaaccacaa	600
ccctttcatt	gggccagaca	ccccacattt	ttttcccta	ctggncttcc	attttttgcc	660
cccttttttt	ncttaccttg	ccttnccaaa	aaaataagaa	tgcttgcttt	attaaaccca	720

ttttgggggg	cttgcttctt	gtcaag	gaaggggtgn	ttgcaaaaaa	ttccnc	780
ccangggatt	naaatgaaat	gtgttc	ccccctggag	ccttnttaac	atcttttta	840
accaggtgt	tcaaaaaaat	ttntttcccc	cncccnccn	t		881

<210> 3900  
 <211> 812  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = A,T,C or G

<400> 3900						
ctctgcagtc	tcttaagcag	attgactatg	atgcatgtca	cataaaacag	ttttctttct	60
gttctattgt	ggagtttttc	tggggctgga	gaacattctt	ttgttatttc	caaacactgt	120
ctataattac	canacatgat	ataaacacat	aagggtgccaa	ctggaattta	ctctagaggg	180
gactttccct	ctcagacttc	cagtcaactc	acacttggtc	aacaaagtgc	atgctgtccc	240
ctaaatatgc	aagcagaact	gtgtttctgc	ctatttggtg	tctatagtcc	tctacagtca	300
cttctanaga	gactaaacca	aatttctacc	aacttcacag	ggcaacaatc	aatagtttta	360
tctcaatgac	tcttgtatct	tcagacctta	aactgattca	nagaccatgg	ggcccacaaa	420
cctaatacga	gtaacgtttt	cattgagtag	acattcanac	atgagaatct	tcacttttnc	480
cttttttctc	ttggtaaaat	gttcacaaat	gtgcaggtaa	cacctgctgc	tactccagcc	540
attcngggcc	taaatctgca	gctctacatt	ttgtatctag	gtcttgagaa	ttgggaaata	600
gaaaattttt	atctaaaaat	gcaggtcctt	ttggttatca	aactcagaca	ttgaaatgaa	660
agtgcagnta	cccctttctc	ctcctttgna	atatgnatcc	atctcttgga	aactgggtcac	720
tattggccnc	aagtagatgt	atattnaact	ggttatancc	acattggaca	ctggttttca	780
taccctnaac	cctaaaggaa	tatggcccaa	ca			812

<210> 3901  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(815)  
 <223> n = A,T,C or G

<400> 3901						
actttatatg	gattctctaa	ttttaatctt	caaaatgcta	tctaattgtct	cattaagact	60
tgcataataat	gtatcttaag	tacagtcatt	aaatatagtt	tagggagatt	tatgttcaga	120
tattgcttaa	agatgtttta	ataggcccat	ttactctgat	gatattaatg	agctcttaat	180
acagactaag	cttctaaaac	tagtggtaaa	gactcccagc	ctgaacacaa	caacttgga	240
ttaatgcctg	ntttggacag	atgcctgagg	gtgagtcctg	cacacactcg	agggtcancg	300
cgagcccctt	gctggatgga	gccttgtttc	anaaaggggc	ctcctgtaac	gggctctggc	360
tgctgactcc	agagcaccca	ttcttcggcc	agcctgagta	ctgtcttttt	tctcccccaa	420
actgtgcaca	ggacatgtgc	taactaggcc	gaagtacctc	tccaagggtta	tttgagaagc	480
gctgatagcc	ttggcgggtg	cactgnggcc	tgtgaggggt	ttaaaggangc	tgttgctgaa	540
attncgtgga	agcatctgcc	aagtaagggt	tgcacagact	ggcatcggtta	cntgaaacaa	600
gcntncctnt	gncaccaagt	gaactgnaaa	anggcacatg	ggtgtgcttt	catcttttan	660
gcattcatcc	tancctgaaa	tacatgtaat	aaangngncc	tgcttatttc	aacntcggaa	720
ccnaaanaa	angcnnaaaa	aancctcgan	cctttaaaac	ttttntgagt	tttttttnt	780
aatccaaac	ttgataagaa	acattngtgg	agttt			815

<210> 3902

<211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

```

<400> 3902
ccaaactaga agctgtcagt gacaataact tggaattagt caatgaaatt cttgaagaca      60
tcactcctct aataaatgtg gatgaaaatg tggcagaatt gggttggtata ctcaaagaac      120
ctcacttcca gtcactgttg gaggcccatg atattgtggc atcaaagtgt tatgattcac      180
ctccatcaag cccagaaatg aataattctt ctatcaataa tcagttatta ccagtagatg      240
ccattcgatg tcttggtatt cacaaaagag ctggggaacc actgggtgtg acatttaggg      300
ttgaaaataa tgatctggtg attgcccga tccctccatgg gggaatgata gatcgacaag      360
gtctacttca tgtgggagat ataattaaag aagtcaatgg ccatgagggt ggaaataatc      420
caaaggaatt acaagaatta ctgaaaaata ttagtggaag tgtcacccta aaaatcttac      480
caagttatag agatccatta ctctcacag gtatttgtga agtgcattt tgattatnat      540
ccatacaatg gccacctaat ccttgcaaag aagcaggatt gnagttttnc aaaaggagag      600
atcttcanat tgtaaaatag agaagatncc aaatggngg caggcttncc catgttaaaa      660
aaaggangga aaccnctggt cttcnttnca agccaattnc tgggaanaaa aaaaaaangg      720
cttttggtta aanaaactgg ggacaattca agganccttt ttgggggact ntaagttgcc      780
aaaaaaaaaa aaaaaaaaac tcggnccttt taaactntng      820
  
```

<210> 3903  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

```

<400> 3903
tnnaanctaa tgcttggcta cttgttcttt ttgcaggatc ccatcgattc ggtgagccac      60
tgcgcccggc caaagacact ttcaaatact catgattgga tatgcctctg tgattgacag      120
tgagatttca aatgggttaa agattgctct gcaaagaggt taactgttga gattgataca      180
ggctatcttc aacatatgta cattgctgta tatgacattt acctaccatt gtgcatctgg      240
gacttctga tggaccacag gaattccctt ttcttcccat tctcttcag atctttcttc      300
tacttgaaac cccttatcta caaaaatgaa taaacaaccc aatctcattt ctgatcgtgt      360
cctggaattg atctagggca aggtctggag aagtgggtgg agacagcaga cagcttttgt      420
tagtcttcta accccagcac tttctcagcc tcatctgtgt gttcctgtct cactctgcag      480
acctcacttc acaatgctct tcagatcctt taatgaatag gaaattgatt ttgggtattt      540
ctataaaata cagcaaagtc ttagaaactt gcagtgtcct taagaagaaa gatcccttct      600
tatctccctg ccagtttttc tttctttatg gctcaaacac taactgattt tgccatggag      660
gtattngtct tcanactgct tttggtgaac tgggttgagg acataacccg ttgtctggtg      720
tatttt      726
  
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<210> 3904  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(797)  
 <223> n = A,T,C or G

<400> 3904  
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 ccaaaacacc ttcatgtgtt ggagaggcta ttatgtcaat aagtaaagaa catgctactg 180  
 tgaaaaagg acaggaacaa aaaagagttg ccaaaaataa aaaatattat tgtaaggtaa 240  
 aaaatttcat aaatgggcct aatagtggga tggatataac tgaaaactaa gatggatgat 300  
 aggaagacag tcaagaataa atataccaaa gtagcaaaaga aatacctgtg caagtagaat 360  
 agcttgcttc aaacagatga gatttgctct cccaacatca aaacatatca caaaactaca 420  
 gtaattaagt ccctttgagg ccagcactga ctgggataag caaatagata aatgggatgt 480  
 aacaggcctt atttcaaaact aataggttgt tcaccaactc ctagttggat accctgctat 540  
 ccattatgaa aaagaaaaaa aggttaagttc tcactctaca ccatacttaa atttcagatg 600  
 aattaagtat taaacataaa aattaaatga aacatgggtt tncctgggga ttctaagcct 660  
 actccaactt ggaagctgca aagttggctt tgtgntctac atgggaaaaa aaatagaact 720  
 gcaaaggaga atatttacta ttgactactt aaacttaaaa tactacatga cangnntgt 780  
 aaaatagtta aagatat 797

<210> 3905  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 3905  
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 atgtcagggg gaagtgtgac taaggtcacg gccacgccac gtgggtggcc agctggatcc 180  
 agagcagggg ccgttggtggc cacacatcct gagtttccat ggtctaagtc agtgggcttg 240  
 aaaaaaaagg gtggatgcag gatgctggct gggactgtgg agtgcggtgg cagtaagtc 300  
 taagtgcag tgggtggaga ttacagcatt tcactctgct ttcccttgac acccttttaa 360  
 gatacaacc acagttttca aggttttatg ccaatgtctg ctagagggat cttgcagtag 420  
 atcttaaacc ctatagtatt ctttaagagca caaggaaatt cttatttggg ttccatttac 480  
 aacaaagggtg gaaattttaa actaggctga gaatttgaaa tgctgttcac attagcag 540  
 ttattagggg gttattttga aatcgttctt taagtaattt taagatgttt ccacatctca 600  
 aaaggatnca tacatttttc ttcatttttc ttggagaat gtctgttcaa ggatgtttac 660  
 caggtttggg ttttcaaaat ttcagcggct tttatngngc tggcattcca ttcgacagat 720  
 tgggaatttg cccttanagg aaatgggaat gttttt 756

<210> 3906  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 3906  
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agctggatga	agatatgcaa	atgatgaa	ctttattttcc	tcttcacctc	tggcat	180
cagcggcaaa	tcttttcatg	atcccaag	gacacaaaac	attttcccat	agggaaa	240
acactctagt	tttgcaagta	tatgcataca	agagacttta	gattgatctg	catgaagatc	300
acagttaagt	atacaggagt	agaactgcat	tattgcagcc	tttttgttca	cttataaatt	360
tctcttttaa	atagatggag	acaaaggaca	aggtgaaatg	tatcaagtca	aagtgaatca	420
tttagttgac	tctataattc	taaggtcaaa	atgggaacttg	atagtttttt	aaattaaaaa	480
atgtatacac	ctaacataga	aaattaaaga	tagctgcaga	ccattagaaa	taatacaatt	540
gtntntgttt	acttttactn	catgggcatt	gaaaagggtta	agaaacataa	atgggtcatat	600
ttttaagggt	aagtacatgc	atatatatat	gcacacacac	ctntttttca	gcattttttt	660
gaaaaagtct	tggggtctca	aacacatttg	nctcaaccac	attttncnaa	atgtgattct	720
taatacctca	atnttggtt	ganaaaagt	ccngg			755

<210> 3907

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3907

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ttcaccatgt	ctcaaactcc	tgacctcagg	cgatccaccc	acctcagcgt	cccaaagtgc	180
tgggattata	ggcgtgagcc	accgcacctg	gcctatgagt	ggtcttttaa	ttaggaacaa	240
atctaattgga	aaggagagtt	gactgaagtt	ggcccacagg	attgtgagct	gggcagtgcc	300
ttcatgaagg	cttgccacct	tgggacgccc	cagtttactg	gggtgtcttg	cggagtgcag	360
aagctttctg	gcagctgcct	gggtttggcc	agacctgcc	tcccctccc	ccggccaacc	420
cctagtcccc	ttcctgtctc	cacttgcatt	caggggtggc	tgctgttctg	agaacattag	480
aactgggaag	agagatggga	gtcacatgga	tttttggtgg	gcattattct	gaactttcgt	540
atccaagtta	gtccccctta	ttccactgtg	ggcattgccc	gtctaagcag	ttacctgatg	600
cctgctgctg	aaanctgctc	acaggangcg	gcggcgcccc	tggcactgnc	cttgcattag	660
ncttgngttt	gatgtgttct	tgngaattac	tttgtcagac	aaaatattac	ccgttggggc	720
angaattctt	ttactccc					738

<210> 3908

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3908

agtttnncta	tgaacncttg	gganctcaan	ngcttggcta	cttgttcttt	ttgcaggcat	60
cccacgctt	cgaattcggc	acgagggttt	ntgttatagg	taacaggaaa	acaaactaat	120
ncaagtggta	atgtgtccag	ctaaaaattt	gggttctgtt	aagggttaaaa	gaaaatttga	180
ggtanccagc	agtatctgcc	tcagatgctg	anaagcctcc	tgagataaga	gcgtatacca	240
tgtccataac	tgaagtttta	acattctntg	ccaaacagaa	ccagaattta	agggcaggag	300
aatttgcaag	atagaatttg	caatttgcaa	gaggggaattg	caattctgca	agagaggggc	360
aatttgcaat	ttgcacagag	agggcaattt	gcaagagaga	attgtggggc	cctnagagag	420
aatacatcca	naggaagagg	gaaccangcn	ttacaaattg	aatngaacaa	ggacagatat	480
ctgaaggggg	tttggtagtt	cccantcaag	tatggtacan	ctangtgcac	ttccctggcc	540



agaccaccct acagtgtatg	ccctgg	ggagcaaaag	ctgcaagtaa	ctttggt	600
gccctataaa ttctgtctgtg	gcactat	acngatcaca	gccaantggg	ctgtncct	660
ttttacacag gatctgggca	tncacnccan	gattgcacat	ctggcacgan	tgtgtctgga	720
caggaagacc t					731

<210> 3909  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 3909					60
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aattcggcac gagggctcatt	gatagcaagt	aagtacttcc	tgaaggcttt	ccagttcaaa	180
agattacaag ccattctgcc	tgccaaacaa	attatattct	gaagatgcct	gttttgtaac	240
ccttgatgtg aatttttttg	tgtctgaaat	ttacaaaaga	atgaaattga	aattgtaaaa	300
cactaaatgc tttgggttta	ttttgaagta	atctgttact	ttaaaatgtc	aacattagga	360
agccataaaa caagatatta	tgaaacccan	tattataaat	gttatctaca	tctaaagtat	420
tttaaaataa cttattggca	gctttattct	ttttttcctt	acaagattta	gaatcttttt	480
ggttatatgt ctatttttca	attttggtat	atttttaatt	taagtggcca	atgtggttat	540
gaacaagatt tgtatggcca	gcttctgttc	tttcctaaaa	cttcagatna	atatcatttt	600
agctataacc taaaaaagtg	ttaaataaaa	tgacagatgt	taatttaaaa	gcagccatat	660
gctaattttac tttttcatat	gatgatgggc	taatgggaag	ttccatatgc	tttcttttgg	720
gcctaactct gaaaaaggtn	tatgtcagaa	gttctnggaa	atatgtcttt	agccaaggaa	747
ttttattccc cttaaaattt	ggntacc				

<210> 3910  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3910					60
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cacgaggctc attccagctg	gtctatcgtg	ggcctcanaa	ggtgaagagg	gaccgtattc	180
tggggccac natagaccag	ctgtagctna	ttncanctg	taccttggtt	gatgggtaac	240
ctacnactgc atcccatnct	gaatatnctt	tgaaactccn	cannagtgt	tatttaagtg	300
taaaannctcc tnagagnact	gcnnnnnnnn	atngtgnatc	tnnccctgnc	cntnganngc	360
tnnangngcn ccactactnc	aanccanaaa	gaaaagngtg	ctgntcataa	ngccncanta	420
cggatctgan ncatnagga	tnacatttnc	cnaaaggag	tnaantgnng	gnaantgcnt	480
gncactatat gaantacacn	ncantctgtt	antcactttt	aatnanntac	tgancctttt	540
ctaactatca ggcgtnttat	tncatgaatc	ccnccntggt	aagatacatt	tntgaactng	600
ntcaaangcn aacttcaatg	cngtganana	aatgctctat	ntngggaacn	ttggngannc	660
tnngctata ttngaaacgn	ntntnacctt	gggactggcc	aagtnaacan	cnttcaatta	720
ccnttaaaant ntantgttta	aaggntncaa	nggnnaggtc	ntgtgnccnt	nattaaatnt	748
aanaagnngn ccatatccng	ttnatctg				

<210> 3911  
 <211> 719

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(719)  
<223> n = A,T,C or G

<400> 3911  
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gatgtagagc tgagttgaac ctattcccct gatcttacta atgaggtgcc tgatattcag 180  
agagaccaag ggacatcccc aaagtcaacc agcaatccat tagagctgag cctagtacct 240  
tgattctcag acatgaatgc tacttgttga attgaaaatt gcattcataa tacatctctt 300  
catagattcc tggccaggaa gccccagaga ccaaaacagt ggttatcaat atttagaata 360  
tatcagattt acctggggag ctttatcaaa atccacactc ctaagcccaa tagggggaaa 420  
ctctgatgtg gtaggttttag ggtaagacct gagtatttcc aagaaaacct ccctggatga 480  
tcctgacaca gggagctttc agatcatcct ttgagaaaat ctgctttaga gctcattctt 540  
tggttcggct ntctcttttg agctcactga tatcatcctt gtggacactg aacttttctg 600  
gaagctttct catctcagga attgggttgg gttactctac aatcagattt ccatncagga 660  
tgtcacggca gtggctcaat actgcacctg tgtccttctc agccnaactg gnctggggc 719

<210> 3912  
<211> 755  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(755)  
<223> n = A,T,C or G

<400> 3912  
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gcaggcagcc cagcgtttcg aattcggcac gaggaaactg tttaantttt aaaggggtgt 120  
attggtgtat gtcactgaaa attccacagg tacagtgggc ttcaggcatg gtttgattgg 180  
gatgccagct ccgttttgct gagattccat tggttctgct ttctaccgtg tttcagcccg 240  
gttttaggtg caaaacagng gtggaaatgt taggcttcac atcaccgtac cacatagacc 300  
aaaatgagag ctaatatcca ggatgagaat gaacagctct tctaatacagg ctgtcataaa 360  
aataaggaag cttattttat agaagccttt accaaacctc cttctttgac ttgntgntcc 420  
aaattggatt aaccagccca ttctgcggc caaggaaata cactactggtt aaccagctct 480  
ttactaacc atacttttag caaagagatt ggattacca acaacttgat tgctctggag 540  
actactttg agttggggta tgagatagta gataggagaa tgatctgtaa gtagatattg 600  
gataagcgag taagaaatgc aaactacact gaggtcttgc actggtctag gttttgggac 660  
ccagatgtaa taggacatag ntcttttctc gagcctctag aactatagtg agtcgtatta 720  
cgtagaacca gacatgataa gatncattga tgagt 755

<210> 3913  
<211> 739  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(739)  
<223> n = A,T,C or G

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<400> 3913
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cataacctct gacagccact gatgtgttct ttatgactat agttttaact ctggaagaat 180
gtcatgtaaa tggggctctg tgttttgag catcatgcag ctgtaacctt tgattcagca 240
gataacaatg tgcattggcct ctccactcaa ggtaatgcct ttcagattca ttcaagtggc 300
cgcattctatc ggtagtctt tctttttcat tgctgagcag tattccatca caagggtgta 360
ccacagtttg ttcgtgcact catcaaagga catttaggtt gcttctagtn tttggtaatt 420
atgaatagag ctgcttaaaa acagtgtaca catgttttta taggaacata agttntcagt 480
tcttttaggtt aaatgccaac aaatgaaatt gctaggctat atgttaagta tatgctgac 540
tatgaaaaac tgcccaccat tttccagtgc ggctgatcac tctgcattct catcagcagt 600
gaacaagggt tctagtgtct ccctaccctn ttcagaatgt ggnattgnca gaattttaag 660
tttanccag tcttaagaag tttngtattg ntatcatatc atgggtttaa atttgnant 720
tccctgaccg gataatggn 739

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<210> 3914
<211> 749
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

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<400> 3914
agggnnnntn nnttcntctn atgaactcnt anggetgggc aactngttct ttctncagg 60
agcccagcgt ttcgcgtaca aacaccccaa nncaagcttt ttcattctgct gcntataatc 120
acgagtccta tncctctgca ctatcangng tnttntactn cctgctnaan ncnntgttgt 180
ccatttnatt aagacagaag ttntctnttat tgnaaattt gaactgtatc tatgttataa 240
tagtaatggt aactcantcc aaaggaccta ntnacaggaa gtaacntgtc ntacatatca 300
gtnnatatan ggmnntnagt agggacatac tgtgatcttg gnatacttgn aattttttan 360
nttctctgggc ggttcantgc attgatnnat cacatnatnn taanacatgt atgttgagac 420
anagcangan tctgtctcaa aaaaaggga aaattccttg actacataaa ttaaaagtcc 480
atgaatagga ttggcttcta gcatgcccct tcnggtgtc agacacttaa tcagaaattg 540
gacttgangt tanttttatt ctacaggccaa ccttctccag tantgatgaa nanggccacn 600
cagcaactnt gacctgcca tntggcaaaa atggatcana aaagtgtaan ctaagctgca 660
tcngaangcc cangaatgcc tctnactggc ctgacttncg tcatnggcc atctttgcac 720
aacctgtggn ctttggcang gcaaggggn 749

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```

<210> 3915
<211> 734
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(734)
<223> n = A,T,C or G

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<400> 3915
tctttgnaan cttaatggct tggtctctng ttctttntnc aggntcccat gcgattcgaa 60
ttcggcacga ggagtatgtg tccagcgccc cctgtggtgt gtgagagaaa gcagctgcaa 120
ctcaagtgc taggtgggcc cagctggctt cgtgcaggag ggcacgtcac tgcatacgac 180
ccggccaccg tgttctgaag gacagcgcca aagatgggtt agagtactg ctgtgggagt 240
cttcgtcccc acacagagga caggctgtc agctccactg tgcaagatga tgcacacca 300
gaccagtgc gtcaggacga tgctgtcac gacagcaatg gtgaagatgc ctaccgtggt 360

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cccatccttc	ctgcagcctg	gggag	gacgctcagc	tggtctgtgag	ctccgt	420
gccaggggtg	ttggacatct	gatacc	acacgggtctt	ccaaggggac	aaaggat	480
ggggtctcta	caagagagca	acagagatct	tagtcattct	cagggcctcc	gttgctctgg	540
ctctgccggt	cttctggaca	acggacaatc	caacatatca	atgagatgca	tctgagattc	600
tgtctcanag	tggcaagctt	tggagaagac	ccttcaactc	attgactgag	tcattctccat	660
gctgggagtg	gcttccacag	ggacagtga	cctctgctga	caaaaagcccc	tgctattcct	720
taactgtcct	gggc					734

<210> 3916  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3916						
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ttacaggcat	gagccaccat	gcccggccct	ggatgtattn	tctatcctag	aatgtccacc	180
tttaaaaatg	aagcccagtg	aaaagtgttc	ccccactaaa	atgtggactg	ttttgcttgc	240
agggatgtgt	gggtttcttg	tagatagaag	gctagagcta	gcaccttccc	aaattgcaga	300
ggaatcaatc	ctggcttgtc	tgtgagctgg	ggaggaatgg	aaaggtaggg	gccttgagag	360
tccttaatta	catagggaat	gtcctatcat	tttgtntatt	ctttaaaaag	ataatgggat	420
tctttntn	tggtgttagt	ctcgctttgt	cacgcaggct	ggggtgcaat	ggtgtgatct	480
cggtcactg	catcctctgn	ttcctgggtt	caagcaattc	tcttgctca	gcctctcaag	540
tagctaagat	tacaggcatg	caccaacatg	cccactaatn	tttgtactnt	tagtaaagac	600
ngggttttgc	catngttggc	caagcttggt	ctcaaaactc	tgacctcaga	tgatccaccc	660
tnnttgga	ccaaggcagg	aagattgctg	gcagccaaga	attcnanggt	gcaatgagct	720
atgattacat	cactgngctt	caa				734

<210> 3917  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 3917						
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aaaatgaaat	gagaacttac	ttttattatc	ctcacttata	cagatgagga	aaccaagaca	180
cccagagatt	aataatttgc	ctaaggtaac	aaaattagta	agcatcgtaa	ccaggatttt	240
tggtcagctc	acacaccttc	cccgttccct	cactatagtg	cctgctgcaa	attgtacttt	300
aagctatagt	tggacaaaat	attaaaatct	atctgggatg	ataggtgacc	aaaaaaaaaa	360
gtatatattg	aagtatcaca	gtgttaacag	ggcagtgaag	atgataaggc	taagatacag	420
aaaggaaacc	agagagcaga	gtctactgct	tgggactgtg	gctcctccag	gcacctttga	480
ccattcccaa	taaggtagcg	tgagaccctg	agcactcttc	ctgtaccacc	tacacagctc	540
tcctcttctc	ttcctgggtt	tactttattt	ttcactatca	gcatctgttg	cactatattg	600
tcgttatgtc	agtatttgtt	tggtgattac	ccattctcca	tggctaggaa	tgtcagctcc	660
agcctgggca	acaagagcta	actccatctc	aaaaaaggaa	aaaaaaaaaa	aaaaaaaaaac	720
tcgggccttt	ana					733

<210> 3918  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

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<400> 3918
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atcgattcga attcggcacg agctgaagtg aggttgaggt ggggtgcacgg agcccccatg      120
ccctcagtgg gtacaccagc ctcccagcac ttcctcatgt tcaccaacac ggaagcttat      180
cagagcttgt tgtttcagaa ctcaattgcc agctcactgc tgaagagatt ggtgggtagg      240
gctgaaagaa atatcagtgg gtctttgtgg tattcagccc catcctgaga tggcctatcc      300
aggggctcta taagaagtca cctcattagc ataaactcac atgtgaccaa aaggatcttg      360
ttatgaataa caaaagatgt tcttattact caggaaatcc caagagttta gatgctctgt      420
gtcaggggaag tggggatgca gaccaatttc ttattctatc acattaacca gaatcaagct      480
tataaaaaatg tttttttttt tgtatggtcc tcantgtgcc tacttgaata atttttgctg      540
atttgattaa aaaattctgn ttttccattc tcttttatta gctgtcccat agttttaata      600
cagccatcat cccaagacca gaaggaagtt aagtgtcat ttataaaaat gattgnatcc      660
tntttttcca tctattactt ttgngtccat tatgcatgtc aagctggtgc ttgggagctt      720
actctntgna ccctctatta gacagang                                         748
  
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<210> 3919  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

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<400> 3919
ttgaanctaa tgcnggctac ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagctttcat ggtatgtcca taggtgtaaa atgatggcct taatgcttat aataataagg      120
taggtttttg tatgtctaata atacagagaa atttccaaag actttttaat ctttgcttag      180
cataaggagt ttagtcagta actattacaa ggaaaaaatg atcagttttc atttgtcagt      240
tctataagcc ccaggcaagt ttctttcggg tttgactttt tattaattaa ccatatccta      300
agtgtctaaa gccatgagtc attttttaaaa tttatctttt tttgtatgcc atcacttcta      360
gttttaccac tttgtactca caaagaagcc acaaatggat taatcattat gtcactaag      420
gaaataaatc catggcatag gggtaaattt aaaaaatact ttgtactagg attttataat      480
agcttaaatt tattgaaggg ctactgtgtc acaatcaaca tgcctcagcat ttttcagtgt      540
ttattttcca tttgtaactg gcaactactt aggattatth agttaaaatc ccttccttta      600
tggaatgaga tgtctgttta ttacgtttac agccacatta cagatctatt gacataaact      660
ccactatggg aattgtgtct ctttttttcc ccctctctgg ttcacctgct caatggttta      720
aca                                                                    723
  
```

<210> 3920  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(723)  
 <223> n = A,T,C or G

<400> 3920  
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 caggaccctg agacatcttg ggattcctgt ggttttaggaa agaccttta ctaccagctg 120  
 gtagttgtct cagcattctt caaatagtcc ggtcttggtt aatattatta ttattattgt 180  
 tatttaattt ttttttattg caactgtact tagagaatag tctgggtctg agaccttttc 240  
 actgtggtct gttctgggtg acggctccca ccagtgtgaa gcagaaggat gactttgctc 300  
 tgttgtcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg ggaagagaga 360  
 gccacctagc atgtcccccac tgaaccagtc agcagaaggc cttccccagg aggcctccaa 420  
 cagatccctg aatgccacag aaacctcaga ggcttgggat cccaggaccc tccagcgctc 480  
 aagatctccc ttgccgtggt cttttccgct atcacactgg ccacagtcc ctccaatgcc 540  
 tttgtactca ccaccatctt actcaccagg aagctccaca cccctgccaa ctacctgatt 600  
 ggctccctgg ccaccaccga cctcttggtt tccatcttgg taatgcccat cagcatcgcc 660  
 tataccatca cccacacctg gnactttggc caaatcttgt gtgacatctg gctgnccctc 720  
 gan 723

<210> 3921  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 3921  
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 ccaagcagac cttggcatta tagatacagg tttctaaaag ctgatatgctt ggctgccagc 120  
 ctcattgggt ggatcaccca caacttcatg ggctcttct agtggaagct ggagcatttc 180  
 cttggtgaat tcttttccct gaggggcaag atccatgcc caacagctctc tgacctgtg 240  
 tgtcacaacc cttatggtcc atgagcaaaa tggttgctag tagtcatttg ggcatttctc 300  
 ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360  
 tacttccagt gagtcagttt acttggtttt cacatcttca agttgagtct agaattggagt 420  
 tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480  
 agtgccatat cactctact ggctctctag agattgtgta aaggaggctg gccttttgga 540  
 gatgatctga atacatggta ttgaggacaa accttcttcc caaggctgat ttgataatat 600  
 gtgagtttgt ggggtctaaca tgtagaaata cactcaactg aatggatgtg gggtaatctg 660  
 ggtattttaga cagggtgggt tggtnngttt aatgggncca aacctgttt nctggaaaa 719

<210> 3922  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 3922  
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 cccancgatt cgagtgggta gcaaggagtt ctgtgtaaact acttgggagg catccaagcg 120  
 gagagttaag taggcactga atatttaagt tgagctgagg ggagtgatct agactggaca 180  
 taaatttttg gagtcactag tatacagatg gcatgtcatg gaactgattg anattgtttg 240

tggccttaag	atcaagccct	gactgg	agtaataaaa	ctctggtctc	acagtc	300
agctctgngt	ggggaaaaaa	acctaata	acactaacia	cggctaaagc	tgcaaaag	360
ganactgaaa	aggttcagcc	nttaaagtgg	gagagtattt	tattattttc	aagaaagagg	420
gaatggtcac	ctctgtcaaa	tgctgntgan	aagttacaca	atgagaatag	agaaatgtct	480
atttgatnt	gacaacatga	tggtgactgt	tttgacaagt	ggnccaagcc	acattgggat	540
gcttcgaaga	gagaatagga	agtgaggtga	atatcgacag	ctcgtagggg	aaatttgctg	600
ctgtaaaatg	gagagaacca	cttaatgctt	caganggaaa	tgggggtcaaa	aaaaaaggct	660
ttttttttta	atttttttta	naacaggagg	nccttcannc	atccagggtg	gagtgcattg	720
ngcaaattnc	cggttacca	anacn				745

<210> 3923

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3923

agngnnnnnn	cnnttcnct	nttgnaacct	ntnatggctt	ggcaactngt	tctttctcca	60
ggnagcccat	cgnttcgaat	tcggcacggg	cctagtagta	ccctgacctc	caggtgcccc	120
tgactctggg	aaagcctttc	tgatgatctc	aagcttgcan	attctgtccc	tgttctgacc	180
gggggtcaca	gcctagtggg	agaacaggac	ctcctgctaa	gatgctggaa	ggaccctttg	240
ggggagctga	ggcctggctc	ccctctcccc	aggcgaggt	gcacaggcgt	gtgggctgtc	300
tgcaagcaca	gatcctgcct	cacagcacca	ttaccacaat	aactgaatct	gtgtttcctg	360
gctgctgtta	attgtgctan	agatttgggg	catggttttg	gggtgaaggt	tnnaaatgag	420
caattagccc	tnaaatgtta	aactaataag	ggaaataaat	gatcaagcaa	agtctagcct	480
angaggtttc	agcaaccgaa	gatgggctgg	gacggggctg	ggatgccgcc	gacccagcag	540
ggagtggccc	ancnggtttg	cttcaatgac	ccangatgtt	tccacaantc	ggaaaggggt	600
gctatcttnc	tgtctgtctc	ttagaaagtt	ctatcttacc	ccnnggatct	nacttacacc	660
accagancat	tactggtcta	cccgncaagg	ctcttctgct	caagaagaca	gggaaaggat	720
ttgctttccc	cacnccatta	nnacccc				747

<210> 3924

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3924

ttntnnncta	cttgatgntt	ggctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgaga	aaaaaacana	aaaaaacctt	gttttcagtg	ttatgggaga	gaaatgaaca	120
atgggaaaca	accgaggaaa	gctggagcag	gttacgtata	aaaataaagt	ccattcacca	180
aaaaaggcat	tacttacgag	ttaccagggg	tgagagatag	gatgctgaag	tggtctagaa	240
attaagctac	ccagtatgga	agggctgaca	attcagtgat	cgagagcagt	gccttagaac	300
agccaaaaca	atagcaaact	gagatctgca	gaattaactc	tcttgaaaat	aacaaggagg	360
tactcatttc	acgttttcctt	ctatttgatt	tacaagaggg	tgtagcttga	gggaaaatgc	420
ctcacacttg	ttgaattaca	cagttgtttc	tcattcactt	ttaatcacgt	tttgagcacc	480
tgctaagtac	caggcatttt	gctaattgag	agcacagagg	taaaagacac	atcactactg	540
tatgaaatgc	gtagctcant	ggtgtgatac	acaagcacag	agaggtgnacc	agagagcaag	600
gagggcatgg	aaganaggcc	ttnacttttt	ggactgggaa	nggagaaaga	tgtangacaa	660

gaaaatcttt cccttaagga gatgct ttgaacttgt gccctngngg aanaag 720  
 ttnaccant tngggcttan 743

<210> 3925  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3925  
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 ctggctcgta ggaacgggtc aaggccttca ccatgagaag agcaccaaag ggagttaata 120  
 tgggggtgac cagaggtagg caaaggaagg cctgtgggcc aaatctggcc agctacctgt 180  
 ttttataaat aaagttttat tggaacacaa ccatgctggg gtttggttca tatttcctga 240  
 ggctgttttc acactgcaat ggcagagggt agtggttgac acagatgccg tctcaccaaa 300  
 gcctatgata tttactgtct ggccctatac anaaaaagct tgctgacctc tggggttagac 360  
 tgctcaggtg tananactaa ggagggagtg ataagtcctt gttggccacc tgaggttttg 420  
 nctgtgtcag gaagctgcag atgggagatg tccaggcagt ggctcanaag aacccatgga 480  
 ggacccatta agggaanggt tgggtatgtg acaccancca cgcccangtg aaccanctgt 540  
 gcagtcaa atacanaactn ccgtccctta caccttctct ctctgnggtt tcaattttag 600  
 tgaaagtcan ccacaccnca nangtngaac caaccctgtc agtcaaaatn caaaactttc 660  
 cttgcccctt taaaccttcc tttttncctg gtttccaatc ctggtggaag gtccataagc 720  
 cccagtcctn gaanccaagg nng 743

<210> 3926  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 3926  
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 cncaggnag cccatcgctt cgtcnaacna catnctggg ccctttttca tggggattna 120  
 tgnctagtgt nnngggacag gaccattcan tggttgntt nnaanntga tggngtnaan 180  
 tgcnnntaga ataaanngaa cagancaaaa taangnnngg ntagnaggaa gatggnatgc 240  
 acatganaag ataanggcag cagnanaggt gaggggaanga gtggatatng gggatgacn 300  
 ttatnaangc cangaaacta gaatctnagn gacggaaaag cttnaaaagn tctgagncnc 360  
 ttncnancac ggnggggtacc cnggggtcga acaaaccgnc ttctttgaca tgttgtaanca 420  
 tactgaacan ggnntccnaa tcctgcggcc aangnaagac acgnagncta nccnagtcgc 480  
 tanngccna accaatggcn attncnaggc gtgatctaac gcactacagc ttgnactcct 540  
 gggctgaggc ggganaatca cttggaccca ggaggcatga anttgangt gagnctnaga 600  
 acacgccaat gncatacgcc tngnncccn anggnccnaa aacccccggt ctaanaaaaa 660  
 angggaccca agaaagggng gaatccccca accccggccc nntagaacca tntcaccct 720  
 aaaggggaag gnnnctttta nggaaaanna nccgggcntg gggnaaaaaa acanggcctt 780  
 ntaggnc 787

<210> 3927  
 <211> 736  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3927

tnntttgnaan	ctaangcttg	gnagctngtt	gttcttnenn	caggntncca	tcgattcgtc	60
tgtggttgga	agcctgaatg	tgaatcgctg	caaccagacc	acagggcagt	gtgagtgtcg	120
gccaggttat	caggggcttc	actgtgaaac	ctgcaaagag	ggcttttacc	taaattacac	180
ttctgggctc	tgtcagccat	gtgactgtag	tccacatgga	gctctcagca	taccgtgcaa	240
cagttctggg	aaatgccagt	gcaaagtggg	tgtcattggc	tctatatgtg	accgatgcca	300
agatggatat	tatggcttta	gtaagaatgg	ctgcttgccc	tgccaatgca	ataatcggtc	360
tgccagttgc	gatgccctca	caggtgcttg	tttaaaactgc	caggaaaata	gcaaaggaaa	420
tactgtgaa	gaatgtaaa	aaggatttta	tcagagtcc	gatgccacta	agaatgtct	480
tcgctgccct	tgttcagcag	tgacatctac	aggcagctgc	tctataaaat	cgagtgaatt	540
ggaacctgaa	tgtgaccagt	gtaaagatgg	ttacataggc	ccgactgcaa	taaagtgtgaa	600
aaatggctat	tacaattttg	acagcatctt	gtagaaagtg	ccaatgtcac	ggccatgtgg	660
gaccccagtt	aaaactccca	aagatttgta	agccnnaaaa	ntggtgantg	catcaactgg	720
cttcatacac	ccactg					736

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3928

agggnnnnn	tnncta	ctgnaacctc	taanngcttg	gcnacttggt	ctttttgcag	60
gnagcccagc	gattcgaatt	cggcacgaga	taacctaggt	nttagaagga	taggaacaac	120
aaacatcatg	atcttacaca	cctgcacttt	ctagcaccag	ctcctggaga	aaaatcgaga	180
ggctgaatgg	tgtctgttaa	cagattatag	tcagtgaggc	ctctttcctc	agatgttgta	240
tcttatcaat	ggcagacatt	ttcaacctga	aagacacatg	ctcattacaa	gacttagtag	300
tgtcttaacc	ctgttttcac	ttatcagtcc	aagacgtagc	cgacatcaaa	gtattcagct	360
tattacagaa	ttgacttcc	caaagtctct	ctcagtgttt	atccaagatg	taattcactt	420
agcatcttta	tctcgctgca	caggactaga	gttgccctcg	aaaaaactca	ggataccact	480
tggctataga	tcacagtact	tgttcctcgt	atttgcgtta	actngtgtga	atatgcagcc	540
tccgtgagat	atttgcatac	tgttctctgt	aacacacagg	acaacagact	gtcttccgca	600
gtcatacact	cagtcataatt	ctcaaatagg	tattccagtt	caaatgtata	aatcagtag	660
tcttacatgt	tacagantgg	gtgggatgtt	cctttgccag	gggattaaaa	aaaaaaaaat	720
cccaagtctt	aatactgntt	tctnccnacy	aat			753

<210> 3929

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

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<400> 3929
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accatcgat tcgattcggc acgaggtgga ataatatctt ttgaaataac taagtccact 120
aaattataca gtatgtatt ctggttctaa gtacatatta gtcccttggc aaatctgttc 180
tttcaaagca taccttcccc aaatgagcct acctacttct taaaaaacat ataacacaat 240
gtggtagtag taggtgtnag gaaggtaagt tntttcatag gggnatgcan acatatnatt 300
gaaatattac atagatntaa agacttaggg aataaaaaata gcagcaacaa atacttgata 360
gatttatect acttgggaga aatattttgt agcagagtat ttagtatact tagaagtiga 420
tttagcaatt aggctttaat gaccttacia agtgaacata actgaacaca ngatattttc 480
caatgcaaga tgaggatgaa aatnttacat ttttaacccat ctggctaaag tttagactta 540
gcaaaaatna anatgntgcc tttgnccaag tatngattca ngngactaga catatatggg 600
tgtgtaataa ggaggattg gactgaaata tnttttgag ggtttcacat gtaaaactgc 660
acttgccctg naaggatnnt ggnaanaatc tngtttttc ctcagncnnc ntnagaaca 720
gtaaggggnc ctaacctnnt ttaacccgta aatg 754

```

```

<210> 3930
<211> 788
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(788)
<223> n = A,T,C or G

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<400> 3930
gnnnnnnnaa gngnntnnnn tttgatancn tnttnaanct taanggcttg gctacttgtt 60
ctttttgcag gctcccagcg attcgaattc ggcacgagcc cgccacatgg cctgtttctt 120
tccttgctgc tcctgcagca cagccctgac tggggggctt tgctgtgtcc ctcancgctg 180
cagggcccac tccttctct gtcttggtct ctgcttagcc agcgacgggt cagggaggca 240
tggttgccca gcccgcaagg agccaggcct cccagcaccc cttcccttgt gtggcctcct 300
cccacatggg atctcagccg gtcttggtct caactaaaca ggacgtggca ggcgtgatgc 360
cctgccatt ccaggcctaa gccttgacac agcctggcag cttctgcttc tgaattgcag 420
gaccccaact gtcagtataa gaagtctggc tgctttgctg gaaaggccaa atggagagac 480
cacgtgagag gccacatana caggccttgt ggagagggaa aggtgctgag actacctgga 540
angggagccc agttgacaa acacccccca ctgagcccat cccccagnca ttccttgcca 600
ggacacccaa catgtaagt angcatcccg ggccgttcca ancttggna ancgccantg 660
ggactgtaac ttgcannagn aaaaattttg ctttnnaacn aaaagtactt ggcenancnt 720
gaancccan ttngtccca cannaattcc ttggagagna taaacccaaa ttgaattggt 780
tggttnca 788

```

```

<210> 3931
<211> 460
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

```

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<400> 3931
ttcnaccagc tcttgttctt tttgcaggat ccctcgattc gaattcggca cgaggcttgt 60
tctggggaaa gtcataataa gtatggattt tattcctcaa ctagtaggat accaatactg 120
gtattgaaac ttggggaaaa taactggaga taccagtgcg gctattttaa gctgtagcaa 180
gggctgcaat cttgcggaga ttttaaagag aagtttttaa gtttctaata ctgatgcctc 240
tttttggtaa atacaagttt tataaatcct gccctgggat cctgattccc cattaatcaa 300

```

gatttgtcag	acttcacctt	caattag	aaaacacagt	tataagaaca	gattttt	360
taaattttcc	aaattaaaaa	accacat	gattttgaac	aagcacttcc	acacatta	420
cccatttgt	atgccatag	tgggagtata	attgtcacag			460

<210> 3932  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 3932						
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attttaagt	tgcagctcag	ccgtatttag	tgtattcaca	atgttctgca	accaccagcc	120
tcctgagtag	ctgggtgtgc	accctgcacc	cagccagaag	tggaatatct	tggtggggct	180
gggcttagag	ctggagctgg	tggccggctc	tgctcgctta	cagaattctg	tacggtttct	240
gattttctctc	agcccatctg	tccttcactt	gcaagcatct	gatgactgct	gcatgtacca	300
taaaaaacatg	caaatatata	attcttggct	ttgaggaggt	gaccctatga	aatttgactta	360
aaaaagttgg	gctggatata	gtggctggcg	cctgtaatcc	cagcactttg	agaggctcag	420
gccggagggt	cgcttgagcc	caggagtttg	ataccctgtc	tgagagagaa	ttagctgggc	480
atgttagtgt	gcgcctgtgg	tcccagctac	tcaggaggcg	gggcgagagg	gatccttcca	540
gctgagatgt	gagggttctt	tgagcccagg	aggtccatac	tgagtgagc	catgattggg	600
ccactgcatt	ctagcctcag	tgacagantg	agactgttta	aaaaaaaaaa	aaaaaactcg	660
agcctntnaa	ctatagttag	tcgtattacg	tagatccnga	catgataaga	tacattgat	719

<210> 3933  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 3933						
agagnntnnn	nnttggtgac	tctaattggct	tggctactng	ttctttntnc	aggagcccag	60
cgattcgaat	tcggcacgag	gcctggcgaa	ttttttttgt	atttttggta	gagtttcgtc	120
atgttgctta	ggatggctctc	aaactcctga	gctcaagtga	tccacctgcc	tcggcctccc	180
agagtgtctg	gattacagtg	tgagccacca	tgctcacct	agggtgtttg	gtttttaagt	240
gaaacatgca	catggtaaac	attaaaaccg	tctaaaaggc	tgaccatga	aaagcaaggc	300
tcccttctcc	cacccaatcc	ctgaattctc	cctggagagt	atccctccta	agtgcacgca	360
cttccactct	gttccatttc	tgctgttaa	aactacttag	tgagcttag	tgtagtggaa	420
cctgcttcag	aataacccat	atgggtcttc	tttattctca	tgaaccacag	agcatttcat	480
gtgttgata	tattgtctcc	tacttacgga	catttggggg	tgtttctgtt	tttgtttgtt	540
ttgtgacgga	ctcttgctct	gtcaccagg	ctggagtga	gtggcacagt	ctcgtcatt	600
gcaaccttca	cctcctgggt	tccaacgatt	cttccctctc	acctcccaag	tagctgggga	660
ctacaggtgc	ctgccacat	gccactnat	ttttggattt	tttggtaaaa	caggggttca	720
ccatgtttgg	ccaggcttgg	tn				742

<210> 3934  
 <211> 799  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(799)  
 <223> n = A,T,C or G

<400> 3934  
 agttttnnnan ntnaacnnnt tgctgccata gctggtcttt ttgcaggacc catcgattcg 60  
 aattcggcac gagggggccc ccatttttct caaatnccct gagcctcaag aggtggngga 120  
 agagttgaag aagtacctgt cgtanggaga tttgggtaga agccctcatg ctgagctttg 180  
 tgtccctggt gatgttgga cattaatgat ggaacatggc caaacttcag tcatgatcct 240  
 gaaaccatgg cttcaggatc atgactgaag tcatggtttc ttccctgcca gaaatgaagg 300  
 ttcagttatg aggcaaccct ctagtaaggc attgtaaaag ttactggntt nggtttaata 360  
 aaagttgaaa tanagtanat gaaaganaaa ananaaactc naggctctag aactatagtg 420  
 agtcgtatta cgtagatcca gacatgatag ggatacattg atgacttttg acaaacacaca 480  
 actagaatgc actgaaaaaa atgcttttatt tgtgaaattc gtgangctat tgcttttatt 540  
 gnaaccatta taagctgcaa taaacaagtt aacaacagcc aattgcattn catttcatgt 600  
 ttccaggttc aggggggaag gncttgggga aggggtttttt taaattnnac ggggccgccg 660  
 tggnccaatg ccnttggggc cccggtaccc caagcttttn ggtnnccctt ttantgnaag 720  
 gggttnaatt ggccccccct tngggcntta aatncatngg gncantaacc tnggnncccc 780  
 cnggggtggg aaaaatttt 799

<210> 3935  
 <211> 834  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(834)  
 <223> n = A,T,C or G

<400> 3935  
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 ccttttgaac gggagatggt gcataaataa ttgttgagta tgcacttttag attctttgct 180  
 aacatcacat ttggtgaaac tataaaataa ttcccatgaa aattggattg cttaatatca 240  
 taactgatat ttaataatat ttaatatgtc tctaaaattt ctggctaaaa tgaaaatatt 300  
 caaccatcag gaaggagaaa caaaactatt actgtttgta aacagtttat catcagtact 360  
 tacctaaaaa tcttgagaaa tgagctcaga aatatttcta agagttgaga cagtttagca 420  
 aaatgaacag atacaacctc aaaccaaacc aaactagaaa gctcagagga cacagaaatg 480  
 ccagtactga gctggcaaca cctctgttgt ttgtgaaaat gttctctgga acacatggac 540  
 acaggaaggg gaacatcaca ttctggggac tgttgtgggg tggggggatg ggggaaaggg 600  
 ganaantncn nngnnnnnnn nnnncccant nnnntnnncn nncnnnttnn nnnnnnnnnn 660  
 nnnnnnnnnn nntnannnnn nnnnggggnn nnnnnnnnan nnnnnctttg gnnncnnnnn 720  
 nnnnnnnnnn nnnnannnnn nnnnnnnnnn nnnnncccn nnnnaaaaaa nnnnnnnnnn 780  
 nttnnnnnnn tnnnnnaaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncn 834

<210> 3936  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

```

<400> 3936
agagnnnnnn tttttgaanc tggctgg ctactngttc tttntncang atcatgcg 60
attcgaattc ggcacgagtg gaagctctca ggccaagggtg attgacagag atggttttga 120
agtaatggaa tgtataaaaag gagaccagta tattgtggac atggccaaca ccaagggtca 180
tacagcaatg cttcatactg gtcctatggca tcccaaaaata aaggggagaat ttatgacttg 240
ctcaaagtat gcgactgtga ggacgtggga agttgaaaat ccaaagaagc aaaaaagtgt 300
gtttaaacca cggacgatgc aaggcaaaaa agtcattccc actacgtgca catatagtag 360
agatggaaac ctcatagcag ctgcctgccga gaatgggaagc atacagatct gggaccgaaa 420
tttgactgtt catcctaagt tccactataa acaggctcat gactcgggca cagacacttt 480
tgcgtgactt tttcctatga tggtaatgtc cttgcctctc gtggagggtga cgattcatta 540
aaattatggg acatccgaca atttaataaa ccactttttt cacctcgggt cttcccacca 600
tgttcccaat gactgactgc tgtttcagtc cagatgataa gctcatagtc actggtacat 660
ctattcaaag agggatgtgg cancggaaca cttggtttct ttgaaccgta ggactttcca 720
aagggtgtat gaaatagaca tcccagat 748

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<210> 3937
<211> 747
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 3937
agngnnttnn nctttgaatn tnatgctggc tacttgttct ttttgcaggt ngcccatcga 60
ttcgaattcg gcacgaggta agatcctgcc tcaaaaaaaaaa aagtttatgt tctcaaagtg 120
ctcataatct agtggttagta cagtatttga gatattagag cagtttctcc tccttttgca 180
actaaggaca tgtatcctta aagcagaagg aatggcagag tcgtgtaata aacctcaag 240
taccattact tagcttcaac aactatcgac actctactgt tcttgtttca tttatgcctc 300
acctccttcc catccccac ttgaatattc tcatcctttt tttacagttt ttaagataac 360
aattacataa ctgaaatgca caaatcttag ctgtacagtt ttgacatatg gatacacctg 420
tgtaaccaat gactgtatca caacatagag catttcatct cccagcaag atccatgtgt 480
cttttcctag ttaatgcctc tttatttctg agatgggttat tgcctctgctt ttgtttttca 540
tgttaggcta gtcttgctg tttctagaatt tcatataact gagaacatac agnaatgtac 600
tactagtagt tgtctgactt tttcacaaag gataatgtct ggcggtattc attcatgctg 660
ggngtatgca tcagtagttn attntctttt tactattaag tagtgttcta aggactattt 720
taatagcatn ccacaaangg ggtntga 747

```

```

<210> 3938
<211> 747
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 3938
agttnttcnc angannactn antgggctgc cctactcggt ctttttgtag gnngcccatc 60
nattcgaatt cggcacgagg tgtgggtcan tttcatcaag tactttacaa ggtaatagaa 120
tatcacaagg caagtggagg cagggtgaga tcacgggacc agggcgaaat taaaattgct 180
aaatgaagtt tcgggcacca ttgtcattga taacatctta tcaggagaca gggttttgag 240
atcaaccagt ctgacaaaaa tttattaggt gggaatttcc tcttcctaag aagcctggga 300
gcgctatggg agactggggt ctatttcacc cctgcagttt cgacagtaag agacggccac 360

```

gcccagggggg	ccagttaaga	gaccccc	caggtgcgca	ttctctttct	gatgtt	420
ccttgctgag	aaaaagaatt	gatatt	tctccattt	gcttttgaaa	gagaaat	480
atggctctgt	tccgcccggc	tcaccggcgg	ccagagttta	aggntatctc	tcttattccc	540
tgacaatcgc	tggtatcctg	ntttttcaag	gtgcccacat	ttcatattgc	tcaaacacac	600
atgctgtaca	atttgtgcag	ttaatacagt	tattacaggg	tcctgaggtg	acatacatcc	660
tcctcagctg	acaggattaa	gagattnaag	taagtaaaga	caggcatagg	aatcacaag	720
ggtattgact	gggggaagtg	ataantn				747

<210> 3939  
 <211> 810  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(810)  
 <223> n = A,T,C or G

<400> 3939						60
agncntnnnc	canntnnact	nctntggctg	cncatactcg	tcctcgcccn	annangacag	120
ggcnnngcga	atncggcacn	cagaggcagg	tgngtttttt	aaaaggtnaa	cacaccngtt	180
atgccttcnn	gtacgggcat	gcgagccaga	agantntgca	nctgcnnnga	gagatgaagc	240
naaactntgc	aacattcaac	tgcatataa	aaaaatgatg	ccnanagggc	ctttgagcaa	300
gaaatgnngg	nngatnaang	acaccgngg	ccngaactct	gcgcgggaca	tnnnggttat	360
ggctctgtna	gctcntaact	ctgcagntga	cccagacnnc	tannggcngg	actaggggat	420
gangcggctc	actgtgggcn	ntncgtgaga	ccncaggnc	nncatgatga	ctgnaaacag	480
antcccanan	actctactgg	atcctccctt	ttccttgcta	acacatgaaa	ctgatccagg	540
atacacagcg	caanaagnat	ctgaatggca	gtgaattctc	ttnaacataa	cccgcnatgg	600
cnatnggggc	ttcantggaa	tagangggta	caggtcaacn	ggggttgacc	ctgcggnttn	660
gnnnggncan	cggcntntng	agncanaaat	acncgtaang	ccaantttac	agccatgaan	720
caaggatccc	ccnttngggg	tttggggatc	atcacggnat	tgntgttggt	ggcantaacg	780
ctgaaatgga	aaagggaacc	ttgcccctta	natgaccctt	tggggaaanc	ccctnaaaan	810
ggaatcgtaa	aagnccaanc	nccaangtcg				

<210> 3940  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 3940						60
agagnnnnnn	ntnttgactc	ctaattggctg	ggctactngt	tctttntnca	ngtngcccag	120
cgantcgaat	tgggcacgag	ataacttcta	aggaaacaaa	ccaccctcac	atgcactatc	180
tcatttgat	ttctgtcaat	tctgaaaggc	cagcatttgg	ccagtattat	ttgaatctgt	240
attgtatttt	ttaaccagaa	gaatgaaggt	ttatagcttc	attcttttgg	aagaggaggc	300
tggagaccac	aggttaaatg	caggtgcac	gctcttggcc	ggccctggaa	gggtcctttc	360
tcctcctttt	tacactcgca	gacaagcttg	tggatgctca	ataaggacag	ctgccgtttg	420
gacagagatt	aatcatttat	ttgtgaaggt	tttttctgcc	ttgctttctt	gttctttttt	480
aaatcttcac	attgttttga	tcccaaaatg	tttgtgttgt	ccttactcaa	aactaggaaa	540
aacaattatg	tggttaagagg	ctcagagcca	cttacttaaa	tctactaga	tttatttgtg	600
agaacatctg	ttttctgata	tttagacact	tnctcttcca	ttgctgtttc	ctatgactca	660
tgacacagta	tttgttcagg	tttcatggga	atttcccaag	tgtatttacc	tttgtttggg	720
tttttaaaaa	tgtaaattat	attggcccaa	taaataagta	tgtgttgtca	nggggactgt	

<210> 3941  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

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<400> 3941
agngnnnnnnn ttttgnntct aatgcttggc tacttgttct ttttncangt tcccatcgat      60
tcgaattcgg cagcaggggc catgtacctc cggacaccc tctctccacc gaccagctca      120
agtccacact gcagaccctc ccagagattg tggcaaagga agcacagggtg aaagtggccg      180
aggtggaggg cgagcagggtg gacaacaagg ccaagctgga ggccacgctg caggaggagg      240
cggccatcca gcaggagcac cgtgagaagg agctgcagaa gcgctcggag gtggcgaagg      300
atthttgagcc cgaacgtgtg gtagctgctc cccaaaggcc ggggaccgag ccacagccag      360
aaatgcctga cacagtcctg cagtcagaga ccttgaagga cactgccccg gtgctggagg      420
gcttgaagga ggaagagatc acgaaggagg aaatcgacat cctcagcgat gcctgctcta      480
agctgcagga gcagaagaag tcaactacca aggagaagga ggagctggac tgctgaagga      540
ggatgtgcag gactacagcg aggacttgca gggagatcaa gaagggaact ttcaaagact      600
ggtgaagaaa aattccgtgg aagaatctaa agccagcaag agattgacna aaagggtgca      660
gcaaatgatc gggcagatcg atgctttgat ctccactgga gatggccaca gcttgcagct      720
ggcccggcaa cggatgccct

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<210> 3942  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

```

<400> 3942
aggtnntnnnt tttgacccta atggctggct actngttctt tntncagggt gcccagcgan      60
tcgtttttacc ctctataaat gcattttctt tggatattct cctagattct cagggatatt      120
tccatatttt actattcatg agtttagaag agtgtttact ttcttgagtt ttcatttcct      180
tctttttctt ctgtcatagg taatttacag agcaaatagc caccagagag gataccgtaa      240
gggatgtgga aaatgagttc ctttgcgctt atccagttag gttgattttc agtcaatgag      300
cattcagtat atgcctggga ctctggcttt attttttagc tttgtgatgc caaaccatc      360
aatgaacttc tctgtatatt tgattcatca tgaaatggtg acactgaggg tggctgattt      420
ccaggttttac atcagttgcc ccagggaag tgcttgccc ttgtctgggt gttgctgctc      480
taactttgcc ctgttaattg aagaaatgcg gctgtaaaca cttctggggt gttgctggta      540
ttttctgtcc tcacagttta cagagaaacc catattttca gcctcttctc ctgctttctg      600
tcttttctgg aaccatcttc accgacctgg tgtaatcttc attgngtgt gantntgcac      660
agatgtaaca tctnctcaaa gcctantgcc caccttccaa cttcacgaaa atctggagct      720
caggaccacc attctttcca aaccct

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<210> 3943  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3943  
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 cgaattcggc acgaggggca ggctttgaga ggatcgactg caattttgaa agaagttgta 120  
 ccgtgagtaa aatgcgatca aacagcattg catgcttcag agaaatcttt cttcacaaaa 180  
 ggaacaattg gtgcagcaaa attaattttc ttattttaag aaattgtcag ccgggtgtga 240  
 gccaccatgc ccggccgaca taggctatct tttaaaatgc aagctcttct gaaccatata 300  
 atatgatgtt ttaaaatata gactctgaag acaaagacct gggctcagaa tcaggcccca 360  
 ccacttattt tcaatggaat cttgtctgaa tcttgtaatc tttccaagcc tcagtttttt 420  
 catctgtata atagggataa aaataatagt aaacaaataa atgtatttct tttgaatatc 480  
 tagtagtatt ttaaaaaatca gataactaga attatataac tctatgtgct ttatttttta 540  
 cttgtttgct ggggaatcaaa gagcttagtt ttgttttttg ntntttgntt ttttttgaga 600  
 ccggagtctc gctctgtcac tgcactacag cctgggtgat agaattgatac tctgtctcaa 660  
 aaaaaaaaaa aaaggaaaaa ggatgaaatc acacttggag caaaaaaccc aangcatatt 720  
 taaagatttg ngatttgggt taa 743

<210> 3944  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 3944  
 agtnntnnnn natnggaaac cnttatggct nggcctactn gttctttttg caggagccca 60  
 tcgattcgaa ttcggcgaga gattgcncat tgnttttata tgtaagttgt ctttatcagt 120  
 ggttctcaaa gtgtggtccc ctgctagtat agntncagcc tcacattgga actgggttaga 180  
 aatgcagact tctcaggatc cacctaattg cagnagttaa ttttaacaag cccttcggtg 240  
 atcctgaaac atgttacagt ttgagaaaca ctgctataat acgtgtcatt tnaaattgnt 300  
 tcaggttgtg ggggtaggga ataagactac caattttatc atcttctgtg caatattacc 360  
 tgtttaccta actcttagag atattaanan attttgaaga atgtgtccca tgagattata 420  
 atggaactga caaattccta tngcttagtg atntcatagc tgnatgaag ncttantgct 480  
 gtaccttact catgtgtntg nggtgngat ngtgtacaca aatcttctgc actgccagtc 540  
 gnctgaaagt atagcacatg gccgggcgcg gtggnctcag cctataatcc caacactttg 600  
 ngaggcttga tgcaggcaga tcacaaggct aggnanattg agaccatnct ggctaacacc 660  
 ggggaaaccc tgtctcttct anaaatncca aaattagctn ngtgtggtgg cncacgtttt 720  
 gtaatcctgg ctacttggan gctgaagcac caga 754

<210> 3945  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 3945  
 agtnntnnnt nnatnaactn nttgctggct acttggttctt tttgcangat cccatcgatt 60



cgtctcaccg	tgatcaagtt	ggnttn	cggtccctt	ctacagcctc	accaga	120
ctcgtttctt	tgggaaccct	gactccc	aggaccaaga	ttggcctgag	gactaa	180
aattcactta	gggtcgagca	tnctgtttgc	tgataaatat	taaggagaat	tcatgactct	240
tgacagcttt	tctctcttca	ctccccaagt	caaggggagg	ggtggcaggg	gtctgtttcc	300
tggaagtcag	gctcatctgg	cctgttgcca	tgggggtggg	acagtgtgca	cagtgtgggg	360
gcaggggagg	gctaagcagg	cctgggtttg	agggctgntc	cggagaccgt	cactncaggt	420
gcattctgga	agcattanac	cccaggatgg	agcgaccaac	atgtcatcca	tgtggaatct	480
tggtggcttt	gaggacattc	tggaaaatgc	cactgaccag	tgtgaacaaa	agggatgtgt	540
tatggggctg	gaagtgtgat	taggtangag	ggaaactgtt	ggaccgactt	ctggccccctg	600
ctcaacactg	acccctctga	atggtnggag	gcagtgcccc	agtgcccaaa	aatcccacca	660
ttantggatc	ggnnctatg	aaaaagaagc	ctggaaaaag	tattggggcc	aatgtgttaa	720
gngnggaatc	ancacattcn	tactgnnat				749

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3946

agnnnnnnnt	tnnntctttg	ngcctaatgc	ttggctactt	gttctttttg	caggnaccca	60
tcgattcgaa	ttcggcacga	ggacttgatt	tggtaatgaa	aggacaaata	gctttcataa	120
catgaacata	caaaaataga	tgctttgctg	ttgttcagtt	ttctcaagac	ttactgtttt	180
aagcttgtaa	aattaatgaa	cagtaaaata	gcagaaaata	gtgatacatt	ggatgatttt	240
aatagtttta	ttagtgagat	atttgaggta	ttcgaattac	tacaattctt	tccaatccta	300
caagttaaaa	attttgttat	ggttgctgac	ttttaaatgc	tgtttattct	ctgaaggcag	360
ttttatgatg	catttagaaa	aaaggtaaga	gagatgtagg	cattatactg	gttcactctt	420
tacctaatgc	atgaccagta	tactagagga	agttgtgatg	gaccagagtc	tttttgtttt	480
gtaatcaa	gaatagtcc	ttcataacca	ggacagctag	tgtgtgcttg	agaatgtctc	540
cctcactata	tgatctggga	tattctgcat	taaaaggact	cccttcccag	tattggggaga	600
aagagagatn	aattgacaca	tttttactct	gactccttca	tttatctttc	cacataccag	660
gatcattttg	gnctttttaa	atgtccaagg	ttccaataag	tttaaattgt	attagtggnc	720
ttctacattt	gatcagtaat	gnagatggc				749

<210> 3947

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3947

agagnnnnnn	ttttgactcn	tantggctgg	ctactngttc	ttntnncang	nngcccagcg	60
gttcgaattc	ggcacgaggt	ccatctttgt	agctgacatg	acacatttta	aaaatttcac	120
attaaaatga	aggcatctaa	tggtccatt	atgtctttta	gagtggctctg	gcccagctaa	180
ttgcatattg	aaatacatta	gatttgcat	aaattacttt	cctttattgt	cttttctgtc	240
aatcttagga	cattaaatgt	atatgtttga	aattgtgttt	aggtnngtta	tctgagcatt	300
tggttcatat	agtaaagaga	gtgttataag	ttcactgtaa	gccccagggg	ctttgggact	360
natnnggttt	anaacattgc	actaggggaa	atgaattgtt	aagnnatgnn	acttctctan	420
actaatgant	catctgantt	aatacttttc	atgtgaagca	tttttaaaga	aagcaaacca	480

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gectggtgcg gtggntcaca cctnatcc cagcactnng ggaggcagan gctgga 540
tcacgangnc aaganattga gctnctgn ccaacatggt gaaaccctgg ctaactaaa 600
aatacaaaaa ttagctgggc atantggtac ntgcctgtag tcccagcttc ttgggangca 660
nagcaggaga attgctttga cccgggaatg gaggttcant gacccaaatc gcgccactgg 720
ctctacctgc acaaatgaga t 741

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```

<210> 3948
<211> 847
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(847)
<223> n = A,T,C or G

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<400> 3948
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aactggattt gtggttttag aaagatcatt tggcttctgt gtgaaagagg ccaaaaccag 180
gagcagaaag accagttagg aagctgtgac agcagttgag agacgatgtt gtcaaagtct 240
gcagcagaac agaacagggg tgaccccaaca tggacatcat ctctgctctt cagtcacctg 300
tagtgcagag ttttgaagta ggtctgagca tggaaaccgt agtggttggg aaggaaatgc 360
catttgcceta tggggtgatt aagatctttt tttttttcct caggcggagt ctcgctctgt 420
ccccaggct ggagtgccgt gacgtgatat cagctcactg cagcctccgc ctccctgggt 480
caagcaattc tcctgcctca ncctcccaag tagctgggat tacaggcgcc caccaccag 540
cctggctaatt ttttgtatth ttaanngnnn annnnnnnnn nncntntnn ntntnnnnnn 600
nnnnnnnnnn nnnnnntnnn tnntttnttn nnnnnnnntn nnnnnntnn nntnnntnn 660
nnnnnnnnnn nnnnnntnn nnnnnnnnnn nntnannnnn nnnnnnncnn nnnnnntnn 720
nnntnnnann nnnnnnnnnc ntntnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnna 780
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ntntnctn 847

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<210> 3949
<211> 743
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

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<400> 3949
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caggtctccc acattgcttt catctttgtg ctgtttgttg tccctttcca tatctgtatt 180
tatgctacct gttagggctc ttgccgaagc aggggtggga acaagaacca cagatatact 240
tctgtggttt gtgaagcatt gtgtggaggg ctgtgtacac agagtacctg gggcagttgt 300
cacagccact ctgtgtggta gctgctactg tgcccactct agaaatgaga aggctgaagg 360
accaccccag ggccacacag ccagtatacc caaaagtcac acatttgtac tctgttgctg 420
tctctgtcc tatagtacca cgcactaggg ctctgttcca tgtgcgtaag aatgaccgcc 480
tanccgtcaa taagatgatc agcaagggtc cacggcatgg cttaagtctc cctttgcta 540
ctgcatgatg atcccgggtg gccagcaagc agctggaaga ggaggatggc aggtaacggc 600
tctcatctct caccactaga tgatgcctna ctcatcctac catgctgggc caccccaacg 660
ttttcttgcc acctatggtc ttttgtancc cgtgacagcc actgtttgac ttcatcgana 720
cttnttgcgc aacaagcacg aaa 743

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<210> 3950  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 3950  
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 ggccattctc agacgagtgc atcccatggg aagtgtggac ggtcaagggt catgtggtag 180  
 ccctggccac ggagcaggag cggcagatct gccgggagaa ggtgggtgag aaactctgcg 240  
 agaagatcat caacatcgtg gaggtgatga atcggcatga gtacttgccc aagatgcccc 300  
 cacagtcgga ggtggataac gcgtttgaca caggcttgcg ggacgtgcag ccctacctgt 360  
 acaagatctc cttccagatc actgatgccc tgggcacctc agtcaccacc accatgcgca 420  
 ggctcatcaa agacaccctt gccctctgag cgtcgctgga tctctgggag ctccctgatg 480  
 gctcccagac cttggctttt gggaattgca cttttgggcc ttggtgctct ggaacctgct 540  
 ctgggtcatt ggtgagactt ggaaggggca gccccgcgtg gcttcttggt tttgtggttg 600  
 ccacctcagg tcactccttt aatctttgct gacngttcaa tcctgcctct actgtctctt 660  
 cataacctgg tgggggtccc ccttntttct ccatggacag aanaccacca ctgggggatgg 720  
 ggaattaaag ttganaacat 740

<210> 3951  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 3951  
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 nttcgttcaa tagcatgtta agtagatatt atctgacaga cctacaagtc tcacttatcc 120  
 gngacatcag acgaagaggg aaaaataaaag ttgctgcgca gaactgtcgt aaacgcaaatt 180  
 tggacataat tttgaattta gaagatgatg tatgtaactt gcaagcaaag aaggaaactc 240  
 ttaagagaga gcangacaa tgtaacaaag ctattaacat aatgaaacag aaactgcatg 300  
 acctttatca tgatatttnt agtagattaa gagatgacca aggtaggcca gtcaatccca 360  
 accactatgc tctccagtgt acccatgatg gaagtatctt gatagtaccc aaagaactgg 420  
 tggcctcagg ccacaaaaag gaaacccaaa agggaaagag aaagtgagaa gaaactgaag 480  
 atggactcta ttatgtgcag tagtaatgtt canaaactga ttattcggat cagaaacctat 540  
 tgaaactgct tcaagaattg tatctntaaa ttctgctact tgaataactc agttaacgct 600  
 gttttgaact tacatggaca aatgtntagg acttcaagat cacacttggt ggcaatctgg 660  
 gggagccaca ctttcatgaa ntgcattgna tacaaaattc anagttatgt cccangaata 720  
 ggtttaccat gaaaccccat tnn 744

<210> 3952  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(764)  
 <223> n = A,T,C or G

<400> 3952  
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 aggtgaagag ggaccgcatt ctggggccca cgatngacca cctgtagctn attccatcct 180  
 gnaccttgna tgaggggtag cctcccactg catcccatnc tgaatatnct ttgcaactcc 240  
 ccangantgc tnattttaagt gttntactt ttnagagaan tgcgacnatn caattgtgag 300  
 atctccnctt gcccatgccc tgntngnagg gcacctctnc tccaccnnaa tgganngggg 360  
 ngcagctnaa nggccctnan acgganctgn tttcatnaag atnacattac acngagnnga 420  
 gctaactggc ctgnatngaa angntnntta tgancnaagn nacaancttt ttaanngttc 480  
 ctganannac ttgngncnct agaacaatag antgtccaat tacaagatc cncacntgat 540  
 gcnatacntt gatgagcttg actacaccnc ngctttaatg caannncaaa aantgccctn 600  
 tttngnaaat nnnacatata tncgttttan gantaacat ncanaaagt gnattanacc 660  
 angttgaacn ccncaatgnn ccttcaattt taannggcta ggntnngctg anggtanagg 720  
 accgcccant nttgtttgct cggccnggna atgggattgg ccct 764

<210> 3953  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3953  
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 acttagaccc aagaagggag cttgaggtac aagaaaactt cagggtagac aggaaggagg 180  
 cgtggtgaaa gtgatgaaag gggagagtag aagggtggtc cagggtcaga caggaggtta 240  
 gatttaatcc ttcagggcac tttcattaca tcatagctgc cattttgtct tttatctgac 300  
 tcaataataa gtcagtaata agtaatgttt taattaaagg taaatgcttg gcaggtaggt 360  
 taaacttcat tgagtcccaa tcctgtcata attattgtgt atacctttct cagctttttg 420  
 tctacttgaa atataatttct tcttcctttg agcagccaaa atggaagtgt tggatgtgtt 480  
 ggctctgttg gtaggctcct gttggatgcc tgttgtcact cataaatgta acaccacaac 540  
 cataattgat ggcanagttg agttgcaagc ttttaggact aattgcaaag tctaaactaa 600  
 aacatttcct gganctgcct ttaaataata ataataatac cttgtataga tacagtgtt 660  
 tacaatttac agagcacttc cacatacatc atctcattta atcttcacaa ttaacaatgc 720  
 nttttgaatg cttagatatt tcctangg 748

<210> 3954  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 3954  
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 cgattcgaat tcggcacgag gtgatgctgg tgatcaatgg actggaagcc aacagcagag 120  
 acttagaccc aagaagggag cttgaggtac aagaaaactt cagggtagac aggaaggagg 180

cgtggtgaaa	gtgatgaaag	gagtag	aaggggtggtc	caggggtcaga	cagtagtta	240
gattttaatcc	ttcagggcac	ttattaca	tcatagctgc	cattttgtct	tttctgac	300
tcaataataa	gtcagtaata	agtaatgttt	taattaaagg	taaagtcttg	gcaggtaggt	360
taaacttcat	tgagtcccaa	tctgtcata	attattgtgt	atacctttct	cagctttttg	420
tctacttgaa	atatatttct	tcttcctttg	agcagccaaa	atggaagtgt	tggatgtgtt	480
ggctctgttg	gtaggctcct	gttggatgcc	tgttgtcact	cataaatgta	acaccacaac	540
cataattgat	ggcanagttg	agttgcaagc	ttttaggact	aattgcaaag	tctaaactaa	600
aacatttctt	gganctgcct	ttaaataata	ataataatac	cttgtataga	tacagtgtt	660
tacaatttac	agagcacttc	cacatacatc	atctcattta	atcttcacaa	ttaacaatgc	720
nttttgaatg	cttagatatt	tcctangg				748

<210> 3955

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

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gattcgaatt	cggcacgagc	gcataaggaa	agctggaaaa	taacctataa	ataatggcaa	180
aaaaaaaagca	aacaatagga	agaggaacta	tataaaaagga	acatttggag	catagaagag	240
agttcatgga	aatgtaaaaa	atgatggtac	cctggggttg	atatagtaag	taaaaaacta	300
agggtgaagag	ggatcatgaa	gcatctanaa	ntaggaggga	aagccagtca	aattcacagg	360
atgaagtcag	gaagataata	gagcantgcc	cgcangatcc	tgagggaaaag	caagttccaa	420
tctataagtc	tgtaaccctc	acacctgatg	gccccctgaa	catattcagg	gcttcaaaaag	480
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	540
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	600
atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaaa	660
acacctgatc	catattggag	tggtgggatg	cgagcttcag	gaaggggatgc	cacaagggna	720
aagtggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	749
cattactttt	gcttcgaagc	cccggctga				

<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3956						60
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gattcgaatt	cggcacgagc	gcataaggaa	agctggaaaa	taacctataa	ataatggcaa	180
aaaaaaaagca	aacaatagga	agaggaacta	tataaaaagga	acatttggag	catagaagag	240
agttcatgga	aatgtaaaaa	atgatggtac	cctggggttg	atatagtaag	taaaaaacta	300
agggtgaagag	ggatcatgaa	gcatctanaa	ntaggaggga	aagccagtca	aattcacagg	360
atgaagtcag	gaagataata	gagcantgcc	cgcangatcc	tgagggaaaag	caagttccaa	420
tctataagtc	tgtaaccctc	acacctgatg	gccccctgaa	catattcagg	gcttcaaaaag	480
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	540
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	600
atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaaa	

acacctgatac	catattggag	gggatg	cgagcttcag	gaagggatgc	agggna	660
aagtgggaang	gatgatgact	ttcaaga	agttacaggt	ctttaagaat	catccaa	720
cattacttttn	gcttcgaagc	cccggctga				749

<210> 3957  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 3957						
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tggtctctgc	aaggcctctt	ctgatatgat	taattgattg	taaattaagt	aatcaaggca	180
tactttgttg	atttgtcata	tctgggtaaa	aggtttatgg	tttatttaat	aatgaaact	240
gcaaaatcag	ttttctacat	ttctgttata	tttttgttaa	agcacttaaa	agaatttctg	300
ctctgtccag	gggcaagatt	cttgccaaga	gaattaatgt	gcgtattgag	cacattaagc	360
actctaagag	ccgagatagc	ttcctgaaac	gtgtgaagga	aaatgatcag	aaaaagaaaag	420
aagccaaaga	gaaaggtacc	tgggttcaac	taaagcgcca	ggtaagaatt	tggtgtatat	480
ttcattgggt	ctgagagcac	tttaagggtg	agatttaaca	catcacataa	ttattntatt	540
cccttttttt	ttcctttaat	agcctgctcc	acccagagaa	gcacactttg	tgagaaccaa	600
tgggaaggag	cctgagctgc	tggaaacctat	tccctatgaa	ttcatggcat	aataagggtg	660
taaaaaaaaa	aaataaaggg	acctctgggc	tacaaaaaaaa	aaaaaaaaaaa	actngagcct	720
ntagactntg	tgagtcgttt	acgtanaacc				750

<210> 3958  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 3958						
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gaattcggca	cgaggtaatt	tgtaaattct	gtggactttt	tcaaagtat	atcatttact	120
gagtcctgatt	atcacacggc	ctggcatata	ataagtactc	tataagtatt	ggctgatttc	180
taataggtct	gaaaatttat	cctttagaat	tttttcttca	gttggttttag	cgagtttccc	240
tttgatgttg	aaaatgtttt	tttttaaaaa	tctaacctag	accatcccaa	atcatgaatt	300
actgttggtg	gaaacagtga	gactactggt	tttatgccac	aggtttataa	ttatgcaa	360
aaatactaca	tctttgcatt	catttttggt	ttacttaccg	aattttcatt	ccaggaatgt	420
ctgaatctga	acaggctctt	aaaggtaact	ctcagattaa	attactctca	tctgaagata	480
tagaagggat	gcgacttgta	tgtaggcttg	ctagagaagt	tttggatgtt	gctgccggca	540
tgattaacca	ggtgtaacta	ctgaagaaat	agatcacgct	gtacaattag	catgtattgc	600
aagaaattgc	tacccttctc	ccctgaatta	ttataatttc	ccaaagtctt	gttgtcctca	660
gaccttattg	ctttaaaata	taataatgnt	ttcattactt	ttattatttg	gaatgattta	720
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<210> 3959  
 <211> 743  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3959

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gangagaggn	ctcggatgac	catgcttagt	taanggggag	ggtgaccttt	natatgcaag	180
tngggaaatn	caganaaagt	gaaaggggnc	canaatgaaa	acacatgaaa	taagataagc	240
aganatgaaa	ngnggcnc	gaactgtaag	aagcatttga	acaggcanaa	cagtgcctgga	300
gactttagga	gagggctcaa	gctgccatgt	ggccgggtcct	caaatagttc	tagaatgact	360
agcatatctt	tttacaaaac	tatnagcaac	ttgagggcaa	aaataaagtn	tatttatctt	420
gcaccngaa	naataaacnt	ggtgctnggc	attnggtagg	tnnnctttat	ngtatatat	480
gaaaagcata	ttttcatttt	attagaacat	tgtggtaaaa	attctattga	aaaccatgct	540
ntaatgtaga	tagctcnact	tanttcggan	gttccaaact	tttngttca	agtncccat	600
tatgctccta	aaattggtct	gccagtctaa	aatacttant	tnatgtnggt	natgtctatc	660
gatatttacc	attnagaaa	ttaaaactga	nagatttgaa	accattnttt	naaacctta	720
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<210> 3960

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3960

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aaggcagctt	caaagccaaa	tcctcaggaa	gggggatctg	cccgggctag	ctagtcacgt	180
gtcaggcaca	gtcagctctg	ttgaggggtg	tgcagtgagg	gctcagttag	gccacagagc	240
tcagatgtgg	ctatgaagac	tcctgggttg	tgggggatgg	cagttctcac	agatgagagg	300
tatggatggg	ctgggtgcaa	tgactcacgc	ctatgatccc	agccctttgg	gaggccaagg	360
tgggcagatc	acttgaagtc	aggagttcga	gaccagcctg	gccaacatgg	tgaaacccta	420
tctctaccaa	aatacaaaaa	aattangtgc	ccatgggtgt	gggtgcctat	attcccagct	480
cccaggagac	tgagcangag	aattgctcaa	accaggagc	ttgaggttgc	agtgagtcaa	540
natcacacca	ctgcncnca	cttgagcgac	agaataagac	tctgngttaa	caaaaannaaa	600
aaaaaaaaact	cgagcctcta	naactatagt	gagtcgtatt	acgtanatcc	agacatgata	660
agatncttgg	tgantttgga	caaaccacac	tagaatgcan	tgaaaaaaat	gcttttattt	720
gggaaa						726

<210> 3961

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

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<400> 3961
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acaaatacct ctcttggtcc agttacacaa gtcataatct actgagcacg atggtaaaat 180
cctttaaaaa tgtagtaaaa agaacagagt atgcatatgc aaaggaggag attggggaaa 240
gcaaattaga agtctatgca ttctgtagac agtgaaagct ggttcaagca gaatgaataa 300
gaaagtaatt taaaaagaag gcatcactta ttgactaagg tcaaacagga ggaatacaca 360
taaaaaccag aaactaactt caagcagaat gaataagaaa gtaattttaa aagaaggcat 420
cacttattga ctaagggtcaa acaggaggaa tacacataaa aaccagaaac taacagcaat 480
tatgatgata atattccaaa aaaaatcttg agtgaagaag aagaagaaga agagtaatag 540
caaacccttg tgataataag tgccagggtg gtatgatgtg ctgctattaa agtaaatgga 600
tgttcaatta ttttaatttat aattctggnt tcattggatag tcctttaagg gaagtgtat 660
tttgatgttc atctttacat gtgaagaacc ggttaagaga gattactgat tctccanggt 720
cactcactga tgggtggtgg naattgg 747

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<210> 3962
<211> 750
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

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<400> 3962
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gcccctcccc atggagaaca ccaggagcca cagacccag accacagagc acacagggga 180
gggcacgggg cggccggggc aggggtgtctg ctgcctcggt tatgggattt gctccgcgtc 240
tagcacactg ctgcctgcag tgctcctgtc ccctgcagtg gctactctgg gcctacgggc 300
ctaatecttg ttggcatgaa aatgtcctga ggctactgtg acaaatttcc acaagctgag 360
tggcttaaag gaacacattt gttctcttac agttgcaggg gccanaagag tctaaaaaca 420
gtcagcaggg ctggttcctc ctggagctta gaggggctga atccgtttcc tgcctttttt 480
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gtgtcacatc tttcactctc cctgacctga ctncgccttt ctcttagaag gaccctgtgt 600
gactttggac tactagataa tttaggggtca tctcttcatt tcaggaacct ggaatttaat 660
cccacctgca agtncctttt gccaggtaag gncacaaatt cacanggtct tgaagatgaa 720
agatgttgga ccctttttga gggncatgat 750

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<210> 3963
<211> 462
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

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<400> 3963
tnttcatctn gcnnrtggnc ttntngcacg atccctcgat tcgaattcng cacgagacac 60
attcttccat ttgtcagtaa gagtaataat ttgactgttt tattggattt tagccttttt 120
gatttcatat agctgtatct taatatatca ttgtttttta tatgtctaca ttgaataactt 180
attacttgtg caatgaaaaa taataattaa agatgaaagt taagcctgtt accactttca 240
gagaacaacg tgacgttttg gaatttaaaa ttttttcagt agatttgaga aaaacttggg 300
ttaaaatgaa gatattatgct cagaactgag attccagggt ttaagtctgg ttttaaagct 360

```



gtcttcaaga ttttaatgta t	ctgtgt gtataggatg ctctcatttc t	tttaaa	420
aatgaaaggg atcgctcctg t	cccagc actttgggaa ga		462

<210> 3964  
 <211> 828  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(828)  
 <223> n = A,T,C or G

<400> 3964			
ccccctttnt ataccntcc tntactnngn tctttttgca ggatcccatc gattcgcttt			60
gtcccaatat ttgtgacacc agtgaatga cttgggttaag ttgggttgac caggttcctc			120
cactggncag gttatacttt ttcattctgt aattaatgta tcgctatata ttttatatac			180
tttgaaactg taaacatctt gtccatca aaccttcacc tactaatttt agcagtcatt			240
gctaattttt taaactccca ttctttctac atttagtagt tggcattcta ctataaggaa			300
gaattttccc tttttcctta tttgtgtata cttattttatt aatattttatt atttattaat			360
atatatgcaa gtatagacac ttgcattctt attgtattca gtggattatg atccattgct			420
attttctgtt tgggctaaat tgtcccatat tccatcagtg ggaatgcctt caagttaact			480
attgtgtgcc tttgacatgt gcccaacatg gtgaaaccca atctctactg aaaatacaga			540
aaaattacct tagcatggtg gtgtgtgcct gtaattccag ctactctgaa ngctgagtgg			600
ggagaatcac ttgagcctat aaggcanang ttgcaatgag ccnagantag cgctactacc			660
actncancct tgggtgacag cgtgagaacc tgtctcaaaa aataaaaaaa gaaaagagaa			720
aaaggaaaaa aaaaaaaaaa aaactcnacc ctctanaact ataggggagg cggtattacg			780
tagatccaga catgattaag anacattgat gagtttgggc naaccnct			828

<210> 3965  
 <211> 810  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(810)  
 <223> n = A,T,C or G

<400> 3965			
ttnattccat cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagat			60
agtaaattag tcatagaaaag gcaaactcaa ataactttga acacagctct ttgactatcc			120
acctgtgtgt aaacaaacaa aactacaaag aaattttgta cttcacttag ttggtagtga			180
tctggtatag caattctgaa aatattttct gtgtattgta ggattaaaca aataagtaaa			240
tataatgata ttcttgggag ctgggacct cactatgaga gaagaaagat aaaaatatgg			300
agtgaaggaa ggcaaagaag agctccatga attggaatga gagattccac agattactta			360
ttaattacaa agataaaaaa ggaaccttta tagtgagaa acttggaac ttggtggata			420
acacaacttt tcgttttttt ggagacagag tctcactccc tcacccaggc tggctctcaa			480
ctcccgacct caggcgatcc acctcaaaagt gctgggatta caggcatgag ccctgcgcca			540
ggcctatttt taaaaatcag atctctcctt tgctccaatg tttttatcat ggaaagagac			600
aatcactca tattttcttt ttncagacaa tactgctttc tgtggtgtag cccaaaagac			660
tcgtcttttn catgttcagg taatttattc tttgggagag cactgtaatc atatatcaat			720
cgtatttttna aagtgacttt attatttaat gtcaagaagt nccttggttn tgaaagtagt			780
tttttttaat taaaccgcca ncagatcnat			810

<210> 3966  
 <211> 857

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(857)  
<223> n = A,T,C or G

<400> 3966  
ggnnnccctt ttgaaacccc ntaaagctac ntgntctttt tgcaggatcc catcgattcg 60  
gaagaaactc ccatgaagtt caaaggagca gcagatatgc aggggtgcac tagaaatgaa 120  
aatctgaccc ttgtccctc tccttttcat ctctcttttg tacaggcctt ctttccttct 180  
gtgcaaacag acccttgtca tagtcatagt ccatcacgct gttaaatgat ttccagcact 240  
gctctatgat gtgctgtaat ttcagggagt agtttatttt ctacaacatg ttgctctgta 300  
gcacgtgtat ttcactactg agtggttagt ctaatggaca tattcttaac aaaatagtcc 360  
cagcattaca gaatactagg ttagaataca tacccaaata aataaaatgt tacagacaca 420  
gtccaagctc gttctctcct gacttncctt ctcccgtac agaggaaaat taccgccaat 480  
tggcacatct cattcctatg cactcttggt aaaaataact tatagtttgc ttctgaattt 540  
atagaaatgg gcactataat ccatatgtct tttgaatctt tatacatttg atttggagaa 600  
agtattttatg tttgatgcc a tgtggcttta ggncatttat ttttaattttg gttatttttt 660  
tgagatgaaa gtctcggtct ggcacccagg ctnggagtgc aaatgggcac atgggaacct 720  
ttgnctccn tggggttcna agcaanttct ggtcttcata cctgtaantc ccancacct 780  
ttaaagaagg cccnanggcg nggggaaggg atcaatttgn gcccccttgg aattttggag 840  
gaccnagccc tggggct 857

<210> 3967  
<211> 814  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(814)  
<223> n = A,T,C or G

<400> 3967  
ttccatcaag ctcttgttct ttttgcagga tccctcgatt cgcttcagac ctgtgtttaa 60  
attttagctc tgtgatctgg tagcttttga ccttgagtaa attgcctaatt gttactcagt 120  
cttagtttcc tcatcagaaa agtggttaagg atgataaagt agttcataaa cattcattga 180  
gcactaagta tttgcaagat actggaggt aaaagatgaa taaaacactg ttcattgtctt 240  
tgaagacttc ctagtcaagt ggtgaaatta aacataaaaa caggacattt taatattacg 300  
tgcaaagcac atagtgggca atgtgttggt ttgaagaagg atttttgagg aagtgggaagc 360  
tgaactgcag tttgtagaat aagtaagagt ttagtcaggc aaagcagata gacaaggtca 420  
ttttgggtgg agcgattaat ataggcaaag tcatgcaatc atgaaatagc atgatatgta 480  
tgtgaaataa gactactttt gcattgtagg ggcattaaac aggtgagcag tcaactggaga 540  
tgagattgga atgggtgggca gggcctaagt ccctgagctg caatgtcatt gaagctgagg 600  
acattgagaa tttaaagaga tagagttagt ctgnngcctt tgctcataac tctcattttg 660  
aaagactaat gtgtgacatn ccacatttta ggggtaggaa ggcntactgg aaggattaac 720  
ccaaagttgg ntagaaactg ggagaaagan naacnccctc aaaaagttgc ttgagagcta 780  
aattaattga atgtggcttg ggaaggatca attt 814

<210> 3968  
<211> 825  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(825)  
 <223> n = A,T,C or G

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<400> 3968
gattcccata caagctcttg ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
ggaaaagtaa agagatcaaa atgattttat atgtattttt tttgtactca gagaattaca      120
ttttcactac ccccgctgtg ctcagggaa agcctttgat aagaatccca tggagatctc      180
tggaactcta ttacagtgtg ttcagatttg ttagttcata tgtaaatttc agagctagag      240
cttcaaaact agagtattgt aatctcagga acataagatt atccaagaag cctgaacctt      300
gctcttttca tgataaatga catccaaatt tcctttgtct aggagataag catagatccc      360
ttttatcatg cttctctgag attttcacag aacaacctg caatttgatt ttgtttgata      420
attttgcttt ttggcttttc agtgaggact ctattttcca ttggaactga ctcttttggg      480
gataataagc tttcacttaa aagaacattc cattagatag ttctaacttc aatgaaccta      540
aaagtggctt cttaatttga ataactctga taacttttgc aaatgggtca aaacagcaca      600
agtattatac atcaataaaa aagttcatta caatatttgc actcataaag tcaaaatctg      660
accctggttc gctttgtgcc tctgtcagcc tacttacagg ggataaaaag tncacaccaa      720
gtccagtggg tgccaangga gctttgggta ttagaaaaga agcctgggtc cccctcagtt      780
ctatgccggt gggggggggg ccgggtnggn ancatggccg ncatg                        825

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<210> 3969  
 <211> 877  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(877)  
 <223> n = A,T,C or G

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<400> 3969
ggncttttaa acctttgtac aagcccttgt nctttttgca ggatccctcg attcgaattc      60
ggcacgaggc aacaaaagca tacaagatct tttttnagga agtggaggag ctgcagggac      120
cgaccgggag ctttccagat aagcatcagt tcanaaaaca atttaagtaa agaaatggaa      180
tctgtaatga aagatataaa aaataccact cagaagaaat atagagacta tagcaagacc      240
ccgggctcac cagacaatga ttttctcttt atgtactctg ttgctagaac caatttagaa      300
cttgaattga ttcacgagg aggcaatttg tgttcagggt gtgcaagcac agctggcaaa      360
aggtcttggt taaatcagct gtttcatgta ttagccttgc acatgcggtt ttatagcatt      420
gactctgagt ataatccctg gagaaagctc acccagttag aagagatgaa tccacagctg      480
ggatatgaag aacaacagcc tgaggttcca attctttatc atgatgtaca tcccttttgc      540
tcatccagat cttaatgatg ccacaacct tacgcaaaag accactttac ctgcattgtg      600
aaggtctttt taccctactg tacacacagg ctcttgcagc actctcaagt taaaatgcag      660
ccgaagaaaa tagggtcagc cctgggaaac accccgggag cctcttcaaa aaagaagtac      720
cattgtggat ggccagaaaa agtctttacc gaaagtattt aacttgngng ccttttggtg      780
gaataaaggt ggnaacctat ttttaaaaag ggaaaagttt tttcccntg gaaggaaang      840
gnaccttcag gggaatgggt gccaatnggg ttttaacc                        877

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<210> 3970  
 <211> 912  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(912)  
 <223> n = A,T,C or G

<400> 3970

ngncttggnnc	cttgaaaccc	ccgcntggc	ggacccatcg	antcgaattc	ggcgcgaggg	60
tcancaatan	gcganncttt	tnnatccngg	cgagagacac	gccaataggg	ggnattttaga	120
nacgtggggc	tccannnatt	ttctctgggg	acaagctcat	tccttcctca	ttttctcaga	180
acttttggtg	taacagccng	ttgcctaatt	tgtaggggct	gactttgact	nagcagatgc	240
cttctgnaga	tggaggaaat	aacgacccag	cnccttttaa	ttcacccaag	ctgaaaccaa	300
atgcgaaccc	ngagcagcct	ggattcattg	acgagccagc	accantgaac	ccacccaaac	360
caaagccaaa	tccaaaaccc	caagccggcc	tgaattccac	cgggggatga	cttttgatct	420
ccacagangg	nntcttcatg	gggaacnaaa	aacaggggan	gntgcactcg	attnctggaa	480
gtggtatgcn	tcaggagcna	ccgtgnantg	tantncancc	cactcntcaa	atncataaac	540
tntgggagan	tccttcaatt	cactgggcaa	anccntatgc	cntaanngct	anncnctgan	600
gggaggctcn	tncantgcaa	aaanccaaan	atccaacctn	gggaagaatt	caagtcaaag	660
acccaanaag	gaggccnggc	aatcaagnct	ccttggncac	cgaatcnttn	acangncann	720
gcttaccng	gganggcacc	ntatggcnga	anctctgtgg	ggggcaaacc	ctcgtgggga	780
cctnccntgg	nttccccagg	gggtgcncac	anatattang	cacctnantn	ntttanctgc	840
ccantgngcg	tntnttatgg	aanaaaagna	aatcaaaaaca	tgnggganag	ggaaacccan	900
naaaaaaaaa	cc					912

<210> 3971  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

<400> 3971

ttgattccat	cagctcttgt	tctttttgca	ggatcccatc	gattcgctac	gaccccatca	60
atttggccta	taacttgaaa	gagaattcta	tcctgctagc	taaagttgct	cggagtgacc	120
agtgcagattg	ttccacagca	tgtatattat	aaaacaaata	ttaggcagat	agcttataat	180
gactttttaa	tatttattta	ttcattttatt	ttataataag	cagacattgg	gacaagaaac	240
ttctgaaaat	atttatagtt	ctctgaaaga	aggtgtcttc	ccttccttct	gggagttaag	300
gaatgttttg	acaaggaaga	aagatgggtg	aataagagtg	tattgtatta	ataactaaca	360
ttaattgaat	atagaatatg	tactagggggc	tgtaaaaagc	tctttatatt	ggattatggt	420
atttaatcct	caaccttatg	agcctgatgc	tattaatgcc	tctattttat	aatgaagaa	480
attatgtcac	agaaggtaa	ataattttatt	caagggcaac	ttgccaaagt	agcattaaac	540
ccccagagt	atcctctccc	tangtgcaga	gcaaagttnc	aaggggcttg	gtatgcacca	600
gtctcagatg	attctattgn	gggtggctgc	cagaatcaag	cttgctgtga	aaacactgat	660
tggaagaaaa	aatagtcccc	accagctatn	gctatnggtn	cctgtgcatg	aacctgagaa	720
gaaagccaag	ccgcntaaa	agatgtagag	tccaaacctt	ttgctgcagc	ttccttgga	780
tacgggcatn	tgaccccaaa	acatggntta	agggggg			816

<210> 3972  
 <211> 817  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = A,T,C or G

<400> 3972

attcanatac	aagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	60
ggaagagtat	ggctcctgaa	cctacacaga	gctctacagt	gtcgcgatct	gcccagcaag	120

tgaagacaac gcaaacttca a	ctcctg atgtaaatga tgcaattgtg a	tattca	180
atgattttga tgttaaggaa a	ccccatc atttagtgat ttctcatcta g	ttacaca	240
tatgtgatga cattcatgct aa	gaaaaaag agtcaaacag acgtattact	ggaggggcaa	300
tgcaactctc ttttacacag c	taactatag attattatcc ttatcataaa	gcaggagata	360
gttgtaatca ttggatgtat t	ttagtgtag caacccaaaac aaaaaatgga	tgggccaatg	420
agttattgca tgaatttgag t	gcaacgttg aaatgcttaa acaggctgtg	aaggatcata	480
atgtangttc acctcctaaa t	ccccaacac atgcctnttc ccagcacaca	caaacagaga	540
aggactccct ctgaaaggga c	atgcagaac accttcagta ttatctcaac	aatcaaaagc	600
taagctaattg tctagttctg	gtgtgggtag acttgcatat ttcaatatat	cccaggctctt	660
ntacagcngg acaatgtcgn t	ctttccccc aaaaaccatg atttgctgca	ataaaaaatn	720
cctttntntt tccacaagaa a	agggtcagct gtctttttta gaattcacca	gaatntttcc	780
tattccaaat gggaaaggat t	tttccaant tccatct		817

<210> 3973  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 3973				
attcnaatca gctcttggtc t	tttttgagg atccccatga ttcgaattcg	gcacgagcaa	60	
agccatatac tggatgaatat	atactgggtc aagcaccaca tggtagtttt	ggaatgtgta	120	
tttcccagcg aatagaattt	actgctccaa aaagcttttt	tggcataaat	cacaatactt	180
acagaaatat aattgtatca	ttgaaaaaaa caaagctcac	cttcctaattg	atacattttca	240
caaactgcac attagggcaa	tttcttactt atgaggaggt	caaagaaata	ctctgtcaat	300
atagtataac tgcttatttc	aaattgtatc taggaatgaa	taactactat	tatttaaagt	360
actactgaat tttgaggaac	tgatcaaaga attagtatta	ttaataaaat	tgtactattt	420
gcaatatatt tgccttgcca	caaatgcaga gttaaaaaa	taaaattata	aaaaaaaata	480
atagtgattg gttgttacta	ctttaaaatc ctactaattt	ccattagcac	taaatcaaac	540
agcacttatc tggtgtatac	aagtaaaatt ttgaaagact	cngacacaaa	atgaaangct	600
ttttaaaaat gtctttgcca	taacanggta tatgaccctt	tgctaattgg	tatatttcct	660
tangggcact ttgaggctct	ttcaaaagac atctgcgcaa	ttagggctta	aattagaagt	720
agaaatattt tggcngatnt	ttactatntc acaaaaaggc	ctacctactg	gntttataat	780
aaaanccaat tctcaagtnt	tctn			804

<210> 3974  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 3974				
ttttgaaacc catcanctct	tgttcttttt gcaggatccc	tcgattcgtc	cacacctcac	60
gttcagtcac agccctcagc	tatcttccct ccggccactg	ggctacctct	ccttcagtc	120
cagaagacaa gtctcaccaa	cccagggagt caaggaccag	caaaccaaag	tggataatgg	180
actttttcat tctgttttt	cttggcagga gagaagcaag	gccactaaaa	gaggagatgg	240
tggagacgga ggctcagcag	tggctcttgag gggtaaagga	cttagatgcc	cagatgaaga	300
gggaaagctg acatctgcag	ggaaccact ttgaggctga	ggccatggca	ggacagctgc	360
tgtgggggtgc agaggcagaa	gatgaaattc ttagtgatcc	agaggttctt	gcagccatgc	420

aggatccaga	agttatggtg	g	ccagg	atgtggtc	gaacccagca	a	gtcaa	480
aataccagag	caacccaaag	g	tgaatc	tcatacagta	attgtcagcc	a	ttgga	540
gtcaagcgta	atgtccttct	gataaataaa	gcccttgctg	aaggaaaagc	acctagatca			600
ccttatggat	gtcgcaataa	tacaaaccag	tgtacctctg	ccttntatca	aganacttgg			660
gtgctttgaa	nataatcctc	cccttttccc	caaatgcagc	tgaacattta	cagtgggttg			720
ccttagggat	tcattcaata	tgtttcctac	taggaatcca	actttaacat	ttttaatctc			780
aatattat								789

<210> 3975  
 <211> 871  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(871)  
 <223> n = A,T,C or G

<400> 3975	
ttcccataca	actacttggt
tggtgcttaga	agatggggct
aagtgactgc	acaggttgac
gaatgatggt	ggggcccaa
agtaagggt	ggcgttggt
ggtgtatagg	tgccatccac
atgtagaaga	agggaaggat
gtgggctggc	atggtggaac
ggatcatctg	cttgacccag
cctacagaaa	aattaagaaa
tacttgggga	ggcccgatct
cattgatctt	tgcccacttg
tgtnntttna	aaaaaaaaaa
agtnagattc	cttatttacc
aattttggga	ncaaaacccc
	caacntttgg
	a
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	840
	871

<210> 3976  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 3976	
naaanaaaac	ncttttnaaa
gcacgaggcc	taaagtaact
gcgatggctt	ggcttgggct
agtcttctgg	gacttgacta
tctgcccacc	actctaaatg
gtccctcgtc	acagctgaat
gtgagcagta	atctctgata
aaatttggtg	gcagtcactt
aagttacctc	atatctgggt
angattcttt	ggtttgcagc
gagtgaatc	caaggaccct
	tcacctgccc
	aaaaagtgac
	gggcttctgg
	tgtcaancag
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660



<210> 3979  
 <211> 462  
 <212> DNA  
 <213> Homo sapiens

<400> 3979  
 taacatcagc tcttggttctt ttgacaggat ccctcgattc gaattcggca cgagcctaga 60  
 cacctcgtat tggggaaagt ctttaagtgt tggagcccat gacatttggg tatgatgact 120  
 agattttttg tacagctgag cctcaataaa ctcatgctga cacttgtgag aactcaaadc 180  
 agaaatgggc acagaaactg gattacattt ctgtgctctg aaatcccaca gagttcataa 240  
 aaatacacat gtatacaca aagcaacaaa tgtaagttac attttattat ggaaattgat 300  
 attagtgaat ttgacagctt tctatgggta aagattatcc tgtaggtgag ccaagggtct 360  
 ctgtttttct gatttctctt attcattccc tataatttca gcattttcgt tctcattgac 420  
 ttaatatcc tgagggtatt attgtgaatg tctttgttta tg 462

<210> 3980  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(475)  
 <223> n = A,T,C or G

<400> 3980  
 acntngatca agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga 60  
 tcttttaaaga aagcatccac agtttctgtg ccatttcatt gacaggtttt attttaaatg 120  
 gtagaccatc caacagaggg atagggagct gcagcgggtg gctgcttaga ctcaaaaaga 180  
 gaantctcgc tgactcatgc aggttgaggt tttgtctcat tcccaggaat gcttggactc 240  
 ccagaggcag tgaagccaca catttttagca gaattacctc agcagtgtgg tgcattgatca 300  
 tgaacttcaa gtttacctac aaggaagatt tcattgtcct tctgtcacta gccaaacact 360  
 tcacagccta nactcctgga ctacataaag gccatacaa aagtgtttgt gtgcatttgt 420  
 gtatgtgtga gtgtgtgtgt ttgcagtggg agaggacact tatctttgct ctccc 475

<210> 3981  
 <211> 460  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(460)  
 <223> n = A,T,C or G

<400> 3981  
 ttcattactc ttgttctttt tgcaggatcc ctcgattcga attcggcacg aggcggagct 60  
 tgcagtgagc agagatcgca ccactgcact ccagcctggg tgacagagcg agactcctct 120  
 cgaaacaaac'acaaaaaaa gtttcaaaga cagaaagtgg aagttacaag gctttttaag 180  
 gccttatctt ggaagtcaca gcancattta ttttgcattc cattggtcaa actcaagtcc 240  
 taacaggcct aagggggtca agtaaaaggt gggactcaca ggaagttcca tatacattac 300  
 agcttcactt gcagtacaga ggggaaggga aatcctactg ggacagaacc tcaagtagca 360  
 tacctggttg tatattgtgc ctggaagaaa agatggccag aagtatagat ctatagatgg 420  
 atggtgattg atggatggtt tgactggatg gtcagggatt 460

<210> 3982  
 <211> 463



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(463)  
<223> n = A,T,C or G

<400> 3982  
cttcgtttga ntcccgttcc aangcaggag cccatcgatt cgaattcggc acgagacttt 60  
gcatttgctc gttttgttca acttttcctt ccttctctgc ctgccaaaga aactgtaata 120  
actgtaataa ttnttatgac tttctcttca atgacagtta tcttccttta ccctaattcc 180  
ttccctcctc atccttcaaa tccccttcct catcattcaa agnctaactc aagctagcct 240  
ttcctcctta ttttccctt atctttccaa tccgtatgga gatttctcac ctttctgnt 300  
ngaggttgcg ccagaatggc gaggattaaa ttgtaattgc tntntaatag actgntgtgt 360  
cngccacta gatttcaagc tctctaaagg tnaaagctnt ttctnacatc anaactngag 420  
tcctttatgg annntnnac atcngaaggn cnmnanttat ttg 463

<210> 3983  
<211> 457  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(457)  
<223> n = A,T,C or G

<400> 3983  
tattcatcaa ctacttggtc tttttgcagg atccctcgat tcgaattcgg cacgagtcta 60  
gctcagggtc tctcatgagg ttccagttat gatgttggtc tgtactgtgt cgtctgaagc 120  
ctggctggct gaagcatctg ctccaactc actcatgtgg ccatttccca gagcccagtc 180  
cttactggct ttttgccagg gaggccttaa tttcttacat atgggcctct ccatagggca 240  
gcatgcactt tgcagctggt ctnccttaca gtgaatgata caagagagta tgagagagt 300  
tgccacaatg gaagccaggt atctgttata acctcatctt agaaatgata taacatcact 360  
ctgccatatt ttgtcagttg cacagacccc tgggtacagt tgggangtga caacacagga 420  
tattaatacc aggangcagg aatcattggg accgtct 457

<210> 3984  
<211> 465  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(465)  
<223> n = A,T,C or G

<400> 3984  
ttccatttag ctacttggtc tttttgcagg atcccatcga ttcgctacga tgacccctc 60  
ttcaggctgc catttggtag agggnnaggg agtggctagc catcgagtna gaccatgctt 120  
tgacccacc atcagcaagg ctcaagatag tgcctggcgt gctcagaata agccttcctt 180  
tctgcaggga tctcatctcc atctgtggga accaggtntg aggctctgaa cagntcctgc 240  
tctggcaaga cacctccaca tctttctccc tcaaacattc atagcctctc tgccatttta 300  
tgcttctggt acaccagaaa taatatcaca atgccctgca tcaactgacc ggctggataa 360  
ttccttttca atatgtcctn cttgcangca naagatcttg ccanaagact gagaacccag 420  
ncttccaaga tggccacagc tgcaccaaag atcacaangt aattg 465

<210> 3985  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(463)  
 <223> n = A,T,C or G

<400> 3985	
attcatcagc tcttgttctt ttgacaggat cccatcgatt cgaattcggc ncgagattcc	60
agcatccatc acagataaca gacagcacta ttcatgaaat cccaacaana acacacgcca	120
agttcccata tacagggtgca nggcatgctt catttaccat tgaatttgat gacagtaccc	180
catggaaggt nactattaga gaccatgtga canagtttac ttctgatcan cgccacnagt	240
ccaanaagnc ttctcctgga actcaagact tgctggggat tcaaacanga atgatggcac	300
ccgaanacaa anttntcgac tggctagcac aaaacaaccc tcctcaaatg ctatgggaaa	360
gaacagaana tgattctaaa ngcattaaaa gtgatgttnc agtgtacttg aaaaggttga	420
aaggaaatna acatgatgat ggtacgcaa gtgattcana gac	463

<210> 3986  
 <211> 464  
 <212> DNA  
 <213> Homo sapiens

<400> 3986	
cgtcattcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagatca	60
tctagaatcc cagcagtttc cttaagttgc ctactgtcaa ttttcattt ctctcgtcca	120
aattcacatg gagacatcat ttttacacac ttgtaataca ttgtaggcgg agtctggggg	180
tcctagcact tcccctaaca tcatctcatg atacttagac ttttaaagaa cccttgagta	240
ggccctgtga taaaggatgt tagtgaaaaa aataatgaga aacagggact tggcttagag	300
aaagaagcct gcgtcagatc agtaggcccc cctggggctg tggaagcatg cagaaggtcc	360
cttaggaagt gatgttggaa atggccttgg gccagccacg ttatttctct ggacctcagg	420
tcacccatct ctgaaatggg agcattgaac tggctgatcc ctga	464

<210> 3987  
 <211> 458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(458)  
 <223> n = A,T,C or G

<400> 3987	
nccttcttct cttgttcttt ttgacaggat cctcgattcg aattcggcac gagggaaaac	60
ggaaaaaact caagagtgan aactaagtgg tgtgtgaaaa tgctattgtg cctgggtggg	120
tgaagtcatt aaatcagaga gccaaaantn cctancagag tggancgaaa aangaccggn	180
cagacagtgn gaataatata tcatgtatgt aaaancaact catatgatgc ttgtaaatgt	240
ggaaactata actntccctg gaggggtata nagatgagtt caattaggag ggaaactgag	300
tgacaggagg acaaaattgg aaggagatt tttactgtat aactttgtat cttttaaat	360
ttgttccagg cgcatttatc atgtattcaa tgcatttaaa cagaagagga gaaggacggc	420
ccatangata taactattgg ttaaaacat cttgtctn	458

<210> 3988  
 <211> 457

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(457)  
<223> n = A,T,C or G

<400> 3988  
gnaanncctt tncnnnnnnn ttttgcagga tcccatcgat tcgaattcgg cacgaggcaa 60  
tatgtagttt gccataaaan gaatgcatgt cttattcttt tccatagttc ttcattaatg 120  
agactttagt ccaagaatag aattggaaga tnccatctcc tggggtagtc aaaaaaaatc 180  
tccttgggta atactggaan canctaattt tcctaatttg gttggtccct cttataataa 240  
aaatnctatg ggaatnactc tttagtagtt ggcctgggtg gaagctctgg gaggagcaaa 300  
gcancctctc caggtgactg gctgactttc cacctgaagg agtattactg caagaattac 360  
aaagcaggta ggactctggc ttttgatgag caaatggntg aaaagtgcct ccttcccagt 420  
cttccttttg ccttcatttt agtttaaagc ttgaagt 457

<210> 3989  
<211> 471  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(471)  
<223> n = A,T,C or G

<400> 3989  
aagnnacttn tttgaaaccc ccngntcttt ttgcaggatc ccatcgattc gggcacatct 60  
tctactagct aacttgggtc ttttttttna aaaaataaaa cccttgcgta gttctccctc 120  
aggggatgcc taggattttg gatgagaacg tattggctca atgtgagtgg ggcagtggca 180  
ggcatccatt tcccttcccc ccattctgnc acagggtgcc atctgcctgg cagtanaatc 240  
cantgctcat gttggtgact ccagagcccc ttccttgctg gtgcctgcct gangcattgg 300  
tgtatgtggc gtccctggga ggggatttta gttnaatgaa tgatacgtac ctcttgcttt 360  
cctgggntnt gcgagcttta atcccttgat ngtctgntgg gaggcttgan agacanactg 420  
ggaactgtgt nagaaagcat gactcgtatn ncgattgnan ngaaatnanc t 471

<210> 3990  
<211> 466  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(466)  
<223> n = A,T,C or G

<400> 3990  
tgnttngant cagctcttgt tctttttgca ggatcccatc cgattcggaa taagtgaatt 60  
ggaagatagc tacacagaat gaagcataga agggaagaga tggaaataca cagagctaga 120  
gggtaacaca ttgatgctac agacagaaca cctaacatac ttctggagtt ctgtaagatt 180  
agaggagaga aaatagagca agagaaatgt tgcaaggatt tttccaaaag gtataaaatg 240  
tatccctgaa tatattttta gtaatctcaa cttcaggcat gataactaaa accaaattaa 300  
cataaaataa tacaggacgc aaaagaccaa tagaaaatct gaaaagtagc tagaggtaga 360  
agatagagta tgttgaaaag aactgtattc taaatacaac ctgattttta cagaaaacat 420  
ggaagcagga attcaatgga ttaatgggaa tcatgtcttc aatgtg 466

<210> 3991  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

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<400> 3991
ggngnntnnn ccctttgaan cccttaatac aagctacttg ttctttttgc aggatcccat      60
cgattcgaca gggtagtgca tgtgacgggtg tccaagacgc acagcagatt ttcattcaca      120
aaaaaatctg accacaagag ctaaacggaa ataccttccg ctgtccttcc caagtcacag      180
agcaaacacc tcagttccca ggggtccgca tcagttctgg tggaggcggt gactgtgagc      240
gtgaccagct gggctaattc gtcctgacat ttagttggga cagctatagt ttcctacctc      300
tatgaccaga gagtgaagcg tttcactgaa gaactgtggc cggcgtctcc aggaaaggaa      360
ggagcctcgc tttctccagg gcagggggcag cgtggggcgg ggcaggccgg gtgtgtctgt      420
ggggagtggg cgcgtgctca cactctttaa gctgcgactg cttccttttag gacagaatga      480
agttcttcga ggaggccgat gaagacagaa tatggataag gccaaacctc cacaaaatcc      540
ttctacatct tcatatcaaa acatgttaaa cataaacctn caaatacctc cagggataga      600
agcacagggc ttntctaaaca ggcgggatat gcaacctcgt tctatcccan gcccacacag      660
aaagtgttgg gggaatcact gaaggaagga ngagaaagaa ctcagaagaa ccataagaga      720
gcaagacatg gacaggaaac caatggccca cgccccgan gaagacttaa aactncag      778
  
```

<210> 3992  
 <211> 905  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(905)  
 <223> n = A,T,C or G

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<400> 3992
ttattccatc aagctcttgt tctttttgca ggatcccatc gattcgctc catgttatta      60
gtaattctgt attccatttt gttaacgcct ggtagatgta acctgctagg aggctaactt      120
tatacttatt taaaagctct tattttgttg tcattaaaat ggcaatttat gtgcagcact      180
ttattgcagc aggaagcagg tgtgggttgg ttgtaaagct ctttgcta atcttaaaaagt      240
aatgggtgat ttaaaaagaa aaaaggaaaa aaatcttttg ctgaatatgt tcattgcttg      300
tattttttaa acaacagaat ttccagtatg aaacaggctg aaagagcagg aagaaatgtt      360
ctttgtataa taatgggaag tttggaatat aaaagtttat atattattta tctattggag      420
aactggtgta caggaggaac attttcttac tgtgttctg ttttccatca tgtgttatcc      480
taagagttgg ggttttttaa aatctgtttc accaggggaa aataaaagca tccctaattg      540
tcttctctca aaaaaccan nnaannnnnn nnnnnnnnnn nnnnnnnnnn ncctcggaga      600
gagaaaanaa ctttctccg agccctntan aacctatagg ggagtccgtn ttaccgtaga      660
atccccnact ttgaataaag aatnccattt gggttgaagt tttngggacc aaaaccccccc      720
aaacntnnga aattgccnnn tggaaaaaaa aaatgccttt ttnttttggg ggnaaaaatt      780
ttgggggaaa ggcctttttt ggctttttan ttttngaaa nccccctttt ttaaagcctg      840
gccnaattaa aaccaagggt ttttaaccba nccaanccca atttggccnt tttccanttt      900
tttnt
  
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<210> 3993  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 3993  
 gaancccttt tgaaaaanctt anatacaagc tacttggttct ttttgcagga tcccatcgat 60  
 tcgaattcgg cactgagatat tattttaatt ttatataata gcatgtactg ctttacacat 120  
 ttttataata agtcaccaca gtattacact ataactacgt tataagtgc atagatatgg 180  
 gtncaataaa taaaaatagt tgaggagaaa aaaccttttag accattcatt ataacgtgcc 240  
 anactgataa ggggaaaacc ccccatgtca catgagagaa ataaaaccca ctgccatttc 300  
 tctgtgcctg ggtaactgag ttgattgtat tcaccagaag gttcttggtc tgccttttag 360  
 acctgcctgg gtcatttccc tgttcacacc ccagtgacta agctgaagag atttatcatg 420  
 atgcctgtct ttttctgttg gccttggtca cttccatgtg catgagcatc tccatccaaa 480  
 agtggccttc ttctctagcc ccgatgggat gtcagtngcc catgtttcta atagaagacc 540  
 catgccaaag ccactttgac aactctccac tcgcaagaat gctgtcggcc tntagctaaa 600  
 ctgttatggg ccactcaacg ctgtacactg tgtggccact ttccttccgc tttctgtcat 660  
 tgcagggang ttgtaaggca acaccangg ggcttgacct cttcaaggac tttgccagca 720  
 ncaaaaaccc aancttgggt acaccctggc ttaaaaaccc acanccccag caanttnena 780  
 gctttnaatg 790

<210> 3994  
 <211> 898  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(898)  
 <223> n = A,T,C or G

<400> 3994  
 ttttaattnc atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60  
 gaggacactt tcattgttgt gccagctggg tgaaattaaa actctgatat tacttttttt 120  
 gaggattttt atttttgttt ttgcttaaac atatagtttg tctagaagtt taaaaagcta 180  
 aaagttaaaa atgggtgtaat tatgaaaatc taacactcaa gatagtttct aaaaggaaat 240  
 cagtagttaa ggatacctga tttcaaaaata tttaaagcat aacctaaactg atggtaggat 300  
 gattgtatct tgaatatgtg gtagggccac atctattgta ggaaaacctt gcttttatca 360  
 tctgtgtgta aagggcttaa taaggagaag aggccttttg actgatttgt gagtataaat 420  
 gcatttgctg tttcatttca aaaatgttgt ggaggaaaag agtacattta acttgtataa 480  
 gagaatattt gtactcctgt ccaggctgca ggacctttct tcgagagctt tgcacacttg 540  
 acttgaacca cattttctga tccctttact ttgttttaga agcaccactg aaaaatctcg 600  
 ttgtttttaa gtncaatttg taaatatttc aaaaaanann aatnnnttnn nnnnnnctcg 660  
 gagcctctnn aacctttagt ggagtcctga tttaccgtag natcccnaaa ccatggatta 720  
 agaataccat ttgggttgga agttttnggg ccaaaacccn caaacctttg gaaatgccct 780  
 ngggaaaaaa aaaaaaggcc ttttaatttt tngggggaaa aaattttggg ggaatggcct 840  
 attttggtct ttttaanttt tgggttaaac ccccttttnt ntaagggcct gngcnaa 898

<210> 3995  
 <211> 833  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(833)  
 <223> n = A,T,C or G

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<400> 3995
gncnnttttna taccatcanc ttgttctt tttgcaggat cctcgcattc gattcggca 60
cgagaatgga tgaatttttg tttgggttga agaattcttc tgagaagttg acacgtgggg 120
gcaatgggtt gtttctcttg ttttctgaa gttgcaaata atcatgtaag cagttcaacc 180
aggagtttac accaaacttt taataggcga tatatcatta ttttttttcc cattgggttg 240
gataacatcc actttaactg gcagtttagt atacttagct atttttgtta aagcaggtga 300
tttattgtta ttttatattt atgacatgat taataagtga atatggaaga ttttacattg 360
acttagggga tcaaagtttt cattatatta acacctttaa ttgccatgag ttttctattt 420
ctagcatgca tttttgtgt tcattcaagt gaagaaaaca gtcttttgtg ttctcaggta 480
ctgcataagc cgaccacagt ataagacttc ttgtggcatc tcttcattaa tttcttggtg 540
gaattttctta tacagcacia tgggagctgg aaaccttccc ctattacca agaagaagct 600
ttacatatcc tgggctttca acctccattt gaagatatta aggtttggtc ctttcacggg 660
gaatcaacac ttatgangnt ggtttaagac aaattaaatg acccctttcc atgtnaaaaa 720
ggatgctctt atggttctat attaaaccct cattggggaa gaataaaaac caccagggag 780
aaaacctgct tcanggggnc cctgtcnaaa gttaaccccg nggggttgga aan 833

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<210> 3996
<211> 838
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(838)
<223> n = A,T,C or G

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<400> 3996
atncngtttt aattccatac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
tcggcacgag gagaagcaga gggacaaggt gtcacccaag tgacctacct gcctcagcct 120
cccaaagtgc tgggactaca ggcattgagcc actgtgcccg gcctgttatt gttgtgttgt 180
cctgctttta tgggtgcttct ttttctttat ttgtaatatg ttccccctcc actccactg 240
ttttcttaac atggagaaac ttttttttta attgttccca gtgaatgctg tctcttccca 300
tgttgaactc attcacttgc catgaattga cttagtcca gacctctgtg cttcttcat 360
gtaaccagct caccttagcc ttcttgtaga gggcttatga tcttagttgg attaatgtaa 420
caagtttttg ttcagaaatt ggaaaatact agtcaccatt actttcatct gtacttgaaa 480
atttcgtctc tcagacatcc atcatctcta ggtgttggtg acaangcttg acatctttct 540
aacagttgac tttggcttct taaattcctt gaactaattg agagttttct taagcagagc 600
ttanaaggag tacttgacgc ccccaaaaaca aangcaggtt tttaaaatta ttgnctata 660
agtctttggt tattccagct gtcacccaaa atggggattt tangcattta caatcggtaa 720
aagggcaaaa ccccaaatta ggggatggac aaaatccctc actggnggat gactctttaa 780
tgcttaccct caagactttn ttaagagtgn ggattatcaa ccagngactt cattggcn 838

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<210> 3997
<211> 777
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

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<400> 3997
tgaaaccttt tgaaaccttt nanacaagct acttgttctt tttgcaggga tcccatcgat 60
tcggtaaaaa cctctgatg caaaaaaaag tattaacttt cacaagctgt ttgtactcaa 120
atacattttc tcagtttcag atcctctgct gttttattga gtggaaaagt gagctaaaac 180
ggttcaagaa gaataatgtt gcatttcctt atgtctcagg aaacactttt tatggtaact 240

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tgtcagattg	tctatgaaca	aactttt	tttagacatt	gataaagtct	tctcttc	300
acgtgatatt	ttatacaaga	gttcaga	tgtattagat	gtgactgatt	tcaaatc	360
ctattagatt	tgtatcaact	agttacatgt	tctattcaca	gtcttttgtg	aatcattgcc	420
tttttgtttg	aaaagatggc	ctcttttgag	cctttgtttg	gatacattcc	tgtttttgtg	480
acaaaagaaa	aacttttaaaa	ttgtcccaag	cagaaaaata	atggctatca	gaagtatggt	540
ttgtttcagt	gtgagttact	gttactgtat	ttgtttattg	taaacgtaga	catttagcat	600
tcactgcagt	tttcaataaa	aagtaattaa	aatttgttga	gttctgaaat	tcaagtacat	660
ctcactaatg	taaaagttct	ctacttgaga	tgtttaaggc	aagtgcgttg	tcaattacca	720
atttccaact	cttgttctac	agggctctatc	tgccatttca	taccagactc	aagaatg	777

<210> 3998

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3998

tgaaccnttt	aaaccntttt	gaaatccntt	nggcttctgc	aggatcccat	cgattcggct	60
atgtgctgac	aaatgtggcc	tactttacna	ccattaatgc	tgaggagctg	ctgctttcaa	120
atgcagtggc	agtgaccttt	tctgagcggc	tactgggaaa	tttctcatta	gcagttccga	180
tctttgttgc	cctctcctgc	tttggctcca	tgaacgggtg	tgtgtttgct	gtctccaggt	240
tattctatgt	tgctctcga	gagggtcacc	ttccagaaat	cctctccatg	attcatgtcc	300
gcaagcacac	tcctctacca	gctgttattg	ttttgcaccc	tttgacaatg	ataatgctct	360
tctctggaga	cctcgacagt	cttttgaatt	tcctcagttt	tgccaggtgg	ctttttattg	420
ggctggcagt	tgctgggctg	atttatcttc	gatacaaatg	cccagatatg	catcgtcctt	480
tcaaggtgcc	actgttcac	ccactttggt	ttccttcaca	tgccctcttca	tggttgccct	540
ttccctctat	tcggacccat	ttagtacang	gattggcttc	gtcatcactc	tgactggagt	600
ccctgcgtat	tatctcttta	ttatatggga	caagaaaccc	angtggttta	gaataatgtc	660
agagaaaata	accccgaaca	ttacaaataa	tactggaagt	tgtccagaag	aagataatta	720
tgaactaatg	gacttgagac	ttggcaatct	gccaagggga	gacacaaaat	an	772

<210> 3999

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(801)

<223> n = A,T,C or G

<400> 3999

tttaaacctt	ttgaaacctt	ttttaaaacc	ctttaaacaa	gctacttggt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacnagta	acagtcctat	attgtttcct	gggcaagtta	120
aatagtccta	attggccctg	agttgtttaga	gaatgtttgt	gaaccactca	cacagacctt	180
gacagatagg	tttttgtttt	ttgctttttt	gaagtacatg	atatagacag	gaacacagat	240
ttttaaatgg	tagctgttac	taagtgtggg	agagagcttt	gactctggca	gtttgggatg	300
gcctttcaaa	attgacaagt	gtggttgtaa	gggttagaga	gtaagttggt	gatgaatgat	360
acactactct	ttggagaata	aagagccagg	tgtgagggtg	gagtgttcta	ngattaggag	420
acttgatgt	gtttgaaacc	tgaggagtaa	gaaattgggt	gagagaaggg	actctgagag	480
gatgccacag	tattggctac	agctttttca	tcttcccaa	ttatccagta	aaagcagagc	540
tccctttaat	attgggagca	atattaatat	gtttactctt	atcacttgta	tttatcattg	600
nattagangt	cctaacaagt	acaattaggc	aagaaaaaga	aatgtttcca	gnttaacaag	660

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aggaaataaaa acttttgtgg t cagggtg gaaatgaaaa atcctaagga c gtaga 720
aaaaactntn tttgaaaatt n naacag cccaataatn ttttgatngg g aaaaaa 780
acaanaatgg gttttattgg t 801

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<210> 4000
<211> 777
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

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<400> 4000
agnaancnnn ttnttannnn tttgaaanct tntaaacaag ctacttggtc tttttgcagg 60
acccatcgat tcgaattcgg cacgaggtct tcactctgcg acaacaagct tcttgaagggc 120
aaagaccata ttttaagtat cttttgtgtc ctatgatgcac tgagtaaaan nccagggatg 180
ccgcagatca taaattngtg ntaatnttca aaaatagact ctaaaattta natttacana 240
aacattgnaa agatactgna nagttntctgc tatectacac tgtttcccat attattaacg 300
ncttacatcc ctgtgatcat ttgtctgnat taataaacca gtattgatac attatcacag 360
agaccatact ttatnagggt tccacaggnt ttttccttaa tgttctttca ctatcccagg 420
atcccatnca caataccaca ttacatttag taattatgtc tccttagctc ctcttggttg 480
tgacaatttc tcagactttc cctgtattta gtgaccttg cagttttgaa cattactggt 540
caggttntgt ttgtttgttt ttttgagaca ggatctccct ctgtcaccaa gactggagtg 600
cagtggaacg atctcatctc actgcagcct caacactctg gggcacaagt atcctntgac 660
ctcaatgtcc ggagaanctg ggcccagana tgtgtgccat catgctctct aaaaatacaa 720
aaaaataacc cggcgtgatg gtggggcctg tatcccagct actcnggagn tgagggga 777

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<210> 4001
<211> 787
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(787)
<223> n = A,T,C or G

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<400> 4001
ttgaaacctt ttnnnnnccc ttttnaantt gtagaatata agctacttgt tctttttgca 60
ggatcccatc gattcgaatt cggcacgaga cactgttcta aaggtgttgt gtgaattttc 120
ttttttattt attaccacaa tctgtgaaca aatacaata tctttccagt tagtgcattc 180
cctcaaattg aacttctggc tgcaaggaaa gctaggaatg attatgggtt tgtagtaag 240
gaaaattatc aaaatgggat attaggttgg ctactagcag tcttggcctc atgctttcag 300
taaatagtgt gcacttcaga tcatgtggca ttggagaaag gaagaacatg ttaataatat 360
aacatgggtt aggtcatgga gtcttgatta ttgtttccta atggtactgt ttgacttcat 420
aggctacaag acaaatctct tcaagtgtaa atttttcgat tgaagaagac ataaagcctt 480
tgagaattta ctgtatactc agcactttgc ccgggtgtag gataaggatc aaaatcatga 540
aagcctaatt tctttcccca gagacttatg aatgtggctg aaaagaaaaa gtacaacaca 600
tgcaaaataa ttatgaaata atgatgtatg acaggaatgc agagaaggga gagatcagtg 660
tgcatgaatt aatgagaaaa acctcatgga gaaggagcag cataggttag atcttaagga 720
atgggaaata ttgcagcana tgaaaangac tgccagggta ggttataata tagtagngga 780
agaaaaa 787

```

```

<210> 4002
<211> 780

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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(780)  
<223> n = A,T,C or G

<400> 4002  
aanccnnnnn nnnnncnttt gaantcatag aaacaagcta cttgttcttt ttgcaggatc 60  
ccatcgattc gaattcggca cgagggcctt tttccttggt ttcttcttag tgacagcatt 120  
ttttggaact ggaaatatag cttctattaa cagctttgat cttgcctctg tctattgctt 180  
tctgactgtg ttcagtcctt ttatgatggg agccctgatg atgtggaaga ttttaatccc 240  
ctttgttctt gttatgtgtg cttttgaagc agttcagttg actactcagt tatcgtcaaa 300  
aagccttttt ctcattgttc tcgtcatatc agacattatg gctttgcatt ttttcttctt 360  
ggtcaaggat tatggcagct ggcttgatat tgggacaagc atcagccact atgtgattgt 420  
catgtccatg accatctttt tgggtgttcct caatggcctg gccagctgc tcacaacgaa 480  
gaaactcaga ctatgtggca aacccaaaag tcacttcatg tgaggttgct gaagcaccat 540  
tcagcatctg gatcctgatt ctccctttta gctaaaatct catcaaggct tcaataagaa 600  
gatggatatg gatatatagt atattctact cctgtaagga aaatggtatt tggaattccg 660  
aattgacagg ttatctggaa caaaggagct tctttttttt tctangtttt gcaggcatga 720  
aatagtgatt atatctgtgg aaaagcatan gaaggcattc tcctttttca tttttttcct 780

<210> 4003  
<211> 797  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(797)  
<223> n = A,T,C or G

<400> 4003  
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atcccatcga ttcgaattcg gcacgagttt agatggagct cataattata caaactcatc 120  
tcgttcacaa atccctaggg ctcaatgtta aagtcagcca ttgtttaagg cagaaattca 180  
ggttttagata tagtgtagca aagattttcc attatatgag atatcgatcc tattaacat 240  
aaaacttttc tcttggtctt ctatttttact gtcttttggt gccatcagct gtatgccct 300  
taattttttc tagtaatacc ttggaattta aaaatgaaat tacaaatggt tatgttttag 360  
tgtttttaaa aataattcga ttaagtatgc tatgatagag gagcaaagtt gttattagta 420  
atatcaatgt gcttacaact tatggaaatg aaaaatagtc tttagtccta gcagcctttc 480  
tgctgtagta aaatagtttg tgcactttta atcgctgtga ggttacatct tcaaaggact 540  
gagtggcata agccagggag gtcttagaaa tcttacaaa ggaaaaaaat aagaaattat 600  
tcctcatcat atgaaaatta tttactaaca atgtatgatg gtttaanctt cttttaaatt 660  
cttcactttc cactcctttt tgcttctttc ctttttagtt gactattacc ggagttacct 720  
tacactaatg ttgangtatt tggggttcan aagaaaaata ggccaagtaa anggaaaatt 780  
ggaaaatagt ttccaat 797

<210> 4004  
<211> 816  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

gnnnnnnnngg	nnnnnnnnnt	ttnnnnnnntt	aatgaaccct	ttgaancccn	tntgaaaanc	60
cntngaaaca	anctacttgt	tctttttgca	ggatcccatc	gattcgact	gtggagtccc	120
tgcaagtcag	caggaccagg	gctgtcttcc	tgcaccatct	ggatttggtt	agctctctct	180
gggcagtggg	gccgagtctc	atttcctcca	acaataatgt	tatataggca	atgaccttgg	240
gctgccctaa	cataattgaa	aattatgtgt	attgtaggct	tggagtgtctg	aaatgtgggc	300
tcataaaaat	atgtgggtgca	ggtagcctat	ggagattgga	tgtggcacac	aatgaacttt	360
atgtaaagta	agaactataa	gtctccatgt	taatattgta	ttatgagtat	gacagttctt	420
gggtgggtcc	tcagggcagg	tctgtcacct	tcaacaaagc	ccgagtttcc	taattctaca	480
gagctgggtat	ttggatgtaa	tcaaactcgt	tttgacaggtg	gccaaagatg	aaaacttgtc	540
caccaatcca	gctctcccca	ctgagggata	gcatgggatg	tagatgggtt	tgactccatt	600
tggcattttt	gttcacggnt	ttttatgaga	tggagaggtg	agtgttggtg	ggtgtccatt	660
ttggttggcc	tcaaggaaat	gactctattg	agtgtttttg	accaatgcac	tcatatagtt	720
atgtggtaag	tgaaggatgg	gggtcctgta	cacaaccacc	cactagttct	nttctccacc	780
aaaaaggaat	aaaagttttg	ctttcattct	caaaaa			816

<210> 4005

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4005

ttnnnnccnt	tnnnnnnnnt	ttgaatttct	ttantacaag	ctacttggtc	tttttgcagg	60
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gacaccctgg	ggctctgaca	accattggga	gtgtctggtg	ctcctgggtg	agagagaggg	180
ccagttggaa	aagcctgcag	gccagccct	ggggcagaac	tgagtgtggc	gggtgctggg	240
cacaggatat	ccccccagg	gcttagcttc	atgcattcag	gcttaccttg	aggctccaag	300
cttattgggtg	gcataagctc	tgcatatccc	tcacctgcca	tcagcctcat	ctgaatcttt	360
gtctttcttc	agataagccc	ttaggcacca	gcttagacac	ctccaagaac	caggccccgc	420
tgatgcaaga	tggcagatct	gatacccatt	agagccccga	gaattcctct	tctggatccc	480
agtttgcagc	aaaccccaca	ccccagctca	cacagcaaaa	acaatggaca	ggcccagagg	540
gtgaagcaaa	cagtgtccct	tctggctgtg	ttggagcctc	cccagtaacc	acctatttat	600
tttacctctt	tcccaaacct	ggagcattta	tgcctanget	tgtcaagaat	ctgttcagtc	660
cctctccttc	tcaataaaag	catcttcaag	cttaaaaaaa	aaaaaaaaaa	aaactcgagc	720
ctntaaaact	atagttagtc	gtattacgta	gatccaacat	gataanaaca	ttgatgaatt	780
tgagaca						786

<210> 4006

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4006

attccatcag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagggga	60
attcgaccaa	catggagaaa	ccccgtctct	actgaaaata	caaaatagcc	gggcgtgggtg	120

gcatgaacta ccacactcgg c	atattt taaaatgcag ttatttctga a	ttttg	180
ttttacacaa tttttttttt a	taataag atgtattgta aggattatgc t	gtatgg	240
tacagagtat acttcacatt gttcctgtct	tttttgtggg ggagggaatg accgaaagca		300
ttgggaatgt taaaggcaaa tgagtaaaaa	gaaaactaaa aaacgattac ttcttcaa	aat	360
aatgaggaaa gcgtttttaa aatttttgtc	tgttttttaa aagcaagttt catgttagat		420
ttcttaccac actcaattat ttcctaatat	aaaatagata taaaatttgt gatttgttac		480
tttttatgta agcatatata gtccagtcta	aaatgaccaa cttccaaatg tgttccagaa		540
aagaatcatg acattttata gctgaaaagg	acctaataat ccagtccttt taatataaca		600
tatggtaact gactccttgg gagtataaaa	ttaattattt aagaaccagg taagatagta		660
gccagagcct agaaccaatn actcagatgc	cccttatcca ttctaataatt ccacagcatt		720
ttctagaaac ctcacttaan gcanttaatg	tggatagggt tttacctcna aaatagtcaa		780
ncccccaaat gtagccaaat acctaaggng	gccttttttg nttn		825

<210> 4007

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4007

ttagnnnnng tttaanccct tttgaanttt	ttanaanaca agctacttgt tctttttgca	60
ggatcccatc gattcgaatt cggcacgagg	gcagctggtg agtggctctc tgccacag	120
gttcgggact accccgctcc ccatggcctg	cccagcgctg agtgagagcc agcccaagt	180
cggccacttc ctccagttca tggatgagtt	ctgccaggag cccacagcca gtgactcaca	240
aggctagagc tgtgcatggg ggctgtgtgc	accacccggc ctgtgcccc nctctcccc	300
agggctctgt gccctggacc gcacctcaag	gttgaccagc cggccacagg cctcagagct	360
cagctgggccc cacttgctg gccacaagg	ggcatccctc tgtcaggatc tcccctcct	420
ggcccaggca tgacctgggt cctggcccag	cggcaataaa gagtgggtgc acagggcaat	480
agactgggtg ccacatgcat tctttcttgg	aacccancca cagcaacatt gtcacacttc	540
cctctaaaaa tggttttcca gntcagatgc	aacaggggata catttgttct ctgttgatg	600
agaaactgac accaagggga tcttaacaaa	ttcctgaaca atggcttcaa aaaaggatat	660
ttttaaaaac cagatcttgt gagtacaagc	cctaattgtgc anggacaggg tcatcctgta	720
tattcgttct ttactcaaac tctttcttgg	ttccttcatt angaagcatg aatgggtgaa	780
tgtgaac		787

<210> 4008

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 4008

tattcnatnc agctcttgtt ctttttgcag	gateccctcga ttcgaattcg gcacgagagt	60
acgagagcaa agaatgcccc gagatgacac	tagtgatttc ttgaaaaact cattattgga	120
atctgatagt ggcttttatt ggggcttacg	gtgagacata tcttgccatt gaagatgacg	180
tcttccctcc accatcacag ttgccctctg	cacgggagcg caggangaac aaatggaaag	240
gactagacat tgatagcagt cgtncta	atg tagcaccaga tggctctctc ctaaaatcta	300
tatccagtgt aaatggtgat gagcttagag	tgagaaaaatg aggaacgaat gcgaagactg	360
aatgaatntc acaataaacc tattaataca	gatgatgaga gttcactggg tgaccctgat	420

<210> 4009  
<211> 766  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(766)  
<223> n = A,T,C or G

<400> 4009  
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gcacgagatg cctagtggtc tctgagtgtg ggattcttga acctgctgat ttgcatttca 120  
cctgtagttc tacagtaaaa aatgatttta tataactttt ggtatataag tctcaaaaag 180  
tgtgagtcag aagagatgaa acattatatt taaaatttca tatcaaagct tctaatacaa 240  
cgttgctaga gccatggctt ggaaataaat caggaaaaaa ccctcaaata cagaatcagt 300  
tgtgttaatg cactagaact tgccttctgc tttaaagcca taattaatca tttaaatgct 360  
ggataaaaac catgtgtttt gtcttttagaa aagggtgttg gtggacttca aggttttagat 420  
ctgtgctgtc ccatacagca gccactagtc actagcgggc ctggctattg agcacgtaat 480  
atgtggctat tgagatgtgc tctaattatc aaatacacac caggattcaa agacctanta 540  
caaaaaaaga atataaaata tctcaaaaat attattgtat tgattacatt ttaaatagata 600  
atgggtggga catattgggt taataaaaaca catctctnaa taaacttttt aaaaaaaact 660  
tttcaaaatg catctatgaa aacatttgaa antatatatt atggcttctg cttacgactt 720  
ggatcatgtt tatgttgggc cacatagttt aaatcnttta tatctn 766

<210> 4010  
<211> 784  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(784)  
<223> n = A,T,C or G

<400> 4010  
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cccatcgatt cgaattcggc acgagaagac acttcctctc cggaaagcca gtcattattca 120  
tcccagcgtc tttcttggtg tctgtgcatg gataaagcct cccattccc ccgtgcccc 180  
caccactttg tgtcctttca ctttgcttca cttatgtgcc caccactcca gggctccctg 240  
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agctgtcctg agtgggcact cagtaatgtg ggcgtaactg aaccaagctg aagagggag 360  
gagcaaaaaa caaccagaag ccctcagatt cagagtcatg tcgttaaaca ctttttaaaa 420  
taaaaaatta gctgtgcaaa ctgaaatcaa tttaaactat tttctttgac taggcaggaa 480  
agaggaggct gctacatatt aagaactccc acttaagcca aaccttcag tttccaatct 540  
ccaagcaggc attgagggcc tctgggctgc gtgtgggaga gccaggaaga aagaagagta 600  
ggcctgcct ttaaggtcct tcctgcctaa agcaatctat aggagctgt gttctaacia 660  
aaacttttat ttataaaaaca ngcagccagc cagcctgcct atgggcagta gtttgccaac 720  
ctgtgctgta aattaaaaga agcttaagag atctgtcaga tagtgataat gtatgcacat 780  
tatt 784

<210> 4011  
<211> 781  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

tttnannnnnt	ttannncnnt	ttgaaanctt	tatacaagct	acttggttctt	tttgcaggat	60
cccatcgatt	cgctcagcca	ccgtctcctt	acctgactcc	tctgggaaag	agtttcccta	120
ggttaagcca	tacagggata	gggtaggaga	tgccatttgg	atctaggagc	agagggcaga	180
gcctcagcag	gaagagtgtc	tctttgagaa	ggagacacag	tggagcaggt	gtgtaggttc	240
acagggccag	ctatgggtag	agtcgggtgt	acatttttag	aagccacaat	tcccaaaaat	300
ctcctgacta	taacatcagt	gcacagagcc	agtcaaatgg	aggaggagtg	gggccaggca	360
attcaggaag	aaggaaagta	acaaatgagt	ggttgcagga	ggacactttt	tctgtcgagg	420
tcactaaaca	aaacattgtc	tcctcccctt	aacttcagaa	acaatggagg	gtaaaagtgt	480
cgcctggggc	ctggggggcaa	agacggtaga	taacttctct	gtcgtgttct	ccagaagggc	540
ccaacaatta	caaggttcta	cggttctaaa	ttccaatcta	gtcttccaca	tcattttgaa	600
ggtataatat	tacttgtcaa	agtgggatga	tagaagatat	gtgtggacat	aaattgttgt	660
caaggaaaaa	aacttaaata	agaaaataag	agaaaaaatn	tntgtatgta	cagtggttac	720
tagaaatatg	cctttttaaat	at ttggcatg	tggattgtgg	cctcatcntc	actcagtngn	780
a						781

<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

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cccatcgatt	cgaattcggc	acgagattca	aagtacattt	gacaaccac	tgcaagttgt	120
ggcatacatg	ggtgccatga	accatgacac	caactacagc	tttcagggttc	aatgtggctt	180
aattgtgggt	ggcctacaaa	gatggatcac	ctgcccaccc	acatttcatg	gatgcagagc	240
tctgttccca	gtactggacc	aagtggcttc	ttcgactaga	agaatatacg	gaaaagaaaa	300
agaaccagaa	tattcagaaa	ccagaatatt	cagaataggg	agcaagttgc	tatttgggaa	360
cattcagcac	cttctcacag	tttgggaaca	tatattgctg	tttactccag	tgtaaaaatg	420
aggtgccact	ggatctgagt	gctacacgaa	cacaagtaga	agtattaatt	tgttgaaatg	480
tgttgttacc	aaaaagactg	aaaagcccca	aagtctagat	ataaagacct	agacttcggc	540
acgcgaaatc	ccactatgct	acctcttatt	tacctgaaag	gaggacacgc	aggatgggca	600
gtcatgctgg	tgactcttgt	actcccttga	gggacattgg	tggggggggg	gcgtgggtccc	660
angcaggatg	cccantcttt	gactganatt	ggaangcant	gangnttgag	ggtgccaaaa	720
attncccang	gttcacccag	anggggangg	gctacatgcc	ccanctgtgt	gcangggagg	780
acacn						785

<210> 4013

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

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<400> 4013
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cagccnccan cncgantng gcacnagctc nanagctgct gcttttcccn tgcnganaa 120
cnttnanttt agtcctggat tctgtcacan aacatntnan ctgcctntnt ccctnnggag 180
aattganntg gnaacctact tnagnngcat gaaaaaacct agacntctcn gaannganaa 240
ccaatnngcc cttattgaga ntactgatng atngtannac canagggaca cccgngnatc 300
aatacatacn ggctgntctt gcctntttca aggggtgggcc aaacgnccat nctanggntc 360
ggatcantat gggntngccc aagcgatcag aacncgagcc atttgcttag ctgcggaat 420
gaacangnt cttgganacn ggcattctata tacacccct ttcnttttnc cccttgatng 480
gaagcttctc tganatgaca ctctcaaaga tgngttctgn agtgacttat tgccaaagca 540
ccacttnncc tngttgagtt taaganganc acatttgggc taaggggect ntgnttngat 600
gtaaagtgat ctctngngg tctacatttt tcntaaataa tnccttatga tccaccatga 660
gtntgaatac tttgcttggg acatangctg ccnatcattg cctggaagct gccacaagta 720
cngnagtcce tggggcaaat agcttcaaat ttttgnact ctcaagccca tgtcacatan 780
tt

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<210> 4014
<211> 794
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

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<400> 4014
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gcaggatccc atcgattcga attcggcacg agcagagatc tgcaaattac agcccacatg 120
ccagctgctt gtttttgtaa ataagtgttt accggaatcc accactccca cttgtttaca 180
tatcatccct ggctgctttt atgctacant gaagtgggag gggttgagta gttgaaacaa 240
agaccttatt gcttgcaaag tctgaaataa acacactcac acacactgat ttatgtatag 300
aatatgtata caaatatata ttttatttat ctattttttt gagattgagt ctgccttggt 360
gctctgncgc ccaagtggga gtgcggaggc aagatcttgg ctactgcaa cctctgcctc 420
ccaggttcaa gtgattctct tgtctcaacc tcccaagtag ctgggattac aggcacatgc 480
cgccatgccc agctaanttt tgnattttta gtagagatga ggttttgcca tgttgccag 540
gctggtctca aactcctgac ttttagtgat ccgcctgcct ctgcattcca aagtgatggg 600
attatangcg tgagccactg tgcccggcct acaaataat nttttacagc acatntcaat 660
tntattaac tgcattttca aatgttcagn aggcacccac tgggctttgt atcgggntgt 720
actgggcca cacaatcta aaatngctgn atccttggna cctcctacct cctggtacct 780
tatnagaata agcn

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<210> 4015
<211> 786
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

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<400> 4015
tttgaaanct ttatacagct acttgctttt tgaagacctt ncanacaagc tacttgttct 60
ttttgcagga tcccatcgat tccaattcgg cagcagagaa gatgaccgag agactcttgt 120
cagccaatgc agggacacac tctgtgttac caagaactgg ctgtctgcag atactaaaga 180
agagcgggat ctctggatgc aaaaactcaa tcaagttctt gttgatattc gcctctggca 240

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acctgatgct	tgctacaaac	gggaaa	gccttaaacc	gggaaatttc	ctatct	300
agagggtttt	gatgtcatct	gaaacac	acttaagagc	atcagattta	ctgattgcat	360
tttatgcttt	aagtacgaaa	gggtttgtgc	caatattcac	tacntattat	gcagtattta	420
tatcttttgt	atgtaaaact	ttaactgatt	tctgtcattc	atcaatgagt	agaagtaa	480
acattatagn	tgattttgct	aaatctta	ttaaaagcct	cattttccta	gaaatcta	540
tattcagtta	ttcatgacaa	tattttttta	aaagtaagaa	attctgagtt	gtcttcttgg	600
agctgtaggt	cttgaagcag	caacgtcttt	caggggttgg	agacagaacc	cattctccaa	660
tctcagtagt	tttttcgaaa	ggctgtgatc	atttattgat	ccgtgatatg	acttggtact	720
agggtactga	aaaaaatgtc	taagcctttc	agaaacattt	ttagtaatga	ggatgagaac	780
tttttc						786

<210> 4016

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4016						60
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agatgcctat	gaatagtttt	cagtataagt	atgtcccatg	caatacttgg	gatacgattg	240
tgctgaagtg	gttttcattg	tttgtctgaa	cttcaaattt	aactggacat	cctgtatttt	300
tatttgctgt	cttgcaactt	ggttctgaga	gagagacc	agttcttccc	attcacactg	360
tgtgttgggc	agggcatttg	ggccacttga	tgttggttag	gtaggttctc	atcttgagaa	420
accaaatttc	tgattcccag	ctctgtgccg	gtactgtgcc	ttttccact	caagatctta	480
aaactttgcc	taggaagaga	agggtcggga	aatggtggga	tggggacttg	agtgttaatt	540
tctgagtctt	cttcctgggg	tggattgctt	ctgtgcccag	gtctttgttt	cccgtttag	600
gtgctgaccc	catatgctgt	ctcgactgca	atgacaaagt	atctaaatac	aaatgtgata	660
accaagactg	ctgatgagtt	tgcaaaaagt	cattgaatta	tgtcacaatt	ggaggtgaaa	720
cctgtggctg	ccttgcccat	gaaatcttgg	cgggctttct	gancctgatc	ccngcctggg	780
ccttctacag	cggtgccttt	caaaagctgn	tcctgaccac	tatgtggcat	acctgaactc	783
ant						

<210> 4017

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4017						60
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cttatgaaca	gtcgccatat	atatatagtt	gatgggcngg	gaagatctgg	gangtnagca	240
nnaagagcct	ttagttccgc	cncatagaac	aaantagagg	tcacagggtc	natgccctga	300
gatatggaat	tgaaatntta	gacttcaggg	tcatagactc	ttggaaggaa	nactagagta	360
cattcntgac	cctcncctt	aattncttna	caggngngaa	aaccangagc	tnngaaaaat	420
nngttattcc	tcantctcag	ggctacctnc	gatctgtggt	tgctctgacg	aatggaattt	480
atcctcacan	attggtgttc	tnnntgtctt	accaccta	tanntnctg	ctaccaaaaa	540
aaaaaaaaaa	aaactcgagc	ctttanaact	atagnagtc	ggattacnnc	natccngnca	

tgatangatn cattgntgag	gacaaa ccnnanctag	aatgcancga	aatgct	600
ntatttgcga aatntgggat	gtttgctt tatttgaac	cattataagc	tgataaaan	660
aagttanaca acaacaattg	cnttcatttt atgtttcaag	ttcaggggga	ggngngggag	720
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ncttta				786

<210> 4018  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4018					60
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aacaagagac aagtagctcc	aggtgctcct	tcagctccaa	ggagagggcg	tggggggtcat	240
cggggtggca ggggaagatt	tggtattcgg	cgagatgggc	caatgaaatt	tgataaagac	300
tttgactttg aaagtgcaaa	tgacaaattc	aacaaggaag	anattgacag	agagtttcat	360
aataaactta aattaaaaga	agataaactt	gagaaacagg	agaagcctgt	aaatggtgaa	420
gataaaggag actcaggagt	tgatacccaa	aacagtgaag	gaaatgccga	tgaagaagat	480
ccacttggac ctaattgcta	ttatgacaaa	actaaatcct	tctttgataa	tatttcttgt	540
gatgacaata gagaacggag	accaacctgg	gctgaagaaa	gaagattaaa	tgctgaaaca	600
tttggaatcc cacttcgtcc	aaaccgtggc	cgtgggggat	acagangcag	aggangtctt	660
ggtttcctng gtggcanaag	gccttggtgg	tggcaaangt	ggtccttcct	tgccctcgan	720
gatttcncng ntggattcaa	aagaagtcgt	gggggcccgg	agtttgcgga	ttttgaatnt	759
aggaaagaca acanaagttg	tgcntagtct	acaaacaag			

<210> 4019  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 4019					60
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ggacataaat tatttcattc	acaccatctt	nccttcccac	acacacaccc	tgagacaaac	180
actggcaccg cntctaacaa	ctcaaggctg	tgtcccagg	atgactgctc	cagctntctt	240
acgtttctgcc tganagcctg	ccaagagaa	caactgtttg	atagggccca	tctacangct	300
ttgtganaga gtnggggcct	aattttgtta	anctccannt	tgtaaagcca	nanagcctaa	360
tcgcgtngac anccnccctc	ctgcttttca	aanattatct	gcttnccctga	atactgccta	420
tgccctccctn ctccctccct	attctcccta	ctgcagnagt	gantatggat	gaaattatgt	480
ncttccctgta ttaactcagg	tcancttggn	ttgnntttgg	caccgggnac	aagtgcgtgt	540
gggtctgctt gnaccactat	tcccccaantg	ccactggtag	cacanatcaa	caaatccctt	600
nctctnagct catntgttga	gaaattatca	ggagccatgg	gaagaaatta	ctatttttnat	660
catgntagaa atatatttca	nngtgtnttg	aagagtgtna	ananttga	ntgggaaaag	720
gatttnangc tgcacttggg	angcaanatg	atgaacctta	ctatggcact	nnggactnaa	757
agtangatga gccccantac	tgacccccag	gccngnt			

<210> 4020



<211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 4020  
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 cctgtgctgc atggaccacc agtgggtgtt gaggtggtga antgtgtccc cgctaactcc 180  
 actctgggca gtnaactgaa nagggagcaa agcccatgaa atgggccttt gtggcagtgg 240  
 tggaggtaga gtgaccaca acaaacctcc ccacttgtn ctnnccattc agnngntcca 300  
 gaggcagtga gcttggaatc ttaacangag agatcttggg gtgggggtgtg gactttccac 360  
 aaaggcatta cctacatgca cgttccctta cacatgtagc cttccaatct catacntaan 420  
 ancacttatt taagtnaaat atgcctattt caacagcaag aactntggnn tggggagtaa 480  
 agatnttntt anttnactat ttagtattaa ctgagtaaac atttaaaaag gactggatgg 540  
 ggggtgggcac atggggctgg ggtgcatttg ctntngctct acatttatga aagaccncaa 600  
 atncattatg tgacattttt tgnaaaacaag ggtatatata ctacancaga tacacaggng 660  
 ctagaanaaa agtncatcat aaaacttcac actnggggtt gtattacaaa accacatagc 720  
 ttcattngga nttatgatgt cnggaaaaat tattananct tgtnt 765

<210> 4021  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 4021  
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 tttgcaggat cccatcgatt cgaattttgc catcttttat caggctttct gtgtcgagga 120  
 cgctaccac atagagtaga agctaaaggg aagggatgtg aagtgcctc accctcagct 180  
 tctanctcat ggtgtcaagg cttgtgtgat cttagacacn tctgcctctt ctgagcctgt 240  
 ttcttcatct gtnaaacang gatgggaggt tgtggtnaan attccacagc aacactgcac 300  
 acgcatnaan tacctnggcc agggatgact cggcngacct cattttccct ctgcctcctg 360  
 cctanagctg ttagcaagca tccatcatgc ggntcacaca agagctcccc cnggaggtta 420  
 cagaaatgaa ggcngcagcc ccagtncttg ggtagcctgt ttccccctga aggaaacaga 480  
 ctcaatatca gcaacacaga gtgaatgacg ccagggtggc naacnggcct ttcctgnagc 540  
 aaatgcggga ggcttcatgg agatgacgtg ttatgaacan cactcatctt acgctgggag 600  
 cagcacatgc ccccggcang gagccagtcc ctgtcttcaa atacagtcac actgnggggtt 660  
 naacaatgtg taaatttggg ggcgatacaa acattcagtc cataacaccc ctataaccna 720  
 acccttaggc aancactaat ntacatntta tctttacaga tgacctattc tggacatgtc 780  
 atatnaatgg 790

<210> 4022  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(781)  
 <223> n = A,T,C or G

<400> 4022  
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 cccatcgatt cgaattcggc acgaggggtg gcggctgttaa tttgagctat tcgggaggct 120  
 gaggcaggag aatcacttga acccaggaga cgaaggttgc agtgacccga gatcgtagca 180  
 ctgcactcca tcctgagtga cagagcgaaa ctccatcttg ggggaggaaa aaaaagaaag 240  
 taatagggag gcaaatacaga atttgtgtgg gagtacccc tagttctggc tcttgtagt 300  
 atactcaacc tgtcaggcta ttctgagagc gaaagctcct gctttgggct agtttccatt 360  
 cagaatgggt tttgataggt atgaactagt ctaagcacia gtatacttct gtgtaagtag 420  
 catagctcct ctacttggct tcatagcatt ggacattaat agagaaaatg aaaaaggagg 480  
 gtatggtagc tgccttgaat agcatttgat ttttaatcct acatttatca gagccccagt 540  
 ttttaaaatg ttttaatagcc agatgtgctg tttgccaggc ttanaagttg gtacttctgt 600  
 gaatgaaan gtgtgactga gtcacataaa ctggtattca gctagcccag tcatcagttt 660  
 attccatatt caagggaaaa ccaaggctgn ttttctctt tatactttga agatgatggc 720  
 attttaaatac aagtaattgg ggctgggtgt ggtggncac atgtgaaatc ctaatgcttt 780  
 g 781

<210> 4023  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 4023  
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 ccaccatgat tataagtttc ctgaggcctc ctgggacatg cggaattgtg actcaattaa 120  
 acctgttttc tttataaatt acccagtccc cagcagttct ttatagaagt gtgaaaacag 180  
 actaatacaa tcctgaagca tttcatcaaa gaattgtaac aggagatgaa acatggcttc 240  
 accagtatga tcctgaagaa aaagcacaat caaagcagtg gctatcaaga ggaggaagtc 300  
 aaagcaaagc agaccagtca agagcaaagg taatggcaac agttttttta ggatactcaa 360  
 ggtattttcc ttgttgactt tgtggaggac caaagaatga taacattaat ttgcctattg 420  
 agagtgtttt gggaaagtta gccaaagctt tagcagaaaa acacctgaga aagcttcacc 480  
 agacagttct tctccaccgt gacaatgctt ttgctcatgt ctctcatcat caagaacaat 540  
 tttgttagag tttcaatggg aaatcttttag gcatccacct gatctggctc cttctgactt 600  
 ctttttggtt cttaatctta agaaatctgt caangggccc ccagttttct ttaagttaat 660  
 aatgtaaaaa nggctgnatt ggatgtgggn taaagtcttc cangaacctt aagttctttt 720  
 angngngtcc tnaaanggct ggggggcatt tttttaccna aaggggnent tggaaattg 779

<210> 4024  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 4024  
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 attcggcacg agcccagccc tagatactgg cactactgag gaggatcggt taaaaattga 120

tgtaattgac	tgggttggtat	cccagc	gcagagggca	gaagcactga	aggcaa	180
tgcaattatg	agaaaattct	atcaaa	aaagcacgaa	gctgcaaaag	atttgt	240
gaaaattcct	caggattcta	tagcagaaat	ctataatcag	tgcgaggaac	aaggaatgga	300
aagtccactt	cctgctgaag	atgataatgc	tatccgagaa	catttggtgca	tcagagctta	360
tttgaagcc	catgaaacct	ttaatgagtg	gtttaagcat	atgaattcag	ttccacaaaa	420
acctgctttg	atacctcaac	caacttttac	tganaaagtg	gctcatgaac	acaaagaaaa	480
gaaatatgaa	atggattttg	gtatttgga	agggcatttg	gatgccctaa	ctgctgatgt	540
gaaggagaaa	atgtataacg	tcttggtgtt	tgttgatgga	gggtggatgg	tggtatgttag	600
agaggatgcc	aaagaagacc	atgaaagacc	catcaaatgg	gtcttactga	gaaagctttt	660
gtctgccaat	gttggtgttc	ctgcttcac	gatattgcac	agtacttgtc	aantttcaag	720
gaatgccctt	canttagcag	aatatnggna	ttcctttgag	cgccacaaa	cttg	774

<210> 4025

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4025

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catcacactg	ttgtatactt	cgtagctatt	acttccttaa	tccccaagga	cttgtttaac	120
aaagtgttct	tcagtttcta	cttcctagtt	cctttgtgga	actggtaaaa	atttaaaata	180
tcttaacata	atattttatt	tcaaatagata	aacagtaagg	taaaatgtgg	tttttcttgg	240
acaacttatg	gtagaatgat	gtctagaata	tttagttatg	tcatttaata	ctttttttct	300
ttacaattta	aaaaaaaaatt	tattttatatt	tagatttcagg	gggtacacgt	gcaggtttgt	360
tacatggcta	gattatgtaa	tgccgaggtt	tggcctgcta	gcgcagccat	catccaaagt	420
gaccctagta	cccaataggt	agttttcaac	ctgtgtgcct	cctcttctac	cttctctttt	480
ggaatctcta	gtctattact	tccatcttta	tgttcacatg	tactcattgg	ttagctncca	540
cttacaaatg	agaccatgtg	gtatttgatt	tctggttctg	agttacttct	tttaggatag	600
aggatgaaaa	agagtgtacc	tccacttcat	ccatgtgctg	cnaagacatg	attcattctt	660
ttatgggtgga	tattttacct	ttttgcnagg	ggnanagatta	aattggccan	ntatgaaaaa	720
tgctgnatcc	ctat					734

<210> 4026

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4026

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gggggtgga	ccctgggatg	gggggagaag	cagctgtttc	tggagagaga	aggggtcatg	120
gtggccccag	actgtagaga	tttttatgtg	tttgatata	tctgctgtgt	ggaaaaaaaa	180
aaactacaaa	aaccctaatt	ttgtacatac	tgtattttta	ctattgaact	gtattctagt	240
ggctgttcat	gctccaagac	tttagttacc	gagacatgaa	tactatccat	gtaataagca	300
cttgcttgga	ataaaatata	aaactgaaat	aaacctgcac	tgaaacctga	aaaaaaaaaa	360
acaaaaannn	anaanncnta	aaananccca	aaaanaanta	aaaaaaaaaan	ccnnggcctt	420
ttaaannttt	ngggngccgt	ttancttaan	cccnntnttn	ntannacctt	nnttnatttg	480
ggnnaaccen	cantttaatt	nccggnaaaa	aatgnnttnn	ttgggnaant	tggaancct	540

ttngctttnt tngaaccntt	agntgc nataananag ttaccnnca	gncttn	600
nnntttaagg tttcaagggt	ggggga aaggttttgg naagggttt	aattnn	660
cnggggcccc cnggggnccc	ccaattnncn ttttgggccc	cggggnnccc ccaagntttt	720
tnnnntcccc cttttnangn	naaagggggt ttnaatttgn	ncccccntt tgggcnnna	780
aaannnngng gggnnnnntn	aancctntnt nnncccctng	nnnnnnnaaaa aaattnc	837

<210> 4027

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4027

ggnnnnnnnn gnntntaata	nncagctact ngttcttttt	gcaggatccc tcgattcgct	60
gccatgtcta gtgggtcttt	ctgggtctcg tcctgagttt	gtcacacctc ctagggccca	120
gaggagatga tgtggtattt	ctatcactaa aaggagttca	agaccagctt gagtaacatg	180
gtgaaaccct gtctccacta	aaaatacaaa atttagccag	gcatgatggc gcatgcctgt	240
aatcccagct actcgggagg	cggaggcagg agaatcattt	caaccagga ggtggagggt	300
gcagtgaccc gagatcgcg	tactgcactc cggcctgctg	gacagagcaa gactccgtct	360
caaaaaaaaaaaa	aaaacaaaac aggaaaagtc	ttagagaaac cttgtgttta	420
aatgaaatag ttaaaatggt	ttagtgccctt ttattttcaa	attacatagt cagtatcttc	480
tctcactactg attcttggtt	gtatctttac ccaaaatagg	agtacacctt tgtcatttaa	540
ttaattgttt gatataatct	tncaaaatat ggtatctggc	anaggggggt gngagagagg	600
aagaatagca caaggctttt	gtttgggtgc ctgcttgctg	ggttgatttt gagatccaaa	660
tcaactattt ttggatgaaa	tcgtagctaa tttttcctgn	aacctntttt ttttttnggt	720
ctctgngccc attggntgct	tgggatcagg aaaatgcctt	atanttttng gctatttttg	780
catttaa			787

<210> 4028

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4028

agnntttatn atcagctctt	gttctttttg caggatccca	tcgattcgaa ttcggcacga	60
ggttttctcc tgttacatca	tgctgaatcc tttcccttag	ccattagctt ttatgatgtg	120
gtcttcgtag gaaagccacc	ctggtgccaa gcctagcttg	tggggagggg tatgtgttcc	180
agaaactgct ctttgtgttc	ccttcaatga ggaaacaaca	tgtgtctact tatgtggcat	240
ccaactgctt ggagctccac	acttcccttt cgcgactcag	gctctggtgc tgttgccaat	300
ccttgcttgg caaagactgt	tcgatcatgt ggggtcctta	tttacaaggg aaagctgggc	360
cagaaggcta gcaattcang	tgttaccgct attgctgtgc	cttgtgttan gacattgtgt	420
gtgtgcatgg actgngcctc	caaactcagt agttcctatc	taaatatnaa gtatattaca	480
aacctggaag tacagaatct	caaccttaca gtctttccct	tantcctgtg gccttctaac	540
canctgntaa cgtgttgatt	ccttncaact cccaagtag	gcangcacan attgtgangc	600
ttaaaaagta atctgggtcc	tntgactcat tgaattcant	ttgcgcntct ggctggaaca	660
mntgttgta cagnttttaa	gaaaattgct ggntgccna	taaggtggc ctggtgctcn	720
gggcctgngg ctn			733

<210> 4029  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

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<400> 4029
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agaaggagaa agcacatgaa ggagcaagac ccatgagagc catcttcctg gccgatggca      120
atgtcttcac cactgggttc agccgcatga gcgagcggca gctggctctc tggaatccga      180
aaaatatgca ggaaccaatt gctcttcacg agatggacac tagcaatggg gtgttgctgc      240
ctttctatga ccctgacacc agcatcattt acttatgttg aaaggggtgac agcagtattc      300
gctattttga gatcacggat gaatccccgt acgtccacta cctcaacaca ttcagcagca      360
aggagcctca gagagggatg gggtacatgc ccaagagggg acttgatgtt aacaaatgtg      420
agattgccag attcttcaaa cttcatgaga gaaagtgtga acctattatt atgactgttc      480
ccaggaagtc tgaccttttc caagatgacc tgtatcctga cacagcgggg ccagaggccg      540
cgctggaggc agaagantgg ttcgaaggca agaatgcaga cccaatcttc atctncttga      600
acacgggtac attccangca aaaacagggg tctcaangtg gtcaagaaga acattcttgg      660
atagcaagcc cactgcaacc aagaagtgcg anctgatcag catncccaag aaaaccacag      720
acacgggctg tgancaaaaa tgaacttgta ccgaccatgn                               760
  
```

<210> 4030  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

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<400> 4030
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gaggctgtac ggagagtgtc ggaccgaggg gagctgggag caggtagctc ctccatcctg      120
agctgccgtc ctttgaaggg agaaccctgg gttagggttcg aggagcctgg cgagaactgt      180
gcacctctc gggaggagca gccccctcct gtgctgcttt cccccctcct tcaatatgct      240
ggggcggaga ccctggcctc caaagtgcaa ttccgggacc ccaaatecca gcggacgcac      300
caggctcagg tggcgttcca ggtgtgtgtg cgccctggct cctacacccc gggacccccct      360
tccgctgccc ttggagaacc tcctgaccct cacttcagtc cagccgaact tgagtgggtc      420
actaaggaga agggggccac actcctctgt gccctgctgg tacgggtgga atgaggggtg      480
agacaccact actacaagca cagtcggggc gcgggcccac ggactctgan tggcgactgc      540
cttcacctca ttcccgtagc tcgtggcatg cncangtgct ggancttggc agccgcncan      600
gaacatgtag gcaggctctt aaatgtaggt ggcaagtggc acaacttcca tgtccgaggg      660
ccacaattcg gctgatggaa gagtctnngg aacccaantt cagccctggg accccttttc      720
atgcntgatt ngggaacatg actcctttta ctneccn                               757
  
```

<210> 4031  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(776)  
<223> n = A,T,C or G

<400> 4031  
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aatatttaac cccaagaaag tgaaaactaa tataaaatta gaaagacctt tccaaattag 120  
acagtcaatt ccattaaaat aagaagttag aaaaacaatg ttgggcattg aggtgtaaat 180  
tttgcccaga tgtataccca gtgtgaaata tcttctaata aaaatatatt tggctcttat 240  
ccctgcacat gtagaggcat aaaaattggt aaacatgtcc cgctgtgtag aactttaaaa 300  
aaaaggcatt ttgaaagtgt ttgagtggca ctgataactg gtgaancnnn nntnnnnnnn 360  
nnnnanntnn nnnnnnnnnn nnnnnnnntn nnnnnnnnnn nnannnnnnn nnnnnnnnnn 420  
ntnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660  
nnnnnnnnnn nnnnnnnntn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn 776

<210> 4032  
<211> 774  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(774)  
<223> n = A,T,C or G

<400> 4032  
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ggggccttac attactttct tgcagcactg atggcttntg nttgaggctg caciaattcc 120  
tgcatttccc ttgggttgaa tggaggggat gggggcagtt ggtgactggg tgaaccacct 180  
gacttgagca gggctacgac tctctctgca aacnaaaccc agagacatga acagtgtgta 240  
nattttctcag tgggttccca tgtaggctgc tttccaaggg cancaagcat ggcttnatca 300  
ctcaccaggt gcttctgatt cagcactgtg atgctcggtt aanttttaat gaggttntaa 360  
atnttttctg atgtacgagt gtttatgcca acaaagatgc tgaattgtaa acaccancaa 420  
tctgagtacc ttcttttgat tncnntctnc atattgaata atccctntat ntttgtgcgt 480  
annatgaaat tgcattngat gtatnggttg anagtagatt ggtnatactt tncaaggaca 540  
ggcaacaatt tcacgatnna acttcttaaa aattntntn aacaaatgtn aaaatggatt 600  
nttcttccaa aaaaccnttt ttcnntttgg cacataccca ancaantgac ccngaaattt 660  
aaaagtaatt tagngacnnt ganttttagat gattaagggc nngtttaacn tttggacagt 720  
ttttgccctt ttttaaaagg ctcggantcc nntntntagnn aactcgctcc ccnc 774

<210> 4033  
<211> 769  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(769)  
<223> n = A,T,C or G

<400> 4033  
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acgaggtaaa catacaataa agctgaaaat tttagttagt acttatatgc tcatcatcta 120  
gattctatcc ttgagtaatc tatttttata aaggtattga tgtaactatt ttataaatga 180

aaaactacac	actaaaaacc	atgtga	tctccagcat	cacagaaatg	aaggat	240
tttttttttaa	cttaggtaat	gcttgaa	ctgtagtaat	tcaaagttag	ttcaaa	300
ggtagaattt	cccatgtatt	actatactgc	ttcacatcag	ctctattaat	aaaagtagaa	360
cagttgcaaa	ggaactttta	tgatctgttt	tgacaggaca	gacaatttaa	aaagttgtta	420
ataaaggttt	ttagaattca	ctataagcct	ttcatgtggc	tttagttagc	cacatggaga	480
tccgttctgg	gacgaaagt	ggaagtattc	tcaagaagta	aaaaatncca	aataatttat	540
aggggcacna	gtggtttgaa	gtactggtta	ggattanaag	ngggtcttgg	cattgnccan	600
aaaccanact	actttgcaca	attatncttg	aattccta	catatccact	agcctactct	660
cttaaagac	cccagaaacc	ttgctcttaa	catttaagac	aatgggaagg	tcttgctttc	720
taaaaatgcc	tttattttta	tacccttg	caataaatgg	aatttnacn		769

<210> 4034

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4034

cgcaattttt	annatnctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agctcaccaa	ttagcactgc	caccgcaggt	ctgtgaattg	catgtgaaaa	tagaatttgt	120
ccagaagtgc	tcatgcaa	tggtgcaaac	aaatgtggcc	tccatgtcaa	gtcctttcac	180
gtgttctgac	agactcatgt	ctttccagat	ttctctgatc	ggcgccccc	accccttga	240
cagttaccag	agctcataag	ccaaaggaaa	tagttcctgt	tgccatgagt	actgtgtctg	300
tggtgaggtt	tatgagctgc	tcttagggct	gggtttttgc	ctgagaaaac	aatcagattt	360
cgcttagatc	tgcaaganag	cagattagga	agggaaatata	tgcaaatatc	tatgttaatg	420
ccccaaacct	ataacttggc	ctcatggtgc	ttgtgtagca	nttctcttag	agaaaacttt	480
ttttgcattt	aatatatatt	tcatgntttt	gaaaatctgt	gttcatgcaa	agaaacctgg	540
aaagcaaaag	catnagggtca	aatatgaact	tggctntnat	tcatataatt	ggggatatatc	600
atatcttttg	tgacatanaa	cngtnctttt	ataaccatct	ttgcttttnc	attggaaaaa	660
atncagcttt	cctgangagg	aatatntttt	cantgncnct	nttaaacttt	tngannngng	720
tngnngcggn	nanggggccc	n				741

<210> 4035

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4035

gnnttnanat	acagctcttg	ttctttttgc	aggatcccat	cgattcgcag	gactcaagat	60
gacttttctaa	ggtgatttgg	ggatgcagtg	tatgcatttt	tttactcttt	ttgaaaaaaa	120
tcttttcttc	gcctttggag	tgtaacattt	ggatagtttt	attcagccca	taataggacc	180
aaaggggaagg	ggataaaaaa	aaattcttta	aagtacctca	gataaaaagg	ttttgtgaag	240
aaaaggactc	aaaatcctag	gttatacca	gactttatgt	tcattttgaa	ttttctttat	300
tcattttttt	cctctctgtg	tatagaataa	tcaggagata	ttggtgggca	gaactgttgg	360
ttgataacag	gaagcagagt	atctgagaaa	ggccctcatc	ctgtttcctt	ttggagctac	420
tgaggcctca	catgccagcc	attttaggat	ttgatgaagg	ctagagaaga	gttaaaactga	480
gccttcactt	actcagcatc	agtaggaagt	agtgttggct	acactaaaaa	caccgttgtg	540
ccagtgagga	tttgggggga	aaatgacaag	ctgcctgtga	taaacaagca	aactgtgaca	600

aactttttga	tgtgtaggtt	agcttt	tcaagtttac	cgtcctcaaa	tattta	660
tatatatata	tatgccccac	ccaatn	tngcattata	tacctttnga	cctgga	720
aaganaaaan	gatgaaatgg	ccngtaaaaa	ttggaanattt	ccaggaacc	cgatc	775

<210> 4036  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 4036						
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cgagcttttag	gttcttgatt	atgtcactgt	aataaagcaa	ccaatggacc	tttcatctgt	120
aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	gactatttga	gagatattga	180
tctaactctgt	agtaatgcct	tagaatacaa	tccagataga	gatcctggag	atcgtcttat	240
taggcataga	gcctgtgctt	taagagatac	tgcctatgcc	ataattaaag	aagaacttga	300
tgaagacttt	gagcagctct	gtgaagaaat	tcaggaatct	agaaagaaaa	gaggttgnag	360
ctcctccaaa	tatgccccgt	cttactacca	tgtgatgcc	aancaaaatt	ccactcttgt	420
tggtgataaa	agatcagacc	cagagcagaa	tgaaaagctn	aagacaccga	gtactcctgt	480
ggcttgcagc	actcctgctn	agttgaagag	gaaaattcgc	aaaaagtcaa	actggtctta	540
ggcaccataa	aaaagcgaag	gaagatttcc	angcaaagga	tgatagccag	aatgccatag	600
atcacaanaa	ttgaaaagtg	atccagagga	aactnaagga	cncaagtgt	gatcataatg	660
aggacccgga	aacnccagga	aagtcttcng	gngggaagaa	aattgaaaaa	ccngccaaat	720
gccttttgaa	agccaaactg	ggaattgaga	aataattcaa	atncttgga	atttaggagn	780
aa						782

<210> 4037  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 4037						
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gactacacga	tggaagaaag	gattccaatt	acgattttaa	ttgtatttta	aagatgagaa	180
aagaaatgaa	taagaaaatt	tggtgctatt	tttcttcttc	caaattagaa	tctatatctc	240
taaaaatact	ttgcatgttt	agtaaacatc	catcttgaac	agaagatacc	ttgacatcag	300
ttctatttta	tacttatggc	aattaagaga	tttagaaaagc	agaggaaaag	accaaaaaaa	360
agtatgtgtt	acaaagtgtc	atcatgcttg	taggacccca	gcattcttga	aactaacgca	420
cctttaaaaa	gtaatattta	cactgctgta	aattatttgc	aagtatcaat	gtttaattca	480
cttagaattt	taaggattat	ggatttacta	gcgaaaattc	ccctaaagca	actttcccat	540
atcagtaact	tttatttagg	gaaacaagtt	taatgtcata	atacatgtga	ccttggaatt	600
caatagaatt	ttcgaaacta	gaagtaactc	agaaccgttc	actagatgtg	ttttaaaggg	660
ctnttttgat	actggcctta	acatttgctt	atttgcaaat	taatatgtaa	agaatgggtt	720
ctaaaagtaa	gttttaagga	atgggtattt	cnncaaaaat	gttatttcct	attnc	775

<210> 4038  
 <211> 825



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(825)  
<223> n = A,T,C or G

<400> 4038  
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gagcccaaac ctaatttagg agtaaatttt ttgtagcaga tagccagatt tcagccaatc 120  
acaggcttcc agctaacaag actatgccca aataaggcaa atgcctcatc acatgatgct 180  
caaatnaggc agccacctag gcnaggccaa tcaggtaact tttctacttt gcttaattgt 240  
tcagcctgta caaatitgct gcttatgact gctgagcaga gctgtctnaa cctcttctgg 300  
tttgaggtgc tgccttatat atgaattggt ctttggtcac ataaaattgg ttaaatttaa 360  
cttctctaaa gttttgtatt aaattgtatg taaaacattg gtagcacaat ttggattcag 420  
atacccaaat attgactatg ataatgtaaa taatccttaa gcagactgat ttacaaaggc 480  
ctgaacaagt ttgatattct gaatattcac ttcttctgat gaaaaaattg ccaagacctt 540  
ncaattggca gggaaaaaaa atgtgtgttg gttaaataag ttatgtttta caaccaagaa 600  
catttaccac aanttaggaa aactctttac ctatggccca nggcacctat ttttaaacca 660  
cacccttttg gtaccctttt ttttaaattc ctngaaaaaa attttnttaa attaaaatat 720  
ggccttttta aatatttaat ttgggnanttt taatanttta angtggnant tttaaattatt 780  
tggccccctg gttttttggg ggaaattaat tgcngcaat ttaan 825

<210> 4039  
<211> 789  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(789)  
<223> n = A,T,C or G

<400> 4039  
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ttcgaggata tgttgacta gtngttcctt gtgactggaa tattctctgc ccaaactttg 120  
aaaggctagt tagttacttc tcatcattcg ggcttaggtt aagtgtttcc tccttagagt 180  
tcttcttga tttatcttcc cccagctcta aagtgccagt cacattaatc tgacatattt 240  
ctccatacag cactcatcac tgattgatna aaaatctatt ttgccatntt tctctctcac 300  
tggaatatta tgtgctcatn aagaagctac tctgttatan tgntcctgat cgtctgngct 360  
gcataacaga ttacctgtgt catataaggt gcacaataac tatatgcnnt gcgtgaatga 420  
ncaaacgttc tctccagtct nttttcaaatt cttctattcc atcacgactg aaccaaagg 480  
aaatgtacta gacgttctgt ctggcagcct tgttccatgc ttagcctttc antgattgcc 540  
antatctttt atgatgctgg gccttngcct tnaccatggc tagaatgtta gantnatgaa 600  
cnaananatg ccattttgat ccctgctgcy ttcacctnan tatggngcct ggcaagcctt 660  
taanaacntn atnactcagt gnaccaaag aatgagtaaa cgaccttttn natcctttna 720  
aggaantnaa ttngcctgnt tataggnaat ngttggancc naattccaac ttnggccaat 780  
tggaacccc 789

<210> 4040  
<211> 752  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(752)  
 <223> n = A,T,C or G

<400> 4040  
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 aggcagtctc ctgagccaga gtgtgctcag acagagtcca gctgggtggaa agggacttat 120  
 ggagagaaaa agaaaagcga ttagaaaaaa ttgaaaagag gtacagaaaac agctggattg 180  
 gttacagctc ggtgtttgcc ttattttgaa caggggtttga acagttggcc acctttggtt 240  
 gctcaaaact tgggtgattgg cacaagagta gggttacagtc tgtttgcaca tccatttagg 300  
 ttgcagttca ctgtgtacag agaaaccttt aggctgaact taaaacgtgt aaggagacag 360  
 ctttctgctt gatttaacag taacacgggt gtgtgttggg aggtagggag gtgggggctc 420  
 tttcttntnt nannttgnct tttncacaa canttntgan gantnagctt gtnatgnatt 480  
 tgnzcaactg nttntttntg tnattntaan cnnngancnnn cnnnnnactn attttnanat 540  
 ttnanaaaan tncatnnnnc nngcnmancc ttncctttnnn tncctgncnaa tnnnnngnng 600  
 nnctnnnnac nnannatnng nntnntgnnc tgnntnngnt ttntttttnn aananntntt 660  
 nttnnggnnnn nnnnnnnnt nctnttttna annnnnnnnn nngnnttnc nnggnnnnna 720  
 annnnnnnnn nnntnnncnn nnnnnnnnn nt 752

<210> 4041  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 4041  
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 tcagcccagc tcacggccct ggctgcccac cagcaggccg cagggaagga ggagaagagc 120  
 aatggcagag agcaagattt gccgctggca gaggcagtag ggcccaaac gccaccctgt 180  
 gtaatcaaat ctcagcttaa aactcaagag gatgaggaag aaatttctac tagcccaggt 240  
 gtttctgagt ttgtcagtga tgccttcgat gcctgtaacc taaatcagga agatctaagg 300  
 aaagaaatgg agcaactagt gcttgacaaa aagcaagagg agacagccgt actggaagag 360  
 gattctgcag attgggaaaa agaactgcag caggaacttc aagaatatga agtggtgaca 420  
 gaactgaaa aacgagatga aaactgggat aaggaaatag agaaaatgct tcaagaggaa 480  
 aattagctgt tcctgaaata gaagaataat ccttaacagt ctgcaaactg acattaaatt 540  
 ctatgtgttg acaattactg aatcagaagg catgaaagag tataatttta tgaaattcaa 600  
 aattattctt ttttcaagtt gaaacttgcc tcttctactt taaaaaagtn tntngaacca 660  
 gttacttcta ataatacaga aggagatgtt ttatnggaca tttctttaat ataaagttag 720  
 agatgtcttc ttagcagtat ggctatcttt tgccacagaa cata 764

<210> 4042  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 4042  
 gnnntttttat agatacagct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60  
 cgaggtttta tacattttat gttctttgca aaactggagc cccagaaaga atacaaagtg 120  
 agcttctgtt ccacttctc ccagaatagc ctaggatggg caaccatgta aaattcaata 180

aaaatccaac	cttctaacta	gtggtg	ttggagagta	ttaagcattt	agttca	240
ggtagaattt	tcatcctttt	gtccttt	cctagctgct	ttgctgtgat	ctgtca	300
ctccagatga	gggagtagtg	gtggaaaagg	aatgcattct	cagattcatt	gttggtagtt	360
caaaagaaaa	taagtaaacc	ttattcattc	tctgaagtac	tttccaccac	tactacaact	420
gatccaagaa	aacaatttcc	cattggatgg	tattattcag	agtgttatta	acaatcagtc	480
ctgaattttt	cagaatagta	ctaaagtgt	cttttttttt	aatgggttcc	ttncctcaag	540
gttatagtaa	agctttttta	taaccttcaa	agaatacaaa	gtggaatttg	taatttatng	600
gatatacatt	cctagtttac	aggtactatt	taaagctggc	aaatttanat	naagatgcct	660
tccctttaaa	ttgccctttt	aaatctatgg	catgtctcac	ttaagagttc	caatttcaga	720
atctcatggc	aacttgggaa	acggcntgan	ggaattt			757

<210> 4043

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4043

nggtntttna	aaancngccc	gttctttgcg	gaccctcgat	tcgaattcgg	cacgagcttg	60
aagtagaatt	ttttttcatt	ccttacactt	ctcagtgagt	ggtaactgta	gttnttgcta	120
tcatttttca	ttttcgtttt	tgcagttgaa	catacttttt	tcactcagag	agttggaggg	180
acttgcccaa	nactgcccaa	tggcaatgag	atttcaacct	caaatcaatg	ttctttttta	240
tgcaagatga	taaagagtng	gattcancct	aatttaggat	agaataaagc	caaatanntt	300
aggatagggt	ctttggtggt	catgggtgta	atctaatagcc	catgatgcaa	gtggcagagt	360
anagaattag	tgacagcaaa	taattaaagt	gacatattgc	caaaggaagc	ggtntagcc	420
cattatataa	taccttttaa	aggacagacg	catactcagg	tttattttac	ctgctgagct	480
tctgccttag	aagttttcag	aattgtgatt	acattgaata	ggaaaaaagt	ctgaactatc	540
agaaaccagt	gccgcaactt	tgacaaacaa	ctgattatta	taataatctg	cctctagcat	600
gagactatnt	taattattat	ttaagctctg	gnggacttca	ttaagcagcc	cagtnaccac	660
cngaaagggt	aaagattatt	aaaatggaaa	ggaatgggta	ccaattnggt	tattaattcc	720
gggaaccctt	aaggcangga	aaaatgggct	ttgaaacccc	aaaaaggtgg	gaaggctgca	780
antgaac						787

<210> 4044

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4044

ngnnntnttt	nnaaatacac	gctcgttctn	tttgcanagt	cccatcgatt	cgaattcggc	60
acgaggggga	aagtttttcag	ttgtattatn	agntggattc	tgactatttg	ccataactgt	120
attctataca	cttgctgaaa	acattgaatt	agggataact	gaatcatggc	tcctaaggga	180
aagacagggg	taggttcctg	gaagcctctg	gtcacaacat	tttcaccaac	tgatcaatag	240
ataaccttgt	tntgtttatg	tntgtgttta	gagacattta	atatatatng	ttgacttact	300
aacatcgaac	tcatggccaa	tagcactata	acttacggct	gaacaaagct	tatcaagtct	360
tttctctata	aggcacatcc	caccttcttg	cacttaggag	cactagacgg	catttctcag	420
cactatacaa	ggggctattt	aaaacagaat	aatcacccac	aaaaagcaca	acaattcana	480
aaaannaaaa	gcnaaagtct	tananaacan	aacattgcat	aananttnan	aatcagnaaa	540

aantngccc	tttaaaccnt	ggncgn	ttccanngn	ccnancntna	atccat	600
tggttaanttt	gggacaancc	ttgaag	gcnntgaaaa	aaagctnntt	ggaaatt	660
tggnatctnt	ngnttaattt	ggaacctttt	nacnncnttt	aaccnnttnc	cacntccntt	720
gnattnattn	nntnttnang	gttcangggg	aaggtttttg	naagtntt		768

<210> 4045  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(794)  
 <223> n = A,T,C or G

<400> 4045						
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gccagaagtg	aattcatctc	acaaaacatg	ttgactctag	actgggtgct	cctccagcta	120
ctactacccc	cattagtcac	ctagtaaaaa	atgacgacat	ttcatcacct	gcacatgaac	180
cgctttcccc	ccatttctta	atcatgaatt	nctgtgtctt	aaattattaa	tggttaagac	240
taggtctggc	agtaaattnc	tntctcctgg	atttttggcc	caactcgagt	atttttgaaa	300
aaccgacaca	gtatttttagg	ggagcccaaa	aaccatgatg	ggaaaaagaa	tgagctgggt	360
gtaaaggaag	agggtggcag	agccccctctc	cagcagtgtc	cacagggact	tccccagggc	420
accaggcacc	atctggagac	ggntttgggtc	acactgggat	tgcggggagt	cacctagtgg	480
gtggaggggc	cagggatgct	gctgaacacc	caaagtgcac	aggatggctg	cagtcganca	540
tgtcaganaa	agggtctggc	cccaaaagcc	actcgcgccg	gtggctgana	caancttgga	600
gcaagggaac	cctttgggtca	aggnccccc	gtttttttaag	ctaaaacgta	aancaggaac	660
cattcaagcc	aagaaggagt	tcccaggnac	gttttttttn	ttanggaatg	gaccctttaa	720
gaaaaattga	aaancatnnt	tacccatggg	gttnaacc	catggaaatt	tccggggccaa	780
attccaagtn	cctn					794

<210> 4046  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 4046						
ntgnntttta	atactngctc	tcgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
agactgtgga	gagatctcag	tttttctatc	tgtaattgct	catattttga	atgctaagtt	120
ttcatcaacc	ataattttta	cgtgctctaa	tatgtttctt	cacagattca	tgccatgttc	180
agtttaaaag	agtcctgttc	ttttaataca	ttatctttga	aatgcctctt	actgaggaat	240
gactaaactt	cttctgaaat	gtgctctctg	gattgaagtc	aagagtacat	gttgcaacaa	300
agataatcat	gacttttagt	attaagagac	aattaccaga	ttgagtgtct	cttanaaaag	360
tttccctccc	tgtgcagaga	ttactggctt	atcaaacaac	ccgccccatg	tgggccatat	420
atnattgaga	taattantnt	ccaactgata	ctaaaaggng	taattgggat	aaattaattt	480
tagcaaagag	tctgtntcc	aaagaaattg	ggatcatgtat	ttggcaatta	ccaaaaagtc	540
agtngtcaaa	tatgaatgat	accgtgggtg	gcagtgaaca	atcaatttac	tnaaggagg	600
ctggccttta	ccttcgctct	tngagacanc	tctagcctgg	aatcatgcc	tgataggatg	660
tcttntctgn	ganggactga	aaataaagaa	tacctgaaat	ctggangatt	ttaagagggtg	720
gtgtgaatct	gttnaagaaa	ggtgaggaan				750

<210> 4047

<211> 824  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(824)  
 <223> n = A,T,C or G

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<400> 4047
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tgggaatnng gcncggggag gaagcattca catatnctag aatantatga cttggctatc      120
aacccttgc cggctgnagc tccccatnng ctgtagtcct gtatgtgcta taccacacct      180
anagcacggc gccatgcctg gctaatttat nctcataact ttctacagag atgggggtctc      240
actatgttgc ccatnctggt cttnaactcc tgncttcaag tgatctncng cctgagcctn      300
ccaaagtgct gcgattatan acttnaancn atcgacttgg ctcaaactct ngttntaatt      360
ggncctttng tcagaaagaa tgtgccactc tgaantttgt tccnnatatt gnnntcttna      420
atcacttnna acctattnta cannnatntt natttnctca tgaaantgct gggattatnn      480
acatnaccaa atagtgcctg gctcaaatat tcnnttcaat agnnnctttn atnncanaag      540
actntgccac tnttgatttn gnntcangng tgttaagctt agtancttgc acttanctgg      600
aacctattat ncnttttfaat tttacttnna tnnatctttn ctaatcnnaa tntcnatctn      660
naatnnanct ttntaatnnc atctacnnc ngnttttnna attttntctga tnaactggnt      720
anttttancc ggnntttnta aataacgnnc nnaccnanat ntntangcat nnactcttcc      780
cntgtanttt tctncnaata aatntnncgg naanatacnn nacc                        824
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<210> 4048  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

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<400> 4048
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tataatctgg gggtagagag caagaagaag tactttgact ttgaggagat tctggccttt      120
gtcaaccacc actgggagct cctgcagctt ggcaagctca ccagcacccc agtgacagat      180
cgaggaccac atctcctcaa cgctctgaac agttataaaa gccgggttct ctgaggcaag      240
gagatcaaga agaagaagtg catcttccgc ctgagcatcc ggcgtcccacc caaccgcca      300
gggaagctgc tgcctgacaa aggactgctg ccaaagaga acagcgctc ctctgagctg      360
cgtaagagag gaaagagcaa gcctgggttg ttgcctcacg aattccagca gcagaaaagg      420
cgagtttata gaagaaaaag atcaaagtgt ttgctggaag atgctattct ccgagcttcc      480
caatgccgct aaggacgaca agaagaagaa ggacgctgga aagtcggna agaaagacaa      540
agaccagtg aacaaatccg ggggcaaggc caaaaagaag aagtgggtcaa aggcaaagtt      600
cgggacaagc tcaataactt tagtcttgtt tgacaaaagc taccctatga taaactcttg      660
taaggaagtt tccaactatt aacttataac cccaacttgt ggtctcttga agagactgga      720
agattcgang cttccttggc caagggcagc cctttaagga ncttccttat taaangann      779
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<210> 4049  
 <211> 805  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(805)  
 <223> n = A,T,C or G

<400> 4049  
 ttccaanngg ctnggttctn atncttggcn annaaaantn ggtnggaatt cggcacgagc 60  
 tttgcagcct tttcctgccc ttaaatttga taccttttgg gttaggagctg cataagngac 120  
 agttgctgnt tttacgttnn cacgcgtgat cttgaccctg ctacgctgaa gtgtatgggt 180  
 tctcttagcc agttctaatt tttgttcagg tggaagatgg atgcctgaag tgtagactgc 240  
 tgctagctga ataccatntg ggagcataaa ggtgacctga aggtagggng atatgtctta 300  
 aagcactttg taatgggaat ttttatcacc ttttaaatg gggttccttc tctagttagt 360  
 tttaatgtca gtaggtacat tcngtantgt tgctctgtct gtagctatta agngaggtta 420  
 ataaatggga tagcctccac agcttatttt tgggaaggtt ttgctgatac ttcctgagaa 480  
 gccanggaa ataaatacgc atagtctggc attctgcatc ttctttaaga tttgtttnta 540  
 tgtgtangta attgagtttt ttaaaagctt gngaaatcng cangcatatt accaaagtcc 600  
 ttgattaaaa tggtaatnnc aanaaatntt tngctgtcna attgagtacn ttttaatttca 660  
 nctcttaatg atggncntc ggtgnangga ttttgaaaaa ttccgaatct ttcaccatng 720  
 aacttaccct aggaattcan tttnganaat tnnncatggn naantcttgn nnggantacc 780  
 tgaaccataa atttcccngg tcncg 805

<210> 4050  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 4050  
 tcccccttttg aaccttgtcc aatnagtctn ggttctaate ncttntcnan nagnnaggng 60  
 ntgggaattc ggcacgagta ttagtgataa gtatatatgg acatcttttg gaacaaagat 120  
 aactaacaaa agacaagaat tttcaagaag gaaaacaaag aaaaaaagg aatcagggtta 180  
 tgttacatag nttanctgct tatagtnttt ctttggttct gctcatggaa acacaatgac 240  
 tatcaatcta agtaagacta taatatatta gaaggatggg tgatgagaag tgtgaagtgt 300  
 tgcaaaggta aatccttatc ttccgctatg aagtatcaat aagcaatgcc caaaaaaatg 360  
 aactattaag aagtaactgt aaagtatat cattnanaga tagagtggag tatagcaaat 420  
 gaatcagcta aaatatnttn aaaatgggta ccctctgggg agtggaagat acatgtatgt 480  
 attgnggggtg ggggatgcac tgcaatgaga tttctttttt ttaatccttg tggactact 540  
 tagntctcta aactatttgc atctataact ttgctaaaaa taacntttaa atttncaaatt 600  
 tgatcactct tgtnatcagt tcaaatngaa acaaggagat aacataattg ctaagnttat 660  
 ttttggcata ttnatcacnt tgtatatgtn tcantgagaa taccatgtta cattcctctc 720  
 aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaacna ttntngnant 780  
 ncactttng 789

<210> 4051  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 4051  
 gcgtccccct tttgaaactc ttcaaatccc ttggtttnaa nccctttncg caggatccca 60

tcgattcgaa	ttcggcacga	ttgcctt	aatcttgggt	tactagtaat	tctgcg	120
ctgtgcgtct	aaagectcca	agattgc	tcaggcatgg	cctaatagct	tcagtt	180
cactcagtgg	ctcttacact	ttgatacctg	aaacctagag	ttaactgtgt	aggaccaagc	240
tcttctgaag	gagtcaactg	ctctcctctg	tcaataatgg	ctgtttatgc	caaaacagcc	300
aagagaacct	ccccaccccc	ttccctctgt	caaagtgaaa	tggaacctaa	gaatggaagc	360
tagtggctat	tttgccatac	cccaaccaac	ttgctattgc	ttaattccat	ctaattatca	420
gctgggcgtc	gtggctcatg	cctgtaatcc	catcactttg	gtaggccgag	gcaggaggat	480
cactagaggt	caggagtttg	agaacagcct	ggccaacatg	gtgaaaccct	gtctctaata	540
aagataaaaa	aattagctgg	gtatagtgat	gggtgcctat	aatcccagct	actgggaggg	600
tgangcagga	gagttgcttg	aacttgggag	gcagcagttg	cagtgaagctg	agattgtgcc	660
cctgcactca	aagtctgggc	gacagantga	gactctatct	taaaaaaaaa	aaaannaaaa	720
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attgg						785

<210> 4052  
 <211> 813  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(813)  
 <223> n = A,T,C or G

<400> 4052						
agtctccctt	ttaanccttt	caaatccctt	ggttcangcc	tttacgcagg	atcccatcga	60
ttcgaattcg	gcacgagctt	gagagaatag	atctagatgg	gtggggcacg	gttctgggga	120
atggaagggc	caaagaggaa	agtgggcaat	gggtggggtt	agaacgcagc	ttctggactc	180
agcaggcctg	ggttcaaact	ctgttaatca	ctcctgttaa	tcccagcgct	ttgggaagcc	240
aaggagggag	gatcacttga	ggccaggagt	tcaagaccag	cctgggcaac	ataatgagat	300
tccatctcta	caaaaaataa	aaacaattag	ccagggtgtg	tggtgcacac	ctgtagtcc	360
aggtacttgg	aaggctgang	caggagaatt	gcttgagcct	gngagtagtg	agtcatgagt	420
gcagtggcac	gatcatggct	cacttgacgc	cttgacttct	naggcttagg	tgacccccca	480
acctcatcct	cccagggtggc	tgaaactaca	ggcacatgcc	accatgccca	agctgatttt	540
tttgtagaga	cagggtctca	ccatgttgcc	aagctagtct	acaaaagcat	ctganttttg	600
gaagtacatg	gaatttggtg	taacaaaant	atnttgaatg	gaaatggctc	tcantgtatt	660
tntggaattt	tccattaaat	aatttggtct	ttttccttga	aaaaacatan	nnctnctttn	720
tnntntnnat	acttnccctt	tnnttantat	tatanaatnt	cnttcnagcc	ctttnncaan	780
ttntcntgga	nttnnttatt	ncattttatc	cct			813

<210> 4053  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

<400> 4053						
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ctgatgaaca	tatacaagac	tgacaatcac	ctgaaacatt	atttacatat	cattgaaaac	180
aaaccctgtg	atccagttat	ctatgatagc	aatgggtgctg	tcctttcaat	gcctcccatc	240
atcaatgggg	atcattccag	aataacagta	aataactagaa	atatttttat	tgaatgcacg	300
ggaactgact	ttactaaggc	aaaaatagtt	cttgatatta	ttgtcaccat	gttcagtga	360

tattgtgaga atcaatttac	gaagct gctgaagtgg	tttttcctaa	aaatca	420
catacctttc cagaattagc	cgaaaag gagatgggtga	gagctgacct	aacaaa	480
aaagttggaa tcagagaaac	tccagaaaat cttgccaaac	ttctgaccag	gatgtattta	540
aaatcagaag tcataggtga	tgggaatcag attgagattg	aaatccctnc	aaccagagct	600
gacattatcc atgcatgtga	tattgnagaa natgcagcta	ttgcttatgg	atntaacaac	660
attcagatga ctcttcccga	aaactttcac cattagctta	atcaatttcc	tcttaataag	720
ctcactgaac ttnttcgaca	tgaccatggg canncgcttg	gcttcacttg	aaccactt	778

<210> 4054

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 4054

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gtgcttnacc actgcttact	canggcccg nctttgcccg	catttntgca	natcnnaacc	120
ctancccgag agcctctggc	agacttaana gcctgctgnc	ctcaccagng	ncccnacatn	180
gccggnctga gancnagtgn	ngagtcacag nctcagnan	aatgccnaac	gcctcnanct	240
gntcctgacn gntnccnagg	ggacaccata tagccttagt	catgnntcat	atgcccggan	300
gaatcttccc ccaganggga	ctatcctagn cnacnagatt	tgtgtcnaaa	tntctgcttg	360
ntgttngaac ctncanacna	tatggnanng acacactatg	gaagtctgga	attncatgga	420
natttnatga tatgaantaa	ntgtgtangc tcctggcata	gcaatgntgt	nttacttcgg	480
agntnaannng annctggacg	ttgcngacnt gntccntaat	ncaangcacc	ctnatggang	540
atagcnggac atnctgggct	tgnnnatnga tcctgntgaa	gcaannctgc	gntgtgatta	600
ttaccgctng gctggngncc	accagcactg gctaatgctn	tacggctnna	gtntctttgt	660
cagnntattn aatggntatg	taaacttttna gaattaaant	gggnnctntt	gngnnngant	720
annttaacct tacntntttc	ctat			744

<210> 4055

<211> 1017

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4055

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aggcattcca gatagtgggt	cttttcagaa cttttttaa	agggttggtt	aactacctca	180
gtagcagagg attgaactat	accctgtctg tactgtacat	agaaaatctt	tgtagataaa	240
agcaaggctt gntnaatatg	atatgagggt aagatttttn	atanaccnan	tgtaacnttc	300
ttagnccctt tagttncaa	aggcttgcat acttntntat	naccantatn	acacgcctng	360
nntttntcnn annnnnctnc	tgcacacaca naccntntnt	tntngtatt	tctgntncca	420
cannctnnnn ctntctctt	accnncctn ctnantnncc	nttncctccc	nnntccnccc	480
ccnccgacac ttactnctnn	cctncnccct ncccctcnnc	tnnnnnnnnn	nnntntnccc	540
ncnccnnnnn nntcnnnact	atctnttccc nctanngtc	tnncttnctn	tcnantntnt	600
gntcnncnnn ttctnttttn	ttcnntcatn tcnancnnc	ctgnnncctn	nncnccccnn	660
tnncnncntn tnttnaccnn	ngncnctent ctcttnnnng	nctntcnnt	cntnctcnct	720
cncnnnnntn ngctnnnnat	nctntnttat ntntcnnnn	ntnncacnnt	cncntntcan	780



cntctgttcn	nnetctcann	cnntac	tncnntntnn	cctnnnnenn	nncnnt	840
ctctctnnan	nttcncant	tcnnnn	anncncttg	atctncatcn	tctcnt	900
nencatgntn	ncnntcccn	attctntatn	nngnnngntt	acctnctntc	nnnatcnntc	960
nnnttacnt	catcncccc	ctgntntccn	ntnecgnatcn	tcnannccnn	tntcneg	1017

<210> 4056  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

tntttanana	tacagctctt	ggttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggcagaga	atcccttgta	gaaaggtggg	ggagaatcat	aggatattat	aactgtaagg	120
aacatgcaag	attttccaga	ttataccctt	gatagaatag	ataagttcct	taaggctcag	180
atcttgctta	aagtcgtcca	gcctgttaga	gacaagtaga	acacgaagct	ggcctctgga	240
gtctttattg	agtactttgt	acaattgggt	tagactggga	gagccctcct	cacttcccct	300
ttcttggtgct	gtaatttcc	gtggggcaga	acacctcaga	ggtttctgtg	catcaaaata	360
agatgcagca	aagacatgga	aaaaggataa	cgagacanat	tccancanta	agtagatnag	420
gttgngtttt	ttataaaaga	taacgaggca	ttccttccag	aaatgtggag	cctttgtaga	480
tttcagtgc	taaaacccaa	ccatgatttc	ctgcagtgat	cacagagcag	agangggaga	540
aagccctttt	atcacnaacc	ancaggaagt	ctctgtaaaa	tnggtaagga	ttctggttta	600
ntgtgaagaa	ccccattttt	gngtatgttc	tgggcccttg	gaaggacaga	tcatatttga	660
cntcanaata	aatgatcagg	ccagcatggt	ggttactctg	aatcctaccc	tttgggaagct	720
taagtggagg	attgcttanc	ccanant				747

<210> 4057  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

ngtattcaca	agcgctngtt	ctttttgcag	gatcccatcg	attcgtgaaa	atacttatct	60
atagaaacag	tgttgtaaat	aagagagtct	cagattatca	aatgaaactt	atttaaactc	120
atgtaactga	actaataata	ccagctgcag	ttttatcctg	gctgtaagga	ctaccatgat	180
gggaaaaaat	aagaggaaac	cttaccctcc	cccacattcc	cacatgacca	gcagcataag	240
ggctccaggt	taccacagta	tccatcattt	gtcttatggc	cacccaagta	cacctgttta	300
catgacttac	tgggcctgtg	tagaaattgc	agtttgtgat	aggatcccag	tatagaatca	360
cagaaactga	cttttgaagg	gtaatgtaaa	ggctatttgt	atctaact	tttttaaaaa	420
acagtatgct	tttgttttat	ttattggagt	atatttttga	agtcctgtc	ctctgtcact	480
gctcagagta	attatcatct	ggtttatatt	ttctagagtt	ttttgtgatn	ctataaatta	540
tgctctttgt	tatgtaacac	atgtaatttt	tttacaacaa	atgnggntaa	tgctatacca	600
taatctacta	caactttgaa	nggggtttccc	ccgtggttgg	ctactttgga	tctggccttg	660
gtngatattt	tatatnttat	antataggct	ctcgtnngtt	aaattccatt	taaccaactt	720
ccntggaaan	ttcccattct	ttgaaatggg	cccattaant	tattttaaatt	antttccctc	780
ttgggagg						788

<210> 4058

<211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

```

<400> 4058
gtnagataca gctctgttct ttttgcagga tccctcgatt cgaattcggc acgagatgag      60
gtgtgangcc nttnaatccg aanaagngcn cnaagantga gaacgtgatt gcntgaaatg      120
ttcatccaga natcttggnat tataggagaa cagggggaga ctngattgat taggttggnat      180
atatttgtcc tatggaccac ggtaacgggg nttagcnttc atagtatgta accaggantg      240
gnagnnggag tcatagagta tnggnnctct tnatcccagg agattcccaa tggggncagt      300
atctactgnc cttnnngaga gaccatgctn ngctgtctnt tttanggnna atcannaatt      360
tagtggctgc ccctncaatc ttcattccac tcatccntac cctnttgcca ttcttaatgt      420
natttgtggc cctgtcctta tcattttaca agggtaaatt ntctccaga tatangaacn      480
tgtttactaa actttaagcn cnttaantta aacatcntta cctaagaaca ntcttggttn      540
caannngagg ttnacaaggg gctagcgctn taaaaccact ctncctnttt nccggaagat      600
tgccnntctg ancttgtaag ntnangattc ntgtggacan gaaganttgt ggcatnacng      660
tttnacngnt gggttactan tgcacntgtc aactngnngn gaaatgtcnt ggatacaang      720
tgtnatgggg ntgaatttna acgggacnca anggtggngg c                          761
  
```

<210> 4059  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

```

<400> 4059
ggnnnnnttg tctatagctg gctctcgtct ttctgcagga tcccatcgat tcgaattcgg      60
cacgagccat cngtgnctng cnangggcct gccccatagg atggcctcag caaattttca      120
gtgaactcaa gttcattgan ttccaattng tgaaataaac tagagggcct ctctgaactg      180
ccngcctnat gagaangact gtgannagta nccngnccaa nacagactga ctgtgacaaa      240
nctagananc attacaggtt tctgagaaaag aangaagggt caagttcaca ttggtactgt      300
gaccacgnca gctcattgcc ctctanaacn gggctctgca agctttctnt ttactggagg      360
ctgnactact ctttnaagct gnaacagtgt gattataanc ccnnantngg ccccttttga      420
cancatcttt acaataatgc tcttggttcc tcaaccngct ggtgactctg aaagctgatg      480
nngacgggnt gccaaaantc atnatatann cagcctncna aangcngtga tctctncatg      540
anctcatgna nccttaaachn cgtgcttgcc cnttntttta caccnttaac aatnttgaca      600
tncacctnna tgcctntngc gaantcaaat ncccgtagt ccaggcttga aaangaaaca      660
cccgttntag gttgggacct ttccacaagn tccnatgcn ggggnaanaa caatgnnttc      720
attgnnnnga naatncgtca atccattgg nttttanttn gtnccttttc aaacgcgngc      780
cttttaana tngttgnaa cccc
  
```

<210> 4060  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(750)  
 <223> n = A,T,C or G

<400> 4060  
 ttnttcagct cttgttcttt ttgcaggatc ccatcgattc gaattcggca cgagcccagc 60  
 cataatggag cctgaaatca ggaattcatg tttcaagggtt acatgtacaa atgtatgcc 120  
 tctcagaaca atggccattt tgagaaagcc agtgagagac agccagacca ggctcctctgg 180  
 cctagcacc accagtgcct gccagctcag cccaagtctc ctcacctagg atagcttgat 240  
 ggaataacaa tgtattttta ttttctgtag acctaaaaact gctcttaaaa agtctatttt 300  
 aaaaatccat cattaaaaca cagactttct ccataataag aagttggagg ggctgggcac 360  
 ggtggctcgc acctgtaatc ccagtacttt gggaggccga ggcagatgga tcacgaggtc 420  
 aggagctcga gaccatcctg gccaacatgg tgaaaccccg tctctactaa aaatacaaaa 480  
 attagctggg tatgggtggc cācgcctata gtcccagcta tttgggaggc tgaggcagga 540  
 gaattgcttg agcctggaag gtggaagtfg cantgagccg agatcgtgcc actgnacttt 600  
 tagcctggcg acaaantgag actccgtctn aaaaaaaaaa aaaaaaactc gnccttttag 660  
 actatagnga gtcgtattcg tagatccagc atgataggat ccttgatgaa tttggacaac 720  
 cacacttgat gccgtgaaaa aatgcttntt 750

<210> 4061  
 <211> 851  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(851)  
 <223> n = A,T,C or G

<400> 4061  
 anaannngtc aatgctggct actcgnctnt ctgcaggatc ccatgcgatt cgcttgaacc 60  
 tgggaggcan aggttgtggn gaantcaaga tcangccact gcactccagn ctgggtgacn 120  
 ngagcagnga ctccatctca agaaanaagt nantaacnaa tnnttcgngn atgtgatgac 180  
 tgactntagt cnttatggaa aataacttcn ggcagctnag tanctactgg tcancaattc 240  
 cgntgtntaa gagangtntc acantcnant nctcaatatt ntcagnctga tttcaatacn 300  
 gacacgcnac cactgaaatg cngaaagatg gnaatcanag tgtgatgttn ntatnnaant 360  
 ctcgagattc acatgtaatn agacccttta ncttnaatga tcacnacatn anaatggnga 420  
 catgatctta acttgggaac atatggantn tgtatttgnn aattntagnn tcacanacnt 480  
 atccctatga ntngnacacn catgnctgaa atctaagctt tanaatattn nctntgtcag 540  
 tnaaacagca tgnttncatg cnnactgaan ctaanntccc aaatnaantg ntcatttttg 600  
 gatngnnngn ancacattgt naaccaattc gttgncaact tntgnntanc aaatnnnnna 660  
 ccatanctcn nntggnaccn atggaagggg tnnnatnnna ncaanaancc ttnggnnccc 720  
 ntctangnnc ctnttngtag angncncaan ttcccnctcn tgnnccanga catggnnncn 780  
 ggantacccc ttcattaatt ttggctnnta tancctcaan anttgaaatt ccnnnnncna 840  
 naaattnnnc t 851

<210> 4062  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 4062  
 ngnnttnatc agctcttgtt cttttgcagg atccctcgat tcgaattcgg cagagcttc 60

cttgtataat	actgatcatt	tttagc	ggtaagaacc	caagaaggag	gataacc	120
tgtaaagctt	tctggtcctt	gagcctc	tccttctgtg	catattatta	aaattct	180
tcaaaagatt	ctgagatgct	ctcagtggtt	cattgctact	ttaattttta	tcattatggg	240
attgattgct	gtcacagcta	ctgccgcggc	agctggaggt	gctttgcatt	tcacagtaca	300
aacagcagac	tatgtaaata	attggcagaa	aaattctact	ttgctgtgga	attcccaaac	360
taatattggac	cagaaactag	ctaatacaat	caattatctc	caacaaactg	taatgtggct	420
aggagattga	gtagttagtc	tagaatatag	aatgcagtta	caatgtgatt	ggaatacttc	480
tgatttttgc	attactcctc	atctgtataa	tgaaagacag	catgagtggg	aaagagttaa	540
gaaacatttg	aaaggtcata	ctggaaattt	acttttagata	ttatgcaact	gaaggacaaa	600
tatttcaatc	ttctctggca	catctgacac	taatgccagg	aactgaantg	cttgaaggcg	660
cttcaaatgg	attagcagct	attaacccat	taaaatggat	caagacnaaa	naaaaaaaaa	720
aaaactcgan	cctnttaaaa	ctatagnag	tcgtattcgt	aa		762

<210> 4063  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4063						60
gtttatncag	ctctgttctt	ttgcaggacc	ctcgattcga	attcggcacg	aggtcagagg	120
tcaacaatga	gtatgtggca	ataacaggat	tcaaaccag	atctgttagc	ttccaaagtc	180
cttggctcta	catgctaccc	actagttcct	tggagggggc	tccggaccat	ggaggtcaca	240
caccagtgtc	cagagtgtgg	tcctcacagc	acctgcatca	acatgagggt	gggatttgat	300
taaaagtggg	tttctggggc	caccacacatt	ctgaatctaa	agttctgggt	gtggttttag	360
gaacctgtgc	ttttaacaag	tacccttagt	gatttatata	cttactaaac	acttgagaat	420
cactgatctt	tccagtgtgg	tgtgacttat	agacagtgtt	ggacagaaat	gaaacaaagg	480
agaaagatga	agcacagaca	gaaagagctg	ggaggatgcc	ctgcatgttc	ttatatctgt	540
aaatacgcat	ctcttctcct	ttgtctcagc	ccttgctgtt	taaatctaga	cccttacatt	600
tttcaactat	ttggctccag	cctncccttg	cctgactcct	ggctttgtat	attacctctc	660
tttctgact	ttcactgcct	tttacaagtt	tgcattttct	gtcatttttt	agaagatcct	720
actaagggcc	aaaggaaaat	acactgtaca	gaaacctaaa	attaagccct	ttagaactat	759
agtgagtccg	tattacgtag	atccagacat	gataggatt			

<210> 4064  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4064						60
gntttnnnca	gctcttgtct	ttttgcagga	tcctctgatt	cgaattcggc	acgagattct	120
cccaaaaagg	ttcatcccga	gaacactgaa	gaataatttt	tgggaatgtt	aatgatgtgc	180
cacaaaatta	gtattttatg	atcaaatgaa	tttgctttat	aatattttat	ctaaatattc	240
atgctcctga	agactcacia	aataaaggaa	actttatcca	gctttttcca	gaatttactt	300
gcacatagac	tccatttata	tagcatgcct	attgaactct	gtaaatagtg	cagttcagga	360
aagatagcag	tgtgggaaat	gtcactctaa	tggtcatata	cgtttatccc	atgggagggt	420
aaagcatata	ggtgagagga	gagtgatcgc	cctggggaaac	tgtaatgaga	aaggattgat	480
ggctgtttca	gttggtgttt	tcctgtccct	ggctgctggc	atggggggcaa	gggggagggt	

gaggctcagg	tcttagagaa	acattg	catttcactt	cacagtcagc	agaaaag	540
ccaggcaagc	acccagaagt	gccccca	gtggagtcac	aaaagactat	tctcttnc	600
cacattgaat	tgtgacacac	aggaagctca	ttacagactg	agtgccctga	gtttttat	660
ggggctagtc	atgtagggtc	ctttggctcc	atgcccccca	attccagact	tccagaaaga	720
aagccagaat	tcaaccttaa	ctggcttggg	tggtcnaacc	a		761

<210> 4065  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaata	cacaatttac	60
atgtcagagg	atggtagagg	aattgtcact	tatgcttcag	tctgacttag	tgaagcagtg	120
gggccgagaa	agcaatcata	tacgcatttg	tctcacatga	gcagaggaac	agagggatga	180
ctttaagtgc	tgtctgtttt	ttgtccacaa	ggaattttct	tgtgggcaaa	ttgtgaggtc	240
ttttagtcta	tcttatttta	ggaataaaat	gggaggcagg	tttgcttgat	gtagttccca	300
gcttgacctc	ccttttcctt	agtgattttt	ggttcccaag	atattatttc	ttttcacaga	360
ataaattgtc	tttcagaccc	agagagcatc	acagtcacat	tcagaaaggt	gtccaaatgt	420
aaatcacact	ttcacataga	attacagcta	tattaacaaa	ttttttcttc	cattgncttc	480
atttgtaata	tataaaaaac	ttaagctttt	aaaaaactaa	agttgaatta	tggncttaaa	540
aatgatggtc	aatcttatct	tcaactggcag	gatatagacc	atttgnctgg	ataattttta	600
gtaagtgtct	atacagtttt	angccttcct	agntattatt	tggtggggta	nttctcttac	660
tttccttggg	nccagttttt	accattggga	acccccccct	taatngncca	ccntnttttt	720
cccccccan	aaanccann	cnnttttaaag	gggggaaaaat	ggccccctnat	taannccnng	780
gg						782

<210> 4066  
 <211> 576  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(576)  
 <223> n = A,T,C or G

gnntnanntt	cantatanat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggctgggtg	tagggttctt	tgtttttggg	gtttggcaga	gatgtgttta	120
agtgtgtgtg	ccagaagcgg	ggggaggggg	tttgggtggaa	attttttgtt	atgatgtctg	180
tgtggaaagc	ggctgtgcag	acnttcaatt	gttattaaaa	aaaaaaaaan	aaaaaaaaaa	240
aaaaaaaaaa	aaaanaaaaa	aaaaaaaaaa	aaacntcggc	ntttaaannt	ttaggnngtc	300
gtnttacnta	antccngacn	tnatannatc	cnttgtnaat	tttggncaan	ccncacctna	360
atgcatggaa	aaaantgctt	tatttgnnaa	atttgnnatn	ctatncttta	ttngnancct	420
ttntaanctg	caataancaa	gttancaaca	ncaattgcat	tcatttnatg	ttccaggttc	480
aggggnaggt	ntgggnaggt	ttttaattcg	cggcgcgggc	nccaatgcnt	tggncccggn	540
ncccantttt	gttcccttta	ntgagggtta	attgcc			576

<210> 4067  
 <211> 771  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 4067

nngnnnnnnnt	tttanancag	ctctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagactg	aatgggctgt	atctggggaa	tcaaggtatt	aggggtgagc	aaaagcaaga	120
ggaagtagag	catttgatct	cttttccttt	gattaggttg	aggacaataa	agtctcattc	180
tctcccttnt	tcccatgggc	agccttatat	atgattgaag	aacattantg	cananattcc	240
tcacccnnaa	ataaactctn	gtacttntat	actaattaaa	gattcatgtn	aattactaan	300
ttcttggaag	actatggaga	actctgtggg	ggctgtnatt	cacactttan	tatgaattgg	360
nttaatgacn	actgtnatat	tggctacata	aagaaatgga	cgtttttatt	tgggggttagg	420
ggatcacaga	tgtggactgg	cttaggtaga	atgggtccctg	agcnaaggag	atattgaagn	480
ttatgaggat	gtgcaagata	agcagattta	cttttgcatt	ttattttggg	ctatctcagc	540
ttcttttact	agaagctcat	gcctataatc	ccagcacctt	gngaggccaa	ggcaggagga	600
ttgctttgaa	gccaggggtt	cgagatcann	ctgggcacaa	anccagaccc	tgactntcca	660
aggangattc	aaagatttct	gatggngaaa	acctcggcct	ntaaactatt	ggggtcgttt	720
acggngatcc	nganatgata	anancatttt	ngagtttggc	caaaccac	n	771

<210> 4068

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4068

ggnnnnnnngn	nnnnnnncgn	ancancactc	gnnagnaaag	cccttcccan	cgactcgaat	60
tcggcacgag	ccaccctggt	gctcctccct	ctccctggta	ccctgactac	caggaagtnt	120
tgtgctagag	cagctggaga	agtgcaggca	gcctgtgctt	ccacagatgg	gggtgctgct	180
gcaacaaggc	tttcaatgtg	cccatcttag	gtggggagaag	ctagatcctg	tgcagcagcc	240
tggtaagtcc	tgaggagggt	ccattgctct	tcctgctgct	gtcctttgct	tctcaacggg	300
ggctcgctct	acagtctaga	gcacatgcag	ctaacttgtg	cctctgctta	tgcagagggg	360
ttaaattaac	aaccataacc	ttcatttgaa	gttcaaagggt	gtattcagga	tcctcaaagc	420
attttaacct	tgccgcttaa	aaccaatttt	accgtgaaat	gggaattttg	ctgcattggt	480
aaactgtagt	ggaaaccatg	ctatagtaat	aaaggttata	taagagagaa	attgaaatta	540
aatgtgtttt	taaatttcaa	aaaaaaatca	atcttttagga	tgactnaaaa	attgatttgc	600
catgtaaaat	gtatctgcat	tttttacaca	aaacttgntt	taaagcataa	aaatttaaaa	660
ctgnnctctt	ggatgtatta	tacattttga	accatatgta	ttaaaccata	aacagtntaa	720
tgggtgtata	ataaaacagg	cattaatttn	ttaataaaaa	aaaaaaaaaa	actcggcctt	780
taaactt						787

<210> 4069

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(799)

<223> n = A,T,C or G

```

<400> 4069
ngnnntntnta tancagctct ntntttat gcaggatccc atcgattcga aggcacg 60
aggtccatta caccgccagc agcaatgtct tctcggcca tggcagtggtg tcacgggtgc 120
agcagtgcaa tgtcttctc agccacggtt gtgggtcatg ggtgcagcag tgcaagacct 180
tctcagcca tggcagtggtg tcacaggtgt agcagtacaa tgccttcctt ggctatggcg 240
gtgggtcacg gacgcagctg aatcttgaac acacctgagc ctctgcctcc acgtgacttg 300
gcggtagcaa ggaatgaaca cagttatctt tttaacccaaa attttagatc atgatctcgc 360
tgtactcgtt gacagtattc aggtacttgt tgaagaatta atctctgctc ttctctgaag 420
tctgatttaa tcacccact cagctgccag tgaaattggg ggtcatccat cgcctctcgg 480
atgtggctgg ctgtggctct tctgaaaagt ttctttcttc tgccttggtt ccatatttag 540
ggggaatca gcaagattct agagtatgta tgtgggctgg gtgcaagtgg ctcatgccta 600
taatnccagc actctgggag gcttaagcgg gtggatcacc cnangccngg aatttggaga 660
acagtgtggg gcaacatant gagaccttgt ctnttccaaa ttaaataant taattnnncn 720
gggaaannnn nnnnnngnnn ntntnnnnnn nnnnnnnnnn ntntnnnnnn nnannnnnnn 780
nnnnnnntna nntanaact 799

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```

<210> 4070
<211> 785
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

```

```

<400> 4070
ggnnnttttaa tcagctcttg ttttntgca ggatcccatc gattcgaatt cggcacgagg 60
atatgcttta gaattaaggt gagtggtatt atctctagtt tgagacaaag agaagcgaag 120
taacaaaagg ccacataagt gataaatagt ggacctggag tttaaacctg ggatccccac 180
ctaaatcaga aatacaaaat caaccacttt tttgatgatc cagggtctat gtatatttat 240
tacatgtatg tatatatgta tatatatatg catgtgtata tatgtacata catacatata 300
gatgtgcttg tactagtgtt tttccacca gatagttagc ctttcttctc cccttgctca 360
cttttttttt tttttttttg agatgaagtc tcaactctgt cccccaggct agagtggaat 420
ggcacgatct cggctcactg taacctccgc ctctggggtt caagtgattc tctgcctca 480
gcctcccgag tagctgggat tacaggtaac tgccaccacg cctggctaata ttttgtattt 540
tcaatagaga cagggtttca ccatgttggc caggatggtc ttgaactcct gcctcagggg 600
gatccaccgc cctcggnctc ccaaagtgtc gggattacag gcatgancca ctgnaccac 660
ccaaggggna aaacttttat ttagaaaaaa cttaactttc actcgttaga aaaacngtt 720
ttgaataatc taatttttaa aaatgcatta actatgtctt atnttggtcn acacatttta 780
attgn 785

```

```

<210> 4071
<211> 792
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G

```

```

<400> 4071
ttnaaccagc tcttgtcttt gcggatccct cgattcgaat tcggcacgag gaggaagtga 60
gattgtgcat gacatacttc tcttttgtat tctctcagtg ccttacagca gggtactcca 120
ttctgctatg acaacttggt tcaaagtgtta atttacatag gattttttat aagccattaa 180
ggcatatgta tagtatatca gtaaagatgg atgggtgcata tataaatagt cttctgtaat 240

```

agtgattgga tttacttctc	atgaga gacaaaaatt atccccctcac	tctctat	300
tctttcaaca ggttgatccc	catgat ttttcattag gtggttcagg	tttccat	360
attacagcgc ttcagactgt	atatgttagt ttaaaaatca cttttctctc	tctcaacttc	420
tttctttttt ttttgaagac	ttaattttaa aaatttgggt	tgttagatcc gtatcataga	480
tttggcctag cctcttctgt	taacctagtc cacagatgag	cgaatctggt tagttgaagg	540
acattgtgat ttgactctgg	tcacgcgagg aagtagaagg	gcaaagacag gaccggcagt	600
ttacatttcc agtggttaaa	cctcacggga ctttgggacc	tgcttggtaa ctttttgggg	660
gtggtctgga ggccaatcta	acctggacca ttttctggnc	ccctcaacaa gagagaggga	720
aagcaacctt gggccaatga	ggagtaaaaa taaccttggt	ctttcagaga tttgaagaat	780
agaagaactt ct			792

<210> 4072  
 <211> 802  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(802)  
 <223> n = A,T,C or G

<400> 4072						60
tgtnatctat gctggctctc	gttcttttgc aggatccctc	gattcgaatt cggcacgagc				120
acacttggag ctcatacaaa	ctttttccca ggctattgtc	tgttcttcaa gccattcac				180
ctcccctaaa aatcatgtat	tcttcctcaa aaattgncta	ttatcttcca cttccctttc				240
ccccatgaaa agtggtgagg	cttattctga gccaatatga	gtgaecatgg cctgagaacc				300
caatatgagt gaccatggcc	tgagaacctat ctcaagagct	ccttcaacag ttgtgactga				360
gcttgtcang ttgcagtttg	gttttatata ttctagggag	acaggaatta taggtaaaat				420
cataaatcta tatntagaan	gtntacattg gttcagccta	aaggggtggg atatcttgaa				480
ggcanggttg aggggatgct	tacagatcat angnnaattc	aaagattttc tgattggcag				540
ttggntgaaa gagttaagtt	ttgtctaaan acttgaagtc	antagaaaca aaaatgcttg				600
agtaaagata aggggggtng	cgagggccaa ngtttttggg	atgttnnatga agcttcatag				660
atcacagnct tnngagagna	tagaagataa atgtctcttt	tcagacttta aaaggttcag				720
actctcaggt taatctcttc	tagatccang aaaagcctcc	aaaagaaaag gcctgactcc				780
cattaatggg ggattcttnt	tacaanaatg caaaatttnc	ccccacaaaa nnatggcttt				802
tnccagaacc ccatttcaaa	at					

<210> 4073  
 <211> 887  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(887)  
 <223> n = A,T,C or G

<400> 4073						60
ntntatnnag ctcttntctt	tttgcaggat cccatcgatt	cgaattcggc acgagactgg				120
ttaaatagcc cttgatgact	tttcatgtgg catgagaggg	atatgcttat aaagcttaat				180
tctgatatta tctcttact	acctacagta tgttttgcaa	aatcagtcct acttagcaaa				240
ctaactcttg taaagcagtc	agtttcagaa gatacttttt	atcaaaaaag atggcagggt				300
taacattata ccttttgggt	tttgcccaac atttgattta	atctaaagca agaataataa				360
ataattttta gaagcatata	atctcttttg ataaaaagta	acaaaaattt aatgcagatc				420
aaagaccaag gcttgtaacc	aaaacaagca aaaagaaact	ttagctgttt aactatcacc				480
tctctaattt aaaatgcag	aaaattaata ctttgttttt	gttttttttt ggaaacagtc				540
tcactctgtc acccaggctg	gaggtcgcag tgagctgaga	tcctgccact gactccaacc				



tgggggtaac	agagcgagac	tctttca	aaaaaaaaa	aaaggtgtna	gaaatg	600
gaaaatctan	ggtaaaggga	tttnaaa	aatgttggtta	ttttttttcc	gnaaata	660
aaaccttttt	attggaattt	aaatggncct	ttgggnaaaa	aaggaacntc	caccattgga	720
aaaaagggng	ggcctttttt	tatttntttt	tggggtaggg	ggaatnaaaa	aacccccctt	780
tgggccccnt	tttnaaatan	ccccttngn	cccaaaat	ggaaaagccc	aatttttttt	840
ttaaaatgga	anggggttta	ccctgggnaa	atttgggttt	taaaann		887

<210> 4074  
 <211> 851  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(851)  
 <223> n = A,T,C or G

ggnnnnnnncg	nnnatattaga	ccagctcttg	ttnttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	agtatttgct	ggtgcattgg	agagtttcac	gtaattcttg	tgcagattca	120
gcaagagagt	ttgccggcat	gctttgcaca	gccccgtgta	cccagtaagg	cgattattag	180
cattgggtgct	tgctggaatc	agatattcca	gaatattctg	tcacagctca	tcgntgccct	240
cttcttttct	gtgggtaaac	tgaggcagaa	actcaggctg	ggtggaactc	tgcagcctca	300
gctggagacc	tcgtctggcc	aaggactgtg	gggacacagg	ccctntaggc	tgccacctca	360
tggtcccagc	atgagggcac	cagaactgca	cagaaagtct	cactacccaa	gtgtctgagc	420
caggccagac	tgtgctagcc	agacctgccc	gggggttcatt	cactgacctt	tattgagcac	480
ctactgtatg	cccagcccca	aacctggctc	tgctcatgga	aaagaacttc	agtggaaaca	540
ggtcctggga	tgaacaangg	cctggcctgg	cctgggtgatg	ccactatttc	tttaaagagg	600
gagagtggac	aattcccgga	tttattgtca	ggggggaggt	cttcattttc	ttgctggtnn	660
taaccanaaa	taccacaag	acttggggtc	nttttttagaa	aaccatttag	aaaactngan	720
ttttcgtacc	ttgtttctag	aaggggttggg	gaaagtcccc	nngaatacaag	ggtggccnag	780
ccagggntnt	gggttgcct	gngagggggcc	cactanattt	gggnttccaa	agaanggggc	840
ccctccttt	t					851

<210> 4075  
 <211> 836  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(836)  
 <223> n = A,T,C or G

tatncnagct	ctcgttcttt	tgcaggatcc	catcgattcg	tcttgactga	ggttcccatc	60
tttcttantt	ctcttaagga	tgtgctattc	tattctagat	gcataggagg	gaagntaatc	120
cagncttaga	tcancagggc	tgngttcttt	ctcagaacca	taccnnaaaa	agcctnanta	180
gaatttttagg	aaagtcttat	ttagaaagaa	actaagaatt	atgattaagt	tttggcctaa	240
gcaacttaat	angcagnngt	atcattttatt	gngaagcaaa	tnacataaga	agcangttnt	300
ggggcttggg	aggaggtaag	ggcngaaagt	tnngntattnt	tttttaaach	tgtntaatnt	360
gagacacctg	ctagatatcc	tantnaaatg	tcatagacac	ntnaatggtn	cacaactttg	420
aaactcagag	agaggtcann	gctggatata	aacagntggg	agtcaancnt	attttatatt	480
atthaaatcc	anaagactgg	atacggcaag	ttnggagggg	gtttcaatgg	anaancaaaa	540
tttttgactc	tgnggcactt	aaacatttaa	agntctgata	aataggagag	ggccancaa	600
agggaaat	gaaagaacca	atcattttacg	gtanggagga	aaaaacttag	aaggggggata	660
aatatcttca	aaaaatcaaa	aaaattaatt	ggcntttttc	aaagaaaaat	nnaggnggnt	720

tanccccctg tggtttaaag gggttaa agtattcacc ttggaanaaa ggttcaa  
 angggcacaag aaggccaan agggccct ttttttaaag naaactttt tccn

780  
 836

<210> 4076  
 <211> 852  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(852)  
 <223> n = A,T,C or G

<400> 4076  
 nnnntntnn antacacgct ctngttcttt ttgcaggatc ccatcgattc gaattcggca 60  
 cgagcnaagc tgttttatan attanggaga ngagtgagga gagaggaata ggatagacna 120  
 aggtngagat agggancact ggagaagaan acctcanagt gaggcacagg aagaggtgtg 180  
 aangggaaaa gaagtggcan atgtnacgga agagcccctg nccatgagag anantggngg 240  
 gantggnaag gaagggaagt tatggggcat gggncacata gcacacaaca cnacagtaag 300  
 gctagagata tnaaanaaac aatgattctg agctncataa gtagcnatct cncgcttaat 360  
 agacataggg ngtanctgtg acatggcgtn anctacagna ctggacatna tcaccctttt 420  
 ntagggaagg agggatgcct gcagnggcct aactccanca ngttatcatg tgctatggaa 480  
 gtnctgnnca caatggnggc cncantcat gtgtccaacn ttaaataagn ctgtcgtngc 540  
 tnaggacctt nntgnaatc ttaatttcat tttaaaatnt aaatnttccg naatggangc 600  
 tcaaggctng cttctttttt ggaaagtgtc ngaactgaat tgaaaccggn ttnnaaaaaa 660  
 aggattagta ncccctggtn tttccccttg tncgggggca ttaaagtntc tttaanccct 720  
 gggaccntc cccggtnggg ncccnttnna aaacncccaa aatcccattg gccccattg 780  
 natTTTTTaa aaacaatttt tnaangntag naantntttt gaaaaaaaat tgggaatttg 840  
 gggggncccn nt 852

<210> 4077  
 <211> 897  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(897)  
 <223> n = A,T,C or G

<400> 4077  
 cgnnnnnnnn tnnnanggct ttgccactaa ctgaaaccct ttgnacccan cganncgaat 60  
 tgggcacgag gttgaaggta tgtgtcantt ttaaccaggt gttgagttat ttgatntttc 120  
 ctncanagat tatttaatat tttcaataat atctaattgat gtgtgggaaa ccgtaaaatt 180  
 tttcatacaa actgggacaa atgaacatgc atactattaa aanactncct acaatacggc 240  
 ataaaanggg ctttcttagg ngaaccagga ggtatagnca gcctaattcat nngctatgan 300  
 tattagtnat ggnaggctgt gttttatcac tcatatatgg aaatcttttt tgaatgacta 360  
 ctctggaaat gacgactgaa tctcactatg tgtacacacn tnatcanagg aactttaatt 420  
 gnattnanna anatannttt gaacttacct tnggttagag ggncagagag gttcatnatc 480  
 canaaaaatt atnatgtggg gctttnttcc tttgggaaan tgaccgntca cacnncaggg 540  
 catgtgtttc ttctnatacc ttcaccccan ggggcncttt ctcttttnana aaaannnggn 600  
 gncatgaaan ntntatnatt cttnccectn cccnagtnen ttgntnttgc ttaaggnttc 660  
 nncennantg ncaaggtnna naaanngaaa aaaagaatnn tgggnaaagg caattntcac 720  
 aaactnttaa aaagccgggn atcntttgnt ntngggtaaa nctccccnnn cctantttta 780  
 anantntnnn cncctccggg gggggatatt nnnngggcnn ntntaanncn nnnnnanann 840  
 nnaagnatn ggnggngccc aannccaacg anntntttnt aaaaanagngt aaaagcn 897

<210> 4078  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

```

<400> 4078
ngnnnnnttg gatancagct acnggtnaat ttacttcctg caacgncccg aatncggcac      60
gaggttaggt tggacacaga aggggcaatc aaatttctgt attcagatac cttttaaagg      120
tacctgtgc caccttgctg cctttgattg caaatacaaa gttaattttc aaaaaggaaa      180
aacaaaacag ctctttttcc taaaacacat gttgtacttc agacctaaaa ttctaagtct      240
tatttgtttc tcacccatga gttagattta ggtaatagta ttagtagagt ccttagagaa      300
tcttaagagg tcatttactc cacctctttc atttttaaatt ggggtatcca aagcctgaag      360
aggtggcctg gccaatattg accaagggtat aactaaatat gagctagcat cttcttcctt      420
cttctcgcta tcccttggct ttaaaagatt tagtacatga agaataatgc attagcaaaa      480
agctcctagt ttgtgtttcc cctttgtgtc tccctgttgg ctttctgaga caacctgaat      540
tttgccaaca aaatatcgca gagggattta tattaattat tttttagtta gatgaatatt      600
atattcttcc catccaaagt gagtgatttg ctaggtttgg ttagggaggg aaaaagcaag      660
aataatgtga gaagaatcta aatgcgaagt tgattttgtg tggnaaactg gttattagtt      720
ccatcaggaa tttctgnttt tattttttga gctattgaga agtgcattgca gatttgaaaa      780
attagg                                           786
  
```

<210> 4079  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(800)  
 <223> n = A,T,C or G

```

<400> 4079
ggnnnnntnn nnnnntnta tnnnagctac ttgttctttt tgcagggatc ccatcgattc      60
gaattcggca cgagggcagc agcagcagca gcagcagtg tggaaacgagg aggtggagaa      120
ttgagagcac gatgcataca cagggtgtttc tgagtagtaa ttagatcgct gtgaaggaaa      180
aagcacacct ttgagttttc acctgtgaac actatagcgc tgagagagac agtctgaaag      240
cagaggaaga catcgatcag taacaccaag agacaccaaa gttgaaagtt ttgttttctt      300
tccctctgtt ttatttttcc cccgtgtgtc cctactatgg tcagaaagcc tgttgtgtcc      360
accatctcca aaggagggtta cctgcaggga aatgttaacg ggaggctgcc ttccctgggc      420
aacaaggagc cacctgggca ggagaaagtg cagctgaaga ggaaagtcac tttactgagg      480
ggagtctcca ttatcattgg caccatcatt ggagcaggaa tcttcatctc tcctaagggc      540
gtgctccaaa acacgggcag cgtgggcattg tcttttgacc atctggacgg tgtgtggggg      600
cctgtcacta tttggagctt tgtcttatgc tgaattggga acaactataa agaaatctgg      660
aggtcattac acatatatct tgggaagtct tttggtccat taccagcttt ttgtaccaat      720
ctngggtggn actnctcata atacgccctg cagctactgn tgngatatnc ctggcatttg      780
gaaccctacc atttttggaa                                           800
  
```

<210> 4080  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

```

<400> 4080
tnnnnnntttt anancagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagcttgctt gaaatacaga atgtccagat ctactgagtc agaatttaca ttttcaaaag      120
cttcctacgt gactcatgca tattaaagtt tgggaagcac tgacttagat taccttttga      180
gaattccaga tgggtcagaa accagacaga aatactcagt agtgagaagc tatgggtgat      240
cagaagctgt taggcatttc atggtttggg agtgagcaag acagatagtt ttcctgtatt      300
cagcgactta gtctagagag agacaggatg gaattaagtg tttagggtgt agccaaaagt      360
aaagattcgt agaaaacaag ggttcatatc ccagtcataa aagtgataaa ttttccttgc      420
ttaacattta gattaaagg taataattag gccagggtgt gtggctcaca cctgtaatcc      480
cagcactttt ggaggctgag gtggacagat cacttgagct caggaattcg agaccagcct      540
gggcaacatg gtgaaacccc atctntacaa aaaataccaa agtcnngcac gggttggtgt      600
gtgtgctgtt ggttccagct acaccggang cagangcagg agaatactt gagcctggga      660
ngcaaangtt gcaatgagcc aanattgggt ctttggactc tagccctggg cgacanggag      720
tgaaacagtc ttcaaaaaaa aaagcctnta aaactatagt ggtcgttta cgtngatcca      780
gacn

```

<210> 4081  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

```

<400> 4081
nnnnnnntttt atancagctc tngttctttt tgcaggatcc catcgattcg aattcggcac      60
gagcttggat gtatgtttta atatgtatac cttataattc tgcctctagc caaatgctat      120
gtttgcaaaa tgtggcatct gttagttttt attgtctgtg tcttctttgt ttactatacc      180
ttgggtaatt ttgtgttacc aaaaaaaaaa aaaaggaagt gtaatgtcag acacacaaga      240
aaagcaaate agtggtgtaa gcttaaagta caatttcaa ggtcattacc aacagcaggg      300
ttttttttat actttaaaaa cattatgcta catatcattg ccattttcat attttggggt      360
tttgctactc ttatacaatg gaatcaatgg aaatgtcatc cagccactga attgccatta      420
ttatatctaa aaagtttcta agatgacagt tatcactatt ttgttttatc tccatgctga      480
catttgaaag aaggtctagt atccctctag ccagattgct tagtttttcg ttggtaatca      540
aacaacagtt gtactaaagg aaagtaaagc taggacctaa atcagaatca tagttgcctg      600
catatatggt aacaaggncg tgtgcatttg ctttcacagt gatgagtgag aggatgagaa      660
naaattatth gacatttttc ttgtgggtga atagaanaca ctttctttt gtcttttaggg      720
ttangngnga gatactaaaa aaacctggga tgtttatcct atcttaaatt ngggtgggag      780
taataaaaaa

```

<210> 4082  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

```

<400> 4082
ntatnctggc tactngttct tgcagga tcccatcgat tcgaattcgg gaggttg 60
gttgtcaact ttgcattata ccacccactt gtaatatctc tgccttgaag aggaaaaacc 120
aggaacattt cctagaatcc cttcccgtt atgatcccaa gttaggatat gccagtgaga 180
ggtgctgttt tagtcccttt tgctgctgt gacaaaatga cacagactgg gtagcttata 240
aacaacagaa atttatttcc cacacttctg gaggtcgga agtccaagat cagggtattg 300
gtagattctg tgtctgggtga gggctcattt tctgattcat cgatggcacc ttctcagggg 360
tcctcacatg cggaattgat aacgcagatc tctgggatct cttttataag ggcactaatc 420
ccattcatga gggttctgcc ttcataatct aaccacctat caaaggcccc atttctagta 480
ccgttacctt aggggttagg atttcaacat gacctctggg gagatacatt cagcccatag 540
cagggtactca caatagaata agaaggcaaa gcaagggaagc ttttattctc aggatgtggg 600
aaagcatcac ccacttctcc agtaagtgtt gngcgttttc aatttctcaa tttcttcacc 660
agcttccact tttgcagttg tgtcagccaa tcaacgacag ctttccaaaa ntccgtgca 720
agtgcctgct tttganggca aaggngnca taaaatngga agcttcttca ggctccttcc 780
acaatctn

```

```

<210> 4083
<211> 889
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(889)
<223> n = A,T,C or G

```

```

<400> 4083
ggnnnnnnnan ngnnntttta atncttgcta ctcgttctnt ntgcaggatc ccatcgattc 60
gaattcggca cgaggaggaa gcatatacca cagaacattg gctggtcagg atatacaagg 120
taaaggacct ggataatcga ggcttgtcaa ggacataaat gtnacgtcca gctctnatat 180
gcttcgcact gagcacatca catttaggac gttgaagatt tttttttttt ttttaatatg 240
cannttgtaa gaacaaaact ggatggcatc anaattgnct ggaagttttg tcttgggcca 300
aatgaaatga tttttataat tctaaacagg ttaccaaattg aaatgtcatg gctttacttt 360
ggtcaattaa aggggggaat tttttttaaa aaantgaaat gctnacactt atntctgnaa 420
antatatnga aaatgnatac cntggngcct attgangntt ttggnggggc antttcnnt 480
taccnncn ccaantnga aacttnttn nttttggnc atccccccc ttttgcnnng 540
gcnnttaant nacaanttg ctttttttcc cntnaangtn tgggaaaaaa nactttntcc 600
ttnttntttt aaccctttt cncctcngng gtttcttgnt taaaaanntt cctntnttaa 660
aaatagncaa ctctttntt ttnttttnaa ngggntacca naaaaaaaa aatagggggg 720
ggtttntaaa anatgggatt ggcccnncn acngggaacc caattgggnt cccttnaat 780
aaaacctttt ttttnccaan atnaangggg gcctttttcg cntcnantnn ngcggttan 840
aaaaggggcn ntancccggt gtttcttttn gggnaaatcg cancccttc 889

```

```

<210> 4084
<211> 828
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = A,T,C or G

```

```

<400> 4084
ntgnnttttt attcagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gagagggggc gggcccgtag gccgattcca tatggcgcc ggcgcgagc gccgcggggc 120
agcgcggggt cgccatggct gagctgcanc agctccgggt gcaggaggcg gtggagtcca 180

```

tggtgaagag	tctggaaaga	acatcc	ggaagatgca	gggtctcatg	gggtgca	240
gcgccagctg	ttgtgaggac	caggcct	ccatgaagca	gggtgcaccag	atcgagc	300
gctgccatgt	gcctctggct	caagcccagg	ctttggtcac	cagtgaagctg	gagaagttcc	360
aggaccgcct	ggcccgggtg	acatgcatt	gcaacgacaa	agccaaagat	tcaatagatg	420
ctgggagtaa	ggagcttcag	gtgaagcaca	gctggacagt	tgtgtgacca	agtgtgtgga	480
tgaccacatg	cacctcatcc	caactatgac	caanaagatg	aaggaggctc	tcttatcaat	540
tggaaaataa	aagtttttgc	cagtggccat	caagggcctg	agggcaagaa	tatatatttt	600
attagggaaa	aaaaaaaaaa	agcctnttng	aacttttagt	gagttcgtat	tacgtanaat	660
nccagacatt	gataaggata	catttgattg	aggtttggga	ccaaaccaca	accttggaat	720
tgccagnngg	aaaaaaaaatg	cttttttttt	gtgnaaaatt	tgnggaatgg	ctatttgggg	780
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<210> 4085

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4085

nnnnnnnttta	nancagctct	tgtctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
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aatcatcttc	cttgaatatt	aattctctgt	tgcttcctcc	aaaaatggag	aaaataatcc	180
ctaccctcat	aggcttatta	taaggctcaa	ttatgataat	gggtgtgaaa	ctttgaaaat	240
tagacttcag	agaaattgag	ttaatctggg	attattttatc	aatgtcttag	taaccaaag	300
tttaaaatgt	gttttgtcta	ccaactgggt	gcatgtacat	ggttaatcca	aaaggctcag	360
cttttcagca	aatggaaaaa	gattaacttc	tttatggatc	acattatgag	atgaaacaca	420
tttcattcta	gctgctgaaa	aaatagcaac	atgtttttga	aaccattgtg	attttgtatt	480
gcagtcacta	aaacatcaaa	tatatcattt	ttatgttaaa	gtgcccta	ttgtgtgtgt	540
acataaaact	tggagtacct	tggccaaata	gaagaaatta	atgtgccg	tgtctgtttt	600
aaaagaatga	aatctgagcc	cagtgtgang	ctcatgcctg	taatcccacc	cctttggggag	660
gcttgaggca	nggaaaaatg	cttgagtnca	ngagttggag	accancccg	ccacatangg	720
agaccttttc	tnttccaaaa	aattaaaaaa	ttgnccgnca	tggggggccc	atgccgtgta	780
ggncccnct						789

<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4086

gnnnnnnttcn	aatactgntc	ttgttctttt	gcaggaccca	tcgattcgaa	ttcggcacga	60
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ttatctccag	ttggttgaat	ccattgatgc	agaaaccacg	gatacggaga	gctgactctg	180
tgtgtgtgtg	tgtatactca	ccaattcttt	atattattca	caaataattta	ttgaatttct	240
actatgtgtg	aagcatagtt	cacgatcctg	gggatatagt	agacaagctc	cttgcccttat	300
tgagctcaca	ttcttatggg	gaagggcagg	ttcagggcct	tctcagatct	ttgctgggca	360
tgcacacagc	cctgtgcata	tgctgctttg	tggattccca	caatgagctg	aagcttttca	420
aagctcctag	ggacgtacca	ttctctggct	tttccttttg	agcttttaggt	tagccttttg	480

tttgccttaa	tatcaccac	●	caggca	ggaatgaagt	caaacaattg	●	gaaata	540
ttttcaataa	atgcctctgg	●	aaagggt	ttttatTTTT	ttagccctgg	●	agatcct	600
ggttagggtta	aataaangca		gccttgcaag	tgggggcttt	ccnggaagca		ccagacagac	660
aaataactac	agtccatgag		aatgaacttt	gaagggtctt	naccccatte		tgctttatta	720
agggntggca	ngntcctggg		ggtcancaag	atgggggact	ggttggcttt		caagn	775

<210> 4087  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

<400> 4087							
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gggccagcgg	atcgctgcga	gtggccttga	aggcagctgc	tcgaggtgaa	gagtaggcgg		120
cggggcagag	agcggcctcc	gagggtcacc	tgaatggttg	agcatggacc	ctgttgctac		180
ccacagctgc	catctgctcc	agcaactgca	tgagcagcga	atccaaggcc	tgctttgtga		240
ctgtatgttg	gtggtaaaag	gagtcctgctt	taaagcgcac	aagaatgtcc	tggcagcatt		300
cagccagtat	tttaggtggg	tatttttagac	ttcattctcc	tagctgtgaa	ttaagggtaa		360
agctctttta	gtatggaagt	attcatatTT	tgttctcctt	ggatttcact	atctttatct		420
tttatagcac	attggatttt	gtaggagttg	ttttaatttt	taagtttggt	aaccattttt		480
attatttttg	cttttgngtt	tagagtaacc	tgaaaagaaa	agaggctctt	aagtaaaatg		540
aatttgggat	gactgaaagt	attttgggtg	nttggtcttc	attttactaa	ttctggctaa		600
tgctannctt	ctacatatat	ttcttatcct	ttcaagaaaa	aatgatgggg	gaattaaatt		660
nccngtcana	aattttnttg	tgataanaaa	tcaggggaaa	aacatatttg	ggggtggant		720
tctttntttt	tttcttaant	aaannnttta	nttttggnn	tnattnnaaa			770

<210> 4088  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 4088							
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aatatgacaa	acctcaacta	tgggagttgt	ccacaatata	aaattttgaa	aaaacattac		120
atagtataaa	tatcatactt	ggttgttagg	cttggtgctt	ccccacatca	gaggcatcta		180
atgattttatc	ttttgtaatt	gctgtgaact	tttttaaaata	agccatttag	tgtgaaattg		240
tcagtatatca	aatggctatt	ggaaatggac	tttactcaat	tttaattcca	ctgtaaataa		300
ggacggagtc	attcctacaa	ggctctcttc	agagaaatag	attaaaagtc	caatttccag		360
gtattatttag	tatagttatg	ccgctggggc	acatcctcaa	caacagctga	tccctcttgt		420
ataaatatgt	taactgtgca	gaacagttat	gttatgggac	aaatataatg	gtcattatgg		480
tcagattgggt	tgatgccaca	ccagtcaagg	tagagtctga	tagggcagta	tcttaataac		540
cctcccatga	cttaactgtt	ggatttgaaa	ggaaaacgta	ggatttgctc	ttgnccctt		600
ccccacaaa	attttgataa	tttgtttaaa	aagggagang	cngaggaaaa	gactngaacc		660
ttaaatngct	gctttanggt	ttgccagang	cccatactta	acattagttc	ttaaaattcg		720
anggtatttt	actaatgnaa	ttaatcaaca	gagcccnag	gantttttta	tggg		774

<210> 4089

<211> 844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(844)  
 <223> n = A,T,C or G

<400> 4089  
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 ttgttttaaa gataattgct agatttatgt ttttagctttc cataaaatgt aataacataa 120  
 aataaaatat aaataaaata tgaaataaaa taaaagccat ggggaaaagg tagggtttga 180  
 ttgctaataa gaaatttctt ggaaaagaga ctactctctt tttggttttc caaagtccac 240  
 attttataac attttttagtg cttgggtgtt gcttgtggta ttacattaga taaaaatgta 300  
 tcacagtgtt ggtttatact ggatgtttta ataggattca ttgaaagggg tgtgttttct 360  
 ttctgaggaa tacttactca gcattttctt cagaaagtta cttgctgcta atcctttatg 420  
 gaggtcttag gggaacatca ttttcttgcc ttttccagct tctacaggct gtccacatcc 480  
 tcagctagtg gccccttttc atcctttttt ttttcttgga attatgagat tttttgtact 540  
 ttgagttctg ggatacatgt gcagaacgtg cagggtttgct acataggtat acaagtgcc 600  
 tgggtggttg ctgtacccat caacctgtca tctacattag gtatttctcc taatgctatc 660  
 ccacccttag ccccttacc cctnacagtc cccgggtgtg tgttccctc ctgtgtccat 720  
 gtgtgctcat tgggtcaactn ccacttatga ntgagaacat gcannnggtg ggntttctgg 780  
 tctgngtga agttgctgan aatgatggnt tccagcttta ttcattgtct gcaaaggaca 840  
 tgaa 844

<210> 4090  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 4090  
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 ntgcgntncg aattcggcac gaggccaaat gccggaattt aaaacctggc ttntaaaaag 120  
 aatgattttg aacaaggcga attatatttg agagaaaagt ttgaaaattc aattgaatcc 180  
 ctaagattat ttaaaaatga tcctttgttc ttcaaacctg gtagtcagtt tttgtattca 240  
 acttttggct ataccctact ggcagccata gtagagagag cttcaggatg taaatatttg 300  
 gactatatgc agaaaatatt ccatgacttg gatatgctga cgactgtgca ggaagaaaac 360  
 gagccagtga tttaacaatag agcaagattt tatgtttaca ataaaaagaa acgtcttgtc 420  
 aacacacctt acgtggataa ctcctataaa tgggctgggt gtggatttct gtctacagt 480  
 ggtgaccttc tgaaatttgg gaatgtaatg ctttatgggt accaagttgg gctgtttaag 540  
 aactcaaagtg aaaatctttt acctggatac ctcaaaccag aaacaatggg tatgatgtgg 600  
 accccagtc ctaacacaga gatgtcttgg gataaagagg gtaaatatgc caatggcgtg 660  
 ggggtgttgg gaaaagaaca aacgtatggg tccgtgtaga aagcaacggc attatgcttc 720  
 acatactgga ngggcantgg gtgccagtag tgtcctctgg tctcctgaa aantgg 776

<210> 4091  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

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<400> 4091
ngtttttaaan atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
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gtaaaacaga aatgataacc ttactattaa ttgtgtgacc ttggacaagt tacaacatct      180
ccctgggcgc gattgtccca tctgaaggtc ataatagcac ctgccacaga ggatggtagt      240
aaggattaaa ttagttaatc catgtaaatt acctaggtaa gtgcctgcc aatagcaagt      300
gcttggtact tttttttaa aatcactggg atgactattg cagacacct tgccatgatt      360
ggaatagctg gaatccaaac tcaagccttc catttccagg gttctggctg gtgtggggct      420
gacagacctg gatggggatt cccagctctg cctctcttca gctgagcaag tcaactggaac      480
ctctctgagc tgcattctgt tcagctgtaa aataatagtt tgtactttgc aggggtgttg      540
taaggcaatg gtctccagcc tttttggcac cagggaccag ttttggggga agaaaatttt      600
tncatggaca gggntgctna aggggatgtt ttnaagctcc catgaggatt taatgcggcc      660
ggccccggng gcttaccctt gtaatccaa nacttttgga agcccaagt ngccggatcc      720
ccaggtcagg gaaacgagac cntcctggta acatggggaa ac                          762

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<210> 4092  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

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<400> 4092
ngtcatttgn tngatacagg ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggag gagttaaatt ttgaagctct ttgagaaagg taccttttct taacatgttt      120
taaaaataaaa aatacaatgg cttattttaa atgtccctat gcatggtgaa atgttaaata      180
ccaagtggat gaatggttct caaatatatt gtaatggaga attattcaca tgcattctatt      240
gtttaaacta ataagtaaaa tagacttctt ttttctgttc tgttttaaat gtgcactaaa      300
attacctgct tgtgggttagc atgggctgga cagtttattg atttttcaga agaatgcttg      360
gctttggggt tttggcaata gggagcctgc agcaaattat ttcatttgac aaaaaagagt      420
tattttaatc ctatttgaat gtatgctatc tcctttaccc tccccatctt atgataaaaag      480
gtctctcttt tttctcttcc aggtttgcag ctaaaactgt gcacagtggg tcattgatgc      540
tagtcacagt ggaactgaag gaaggctcta cagcccactt atcataaaca ctgagaaaac      600
tgtgattggc tctgttctgc tgcgggaact gaacctgtcc tgtctcangg gtaacctgct      660
tacatctgga ctttanaatc tggcacacaa caaaagtgcc tggcatcact actgntgcct      720
ttcatttata ataatagccc ttcctcttgc agtgggggta ga                          762

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<210> 4093  
 <211> 795  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(795)  
 <223> n = A,T,C or G

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<400> 4093
ggnnnnnnngt ctttcaaant ctaggctact ngttctttnt gcaggatccc atcgattcgc      60
tcaagtncca ncacaccggc gccgtcctgg actgngcctt ctacgatcca acgcatgcct      120

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gnagtggagg	actagatcat	ctganaa	tgcttgatnt	gaacactgnt	aaaaatn	180
tngtngggac	acatgatgcc	ctntnanat	gtgnngnata	ctgtccaaan	aatntna	240
tggtcncctgg	natntngnnt	cagncnnata	aactgcngga	tcnnncanct	tctngnaatn	300
cnnggaccnn	nnctnngccn	gaatangtgt	ataccntctc	nangtcttgg	agaccgncng	360
gttggtggnna	cngcaagnct	gccnnngntt	actnccatnt	tangccaaca	tggttatncc	420
antcttggtg	gngatanacc	atcctgcctt	accngacttg	atnggttcga	gnntnngcaa	480
actnnnnngg	cttggnatta	agctgnttag	aangccaagn	nnattctgan	aatntggacc	540
tgngccttng	ggccataaaa	aagcgnatgn	cnntttctnn	ggccaaacna	tgataacctg	600
attnccatcg	atttcaccct	tganaatggc	ttcanntnta	aactnaatac	ncaantnntt	660
atcntcaang	nggaccgnaa	acgcttngng	aanctttttg	ggggggnncan	tnttgcaaaa	720
cnngaaaangt	gcccatttaa	anccaaactc	gcaattgngc	aanttnantt	caattgcctn	780
gaataattgg	agang					795

<210> 4094  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 4094							
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cacgagacag	agcgagcact	ccagttcaaa	aaaataaata	aaaattaaaa	aataaaaataa		120
aataaaaaaat	ttactaggca	tccagcattc	attaaggaga	ataattcagt	taaggaggaa		180
aagaattctg	ggattctggg	aatttcctta	accaataaag	agtatgtgtg	agaaacctac		240
tgctaacatc	atacttaatg	gtaaaaagtc	aaagatcagc	aaaaagagga	tacctggtct		300
aaacacttcc	actaagcatt	atactggaag	ttctagctag	tgcaataaat	gaaagaatac		360
aaagtatcca	gattggaaag	gaagtaaaat	catctttatt	aacagattat	atgattgtct		420
atataaaaaa	aatctgaagg	tatctacaac	actattagaa	ctaaatgagc	ttagtgaagc		480
tgcaaaaataa	agatcaatat	atataaagca	gatgattttg	catgactagc	catgaacaat		540
ctgaacctta	aaaccttaaa	tgccatttat	acaccatana	caatatgaaa	tncatagtga		600
tgcatctggc	aaaagaagtg	caagatgtat	agtataaaaa	ttaaaacact	ttgggagAAC		660
tttaaaaagc	ctaaatgaga	ttactatgtc	agagactcca	gactcatacc	ataatatgca		720
atcttccacc	tgccctaagat	cagtgaatcc					750

<210> 4095  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 4095							
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cgaattcggc	acgagaggac	attctcctac	atagccgtat	attctcatta	taccagcaa		120
atattcaatc	atattatcta	aggtaactc	cacattcaga	aaaaaaaaatg	ccctttacca		180
tagtttttgt	tttgcttttg	gttttgatca	aagattacag	gtgtgagcca	ccgcaactgg		240
cccactgtgt	tacgatttga	aataaaaagg	aacctgtcaa	gtaccagag	aatatcagaa		300
ctgctgtccg	atctcctgaa	attgaaatta	atttcctcag	tgactcaata	cccactgcca		360
ctcactcaag	ccctgcaagt	tcaagccaaa	tcactcctgc	accacaggaa	tctgatgggt		420
cacgctgctg	cctactgaaa	atggggattt	gggttagtga	taaaataggt	taaaacacat		480

aaaataggta	aactagggta	acagta	agaatgggtg	agaggagaga	gaaact	540
tcanttttagg	aagcataata	cttaaaa	tttcctgaga	ataaatttgn	cttagaca	600
acacanagna	nnntanncn	nnnnnnnn	nnnantnnna	aaaaagcctn	taaactntag	660
gagtcnttta	cgnaatcccn	acntgtnaga	tncttgatga	nttggaacaac	ccacttgaat	720
gcagngaaaa	aatgcttttt	gngaaatngg	agcttttgn			758

<210> 4096  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 4096						60
gnnnnnttttn	aanatacagg	ctacttggtc	tttttgcagg	gatcccatcg	attcgaattc	120
ggcacgagac	gggagctagt	gacggcattt	ctacgatcct	gaagatcctc	gtctccgggg	180
gcggcaagtc	acggacaggt	gtgatgatcc	ccatcccaca	atatcccctc	tattcagctg	240
tcactctctga	gctcgacgcc	atccaggtga	attactacct	ggacgaggag	aactgctggg	300
cgctgaatgt	gaatgagctc	cggcgggcgg	tgcaggaggc	caaagaccac	tgtgatccta	360
aggtgctctg	cataatcaac	cctgggaacc	ccacaggcca	ggtacaaagc	agaaagtga	420
tagaagatgt	gatccacttt	gcctgggaag	agaactcttt	ctcctggctg	atgaggtgta	480
ccaggacaac	ntgtactctc	cagattgcag	attccactcc	ttcaanaang	tgctgtacna	540
natggggccc	gagtacttca	tcaacgtgga	gctcgccctnc	tttcaacttca	cctncaaagg	600
nctncatggg	ccnatgtggt	tacanacgag	gcttcatnga	ggnaaatcaa	cctgcccctg	660
anatcaaggg	ccanttggtg	aaactgcttt	cggnnctcct	tgtgccccnc	aatatntggt	720
caaggccgcn	ntggacattt	ttngtgaacc	cccttggcc	tgccctnaact	tcaaaacaat	771
tnaaatgntt	ttttttttg	nnncaaatta	naacctnact	tanttttgcc	a	

<210> 4097  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 4097						60
gnttaanncn	tnatacagct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	120
acgaggctgc	tgggcctgga	agtccaggtg	gggccactcg	ctaattctca	tgtgttgctc	180
cggccccctcc	agctgcaggt	gggtgtggag	tttgaggcca	gcacaaggat	gcaggacacc	240
agcgtctcct	tcgggtacca	gctggacctg	cccaaggcca	acctcctctt	caaaggtaaa	300
ggtctcggtt	cccctacgcg	ggaaacaggc	aggaggtgac	tcaactctga	gtggatgtgt	360
gggccaccac	aggtgctgga	ggacagtgtg	ctgccaccct	gtgggcctcc	acattaccgg	420
ggaacacttg	ttaaaaggta	ggtggggccg	ggtgcggttg	ctcacgcctg	taatcccagc	480
actttgggag	gccaaaggcg	gccgaggtaa	ggagattgag	accatcctgg	ctaacacggt	540
gaaactccgt	ctctactaaa	aatacaaaaa	caaaattagc	cnggtgtggt	tgccggtgcc	600
tatagtccaa	ctactgagct	naagcnggaa	aatggtatga	acccaggaag	cggacttgcg	660
gtgaacccag	atcgtgccac	cgacttcaac	ctgggcgaca	gacaagaatt	catttnaaaa	720
aaaaaaaaag	tagtggacaa	ccctntacta	tgtttatctt	gggaaaaaaa	agtnngtnna	757
acggncaagc	cttgtgaata	accctgtaat	nccaacn			

<210> 4098

<211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

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<400> 4098
gntttananc agctnntagc tacttgttct ttttgcagga tccctcgatt cgcaaggatg      60
ggcgcatccg agaaggagac cgcattatcc agattaatgg gatagagggtg cagaaccgtg      120
aagaggctgt ggctcttcta accagtgaag aaaataaaaa cttttcattg ctgattgcaa      180
ggcctgaact ccagctggat gagggctgga tggatgatga caggaacgac tttctggtgt      240
tggatgtcaa tgatgatttt tctgaggaag taaccaaaca agaagacctc atgagagagg      300
taaacacctt tgtaaagaat ctgtaaccaa taccatgatg ttcaggctgt gatctgggct      360
ccctgacttt ctgaagctag aaaaatgtng tgtctnccaa ccacctttcc atccccagcc      420
cctctcatcc ctggagcact ctgccgctca agagctgggt tgtaattat ngtttagactt      480
tgccattggt ttcttttgtc ctgaagcatt ttgaaaataa agttacttaa gttaaaaaaa      540
accaaanaaa nactcgagcc tctanaacta tagtgagtcn attacgtnga tccaganttg      600
atnagaaaca ttggttagtt nggnaaccac aacttgaatg ccncggaaaa aangccttat      660
ttggtaaaat tgtgangcna ttggtttatt cgtaaccttt ttaaccggcn ttnacaagtt      720
aaccacnacc attgctttna ttttatgggt tagggtcncg gg                          762
```

<210> 4099  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(818)  
 <223> n = A,T,C or G

```
<400> 4099
tgnnnmnttn anaancagct cttgttttnn agcangatcc ctcgattcga attcggcacg      60
agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg      120
agtctctgat ggggagcagt attgcatggt ggttgagaac tgaggctctg atgttagaac      180
tggattctga cttaaccacac tgtttgccca catcttgagc cttggtttcc ctatctgtaa      240
aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg      300
cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagttag      360
agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg      420
ggcatggttg tgcacccttg tagtctcagc tacttgggag acagaancag gagaattggt      480
tgaacttgga aggtggagggt tgcantgagc tgagatcgca ccaactgnact ccatcctggg      540
cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaa      600
aaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat cccagacatg      660
ataaaaatac catttgatga agtttgggac caaaccnccn ccttgggaatt gccggtggna      720
aaaaaaaaatg cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa      780
accatttnt taaagcttgc caataaaacc aanatttna                          818
```

<210> 4100  
 <211> 821  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(821)  
 <223> n = A,T,C or G

```

<400> 4100
aanncnggct actngttctt tttgcaggac ccatcgattc gaattcggca cgagatccaa      60
ctgtggcttc tcccaggacc attacacttg tatctaaata cctacttgac atcttctttt      120
ggatactgaa taaagatctt gaacaaacaa ataaaaacag taggttggtg atgcatgtta      180
ctttgccccaa tagatatatt ctatcagaat gtgatttgta tatataatat gtttacatat      240
taaattttga ttcaattaaa attctccaca ggggagattc tgtggtaagt tctttcgtaa      300
atgaagtaat tattctagtg atttaagttc atgttacttg tactttatgc tttattattg      360
atgtgttatt atgcagtatg cttatttggtg ttttattctt atgttattta ctcttgtttc      420
tgattgatct ttcataagc tcctaatact ctgtccatag aagcacagct ataatgatat      480
ttacatatgt aaggaagact acaaataattt cttctttttga ttcatttttg gtgattatct      540
ccttggcaga cataaaagac tgatgtgggt tggctgtgtc cccacccaaa tcttgaattg      600
tagctcctct aattctcacg tgcacatggg gggaccaggt gggaggtaac tgaatcatgg      660
gggcaggtct ttcccatgct gttctcctga tagtgaataa gtctcacgag atatgatggg      720
ttaggaatgg ggagttcccc tgggcatgct ctctctcttg cctgccacct gtagacgtga      780
ctttgctctt ccttcgtttt tgccaagatt gngaggcct c
                                         821

```

<210> 4101  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(818)  
 <223> n = A,T,C or G

```

<400> 4101
tgnnnnnntt anaancagct cttgtttttn agcangatcc ctcgattcga attcggcacg      60
agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg      120
agtctctgat ggggagcagt attgcatggt ggttgagaac tgaggctctg atgttagaac      180
tggattctga cttaaccac tgtttgccca catcttgagc cttggtttcc ctatctgtaa      240
aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg      300
cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtgtg      360
agatcagcct gaccaacatg gcaaaccctc gcgtccacta aaaatagaaa aaaatagctg      420
ggcatggttg tgcaccctg tagtctcagc tacttgggag acagaancag gagaattggt      480
tgaacttgga aggtggaggt tgcantgagc tgagatcgca ccaactgnact ccatcctggg      540
cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaaa      600
aaaaaaaaac tgcagcctnt aaaactatta ntgagtcgta tnacgtagat cccagacatg      660
ataaaaatac catttgatga agtttgggac caaaccctcn ccttgggaatt gccggtggna      720
aaaaaaaaatg cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa      780
accatttnt taaagcttgc caataaaacc aanattna
                                         818

```

<210> 4102  
 <211> 845  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(845)  
 <223> n = A,T,C or G

```

<400> 4102
gnnnnnnnnn tttntataga tacagctact tgttcttttt gcagggatcc ctcgattcga      60

```

attcggcacg	aggatacatc	tattat	tcatgttata	gtaaatcaga	gccttg	120
agctttctcag	cagccacgta	agcttaaat	atgagggaaac	aggggctctt	agctgaag	180
tgactttctga	aagatgcaca	gagaattagg	aaagagtctg	aattcaaccc	tggaccctg	240
acttttcaggt	gagtgcctgg	ccactaaag	aatgacaaag	ccatggggag	tggcatggaa	300
agcatgagct	ttggagttag	acaggcctgg	gtgtgaatcc	tggtcacccc	agttctgtta	360
aagacctcag	aaaagttacc	tagcttcatt	aagcctgttt	cttcagccaa	aaattaatgg	420
tgttaacgct	tacctctcag	gatgggggtc	acaaataaat	agaacgacat	aaagtacata	480
atacatcaat	cagttaggat	gtatttggtc	acaggcaaaa	gaacagccct	cctcaactgg	540
cttaaccaac	aattaaccta	ttatcttaca	taaaagggag	tctagaagta	gggatgttcc	600
aggtttggct	aatccagcag	ctcaaccatg	tcaacacaga	ccgggttttc	tctgtcttgc	660
ctttttgcca	ttctcagtgc	tttcatgggc	tccctttatg	cttgcaatat	gccagctgca	720
gcttcagaca	tcaactntc	acatacctat	gtccagagca	gaagaaggac	atttctcctt	780
gngcatttct	actggagact	aaattttcct	gcctggcaaa	aaaaaaaaaa	aaaaaactcg	840
nnccn						845

<210> 4103  
 <211> 830  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(830)  
 <223> n = A,T,C or G

<400> 4103						
actacagcta	cttgttcttt	ttgcaggacc	catcgattcg	ccacactgct	gttctcatga	60
tactgagttc	tcacaagtcc	tgtttggttt	ataaggggct	tttccccctt	ttgctcaaca	120
cttcttctctg	ccatcatgtg	aagaaggacg	tgtttggttc	cccttctgcc	acgattgtaa	180
gtttctctgag	gccttcccag	ctatgtggaa	ctgtgagtta	attaaacctc	tttcttttat	240
aaattaccca	gtcatgggca	gtcctttaca	gcagcatgag	aatggactaa	tacactcctc	300
aaatgttttg	aagattgttg	caccttgga	ctaccagtgt	gcacacaatc	tggtcaatg	360
tatatatttg	cccagcaagg	caaagaactg	aagttccagg	atggaagaac	ctgtgttctc	420
ctcataatag	tatagaataa	ttcaagatag	gcaagaagga	cagcagtaaa	tgaagaccat	480
ggaagaaaag	aaggaatgcc	aaagatcgag	gaaatctacc	aagactagta	gggtagtcca	540
gaagaagctg	tttcaggggc	tgttgccagc	tatgcctttg	agaacctcgg	gatcccaaag	600
aatgagggga	atttcttcag	aaagacaatc	tcggcatgca	ttatttcttt	ggtttgaaga	660
ttcactcatg	ttgcatgcat	ctgtagcttg	tgcctttttt	attgcctagt	agtattctgg	720
catatgccta	tcttacaatt	tgattatcta	ttcacctgtt	ggatgaatgt	ttgaattttt	780
tccatttgag	gaatttatga	ataaagctgc	tnttagcatg	aaaaaaaaaa		830

<210> 4104  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(844)  
 <223> n = A,T,C or G

<400> 4104						
nnnnnnnnnn	ttntnaanat	acagctactt	gttctttttg	caggatccca	tcgattcgga	60
gaatcatgac	tgctggctga	agcctgcato	tttgggtaaa	cagggcaatt	aattcccaga	120
gaacaaggac	atcatggata	gttaaggcaa	ccagataggt	gcttatcctc	taggtctcca	180
tccaaaatgg	agtaatgaca	cctactttcg	tgttttaaga	tttaaacgca	gtaacatatg	240
taaagtgcag	agtctgatgt	tcgagtccac	aacgatgtaa	ataatgcaa	accagtggat	300

tactcatgct	taatttatat	cttgga	aatttatctt	cttttcttg	tctctc	360
taaataaggt	aactttttta	tattttct	ttttatatgt	atttattctt	tattttgt	420
gacgggtct	cactctgtca	ccaaggctga	aatgcagtgg	tgcgatctca	gctcactgca	480
acctccactt	tccaggctca	agtaattctc	cagctactca	ggaggctgag	gcaggagaat	540
cgcttgaact	cgggagatgg	aggttgcact	ccgtctggat	catgccactg	caactccagcc	600
tgggtgacaa	agcaagactg	tcttaaagaa	acaaaacaaa	actacaaacc	aatttgtttt	660
aaagcatgtt	ttttctctgg	taaagaacct	tncagtgaag	aacacaggac	ataaatttac	720
tatggtaatt	aagtcgtttt	tatcanatgg	nattattaag	ttggttttat	caagtggmat	780
taaaggattc	atttgtttac	agtattattc	aacacnaatn	ggaggataat	tacaattcct	840
tatt						844

<210> 4105  
 <211> 881  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(881)  
 <223> n = A,T,C or G

gnagngtcnn	ntttctaattg	ctgganactc	gttctttttg	caggacccat	cgattcgaat	60
tcggcacgag	ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tggagcccat	120
tttagaggca	tctgttctat	cttcccatca	taaaaaaagc	tctgaggaac	atgaatacag	180
tgatgaagct	cctcaggaag	atgagggctt	tatgggcatg	tcccctctct	tacaagccca	240
tcatgctatg	gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaaggtc	ggtggcgagt	300
gatccctcat	gatgtactac	cagactgggt	caaggataat	gacttctctt	tgcattggaca	360
ccggcctcct	atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	420
aacaggcaac	atttggtacac	atctcttagg	ttgtgtattc	ttcctgtgcc	tggggatctt	480
ttatatgttt	cgcccaaata	tctcctttgt	ggcccctctg	caagagaagg	tggctcttgg	540
attatttttc	ttaggagcca	ttctctgcct	ttctttntca	tggctcttcc	acacagtcta	600
ctgccactca	naggggggtct	ctcggtcctt	tctctaagta	agtatctgta	aagtnccat	660
ttttggccaa	tgattnanag	gttagtgcnt	taggggaaaa	aacattcncc	canantttgg	720
catgaattct	ttaataatna	ttctaattnc	cnccttnann	ttttnaaaan	aanttttnna	780
cacnaaaccc	cagatttgnc	ttntttaanc	atttnntttn	atttnnann	aganccncca	840
agntataaat	tcggggaana	cnaaaatngg	ttcaattttn	t		881

<210> 4106  
 <211> 831  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(831)  
 <223> n = A,T,C or G

tttnnataca	gctcttggtc	tttttgcagg	gatcccatcg	attcgaaaag	gtgaatgcag	60
aggcctggcc	cagacccag	ccctgtgtgt	caatacaact	tttcacgttg	ttacatacac	120
attttccagt	ctgtgtctcc	ctctgaaaga	aaccctgaaa	ttcaggttgc	taatagattg	180
ttggttgcaa	gtatgaagga	cagaggaggt	aagagaggag	gcaacttgct	aatgcaaaaag	240
cagtgtactg	aaagtcactt	ttattttctta	tttataatct	acatgcacac	tctggataat	300
agatgacact	gctcattcag	tactttaact	tcaaagcaga	gagaagccat	ggatgacaga	360
gccgggagcg	ggaatacaaa	ggtactaaca	acaagaggaa	aaatgcctgt	ttacgggatt	420
gcatttggtta	gcacgtctct	ttcagatatt	gttccccag	gaatagcgaa	aatatgtgca	480

gcgcgaacaa	tgatttaaca	aaaatg	gtacttaaag	agtttctgtc	agtaat	540
gtgatggagg	cttctgaagg	gctgggg	acttcatttc	ttctatttat	cttatgtct	600
ctctggtttt	agtgagcgg	aattgcatat	ttaccacctc	aaatagcttt	aaccctnacg	660
atgccacttt	ttaccctgta	taaaatgtac	ttttatccca	gcaaaggcag	actcagaaat	720
tncttacc	aaaaaattat	ttaaaaaaa	aaaaaaaaa	cttcgagcct	tttanaactn	780
tngtgagtcc	gnnttacgta	gatccngacc	ttgatnagga	tccattgatg	n	831

<210> 4107

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4107

gnnnnnnnnnn	tttnnaactt	tgctaantct	tggtactctg	ttctttttgc	aggacccatc	60
gattcgaatt	cggcacgagg	cctctgtcct	gaacttttta	acccggtgcc	acaacccgag	120
ggtctccata	ggggcaggta	aacggggatt	ttaatcattt	taagtgtctt	agaatgatat	180
tttgggaaaa	agcactcctt	ttcctaagga	ctgcgactcg	gtgaacagaa	aggaggctat	240
gcggtgtggc	cagccaactc	aaggaggacg	aagcaacctt	tgctctctaaa	ctgcctggaa	300
ccaaatgtcg	atTTTTctga	cccctcccag	ggagtgtctga	gtagtgtatg	tgtctggagg	360
gtcaaatcca	ttccaatgg	caaaggttcc	tcaccactcc	ccaccgctac	aactccaaaa	420
ccactcatcc	cagtgtttgg	ggcactgtgt	tcctcttctg	ccctgcacca	gaccctggaa	480
gccttggcca	gagacctcac	cagactcgac	ttgcgggcgt	gggccagctt	catggatgct	540
ggagtggagc	acgatgacgt	agcagagctg	ctgcaggagc	tacaaagcct	ggcccagtgc	600
taccaggggtg	gtgacagcct	cgtggactaa	agttcccagt	gtgggagaaa	ggagctagtt	660
tgcaataaaa	acagctggat	gcaaaaagcc	tctagaacta	tagtgagtcc	gtattacgta	720
gatcagacat	gatnagatac	attgatgant	ttggacaaac	cccactngga	atgcantnga	780
aaaaaatgct	ttatttgtga	aatttgtgat	gctattgctt	tattgtaacc	attattaagc	840
tgcaatan						848

<210> 4108

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4108

gnnnnnnnnnn	tttnaacctt	nctaantctg	gctactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgagaga	aaccagnatc	acacaggaat	gactgggatt	ttaggcctgg	120
aatgtacctt	taaaattatc	ttattacaca	ccatccttca	tttttctcat	tttctctttt	180
tggtgattcat	atattaagta	ttagggcatt	aaaacacaac	tgtatatata	aagaaaaata	240
taaagtaacc	acacatgctc	agggaaagac	acaggctcag	aaaatgcctg	agaagaactt	300
agtttcacac	cccaggctga	tcctaagcac	cgagacagcc	tacaacaatc	caaaaaacaa	360
aaacaataaa	taaaaagtaa	caaacaacag	caaacctaa	agaatgacga	aatataatt	420
tccagaatta	ccactttatt	agagtcaa	gtccagtttt	taataaaaact	cagaagcata	480
caaagaaaca	ggaaattatg	gcccatacaa	ggatcaaagg	aaaaaaaaat	gaatggaaac	540
tgtactgaaa	aagacatgat	ggcagatata	ctagaaaaat	actttaaaat	actgtcttaa	600
tgatgcttta	aaaactagag	gaagatgtgg	aggaagtcaa	gaaaatgatg	tacaaacaaa	660
acagcaatat	caataaggag	gtagaaaact	ttaaaaggaa	acaaaaaaat	tctagagtgg	720



```

aaaagtncaa tactgaaata      attact agtaggattg aagtcattgt      ataggc 780
aaaaaaaaaa annnnnnnnnn      nnaaaa aaaaactngg ccttttaaac      nggggtc 840
ngttttacct 849

```

```

<210> 4109
<211> 835
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(835)
<223> n = A,T,C or G

```

```

<400> 4109
tannccngct cttgttcttt ttgcaggatc ccatcgattc ggtttggcag tctctgaaaa 60
tatatacctg ccatatgatc cagccagttc actgctacct agtttcccaa aagaaatgaa 120
aatatatgta tatgtgaata ctcatatact aatattcata gcagctttgt ttgtaatgga 180
caaaaacaacc caaatgtcca tcaacgttgg aatggaaaca acccaaagt caatcaacaa 240
gtgaataaac aaaatgtgct atacgtatat aatggaatac tactcagcaa taaaaaggaa 300
tgaaaggaat gaactaatga tgcattgcaac agcatggata catctcaaaa taattatgct 360
gaatgaaaga agccagacag caaaaatttc ctactgagtg attccattta tataaaaatc 420
tagagaatgc caattagcct ttagtgaaat aaagcagaac agtaattgcc tgtgacaggg 480
tgaggaaagat ttggactgga agcaggggatt accaagaggg gtgagaaaac ttttgaaggt 540
gatgaatatg tacattgtct tcattgcttt ggatggnttt tccaggggtg atattgtaat 600
ttcaaaaaat gatcaaaatt tntacacttt taaaatantg gttcaagttt tattttttat 660
attgaaataa aaggctggat taaaaatggc ccnaaanann annanactnt tnantntntn 720
nnnncntnnn tnnnnnnnnn ntntntnnnn nntntntnnn nnnnnnnccn gnccttntt 780
aaaaantttt ngggggggnc gntttttccn tngaaccccc cnccttggtt tanct 835

```

```

<210> 4110
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

```

```

<400> 4110
acattnnngn cgcctttcng tttganccca tcgaccgaat tcggcacgag gctngatcgt 60
ctgggcctgn gtttnanctg gnatnggatn ctcaatcctt nttgttcaaa ttttnaagtc 120
cagaaagctc tgaaaactga aagttttttc ataatttatt tcaactgtaaa acctgaattg 180
aactgatatt tatctcacta aaaatgagta ttcatatatt gnactgtang aatngtaaaa 240
ttaccaagta ntancccaaga cctagttaga taaatgcacn attngctttt aattncaaaa 300
aaatcttaan tctgaggcac atttggctga cagcatttca gatnagggat tttgaacctc 360
taattcaatg atgtngataa atatcaccac ttctactacc attgtctatt actgaacact 420
taccatgggc caggtacaga gaaggaattg acctaaataag ctnttcggnc cntananagc 480
tntaaaaggc aggtcctttt attgacgtca ttttattgct ggtcacccaa gtggcaaggc 540
tgggctgatc cattgggtcaa gttatgactg ccgtgctcct nccccaaact taangcagaa 600
ntctcagtgc agatgatcct ggacttacca aggggggttat nctaaatnga ataagaactg 660
ggcctaaaat tgggaaanat tggtaaggcc ttttaatacc atnttaacca tcttagcttt 720
gncttaacct acccttaaan ngtgcctcaa ggacacttac atttaccgna cc 772

```

```

<210> 4111
<211> 790

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(790)  
<223> n = A,T,C or G

<400> 4111  
ttttcttttnn ntnnatcagc tcttggttctt tttgcaggat ccctcgattc gaattcggca 60  
cgaggggacc tcgatcatga caggctcatc agcctgtgcc tgacccttct cacgtgaccc 120  
cagacatcct gcaacctggg gggacattcc tttgtaaaac ctgggctgga agtcaaagcc 180  
gtcggttaca gaggagactg acagaggaat tccagaatgt aaggatcatn aaacctgaag 240  
ccagcaggaa agagtcatca gaagtgtact tcttgggcac acagtaccac ggaaggaagg 300  
gcactgtgaa gcagtgagga tttcttggtgc cattttcata atggtcatta gtccttttta 360  
agctanaaac gtacctgagc ttctgaagag ttcctgggag atttgagctg attttggaaa 420  
tgagcatga caagtgggga gtctctctct ctctttctct ctctctcttt ttaacaaaaa 480  
agagatgacn aaactaagtt caggggccat ggaaaatgaa aaagtccgct atattgngat 540  
ttgggaagaa gaaagtntc angaagaaan angtgangat tgaangatng agaaaaacag 600  
acttggtggg aagggtcana aaggaattcc cccgangcaa gggattggtg tgcccatttg 660  
tgcccttgac cgggaccttc atcttattat actgggtaaa cttgtnanac cacaaaacag 720  
gggttttcca acccctgttt ttagaacccc acgcncaga tttttccaat tctttaaagg 780  
ggggctggtt 790

<210> 4112  
<211> 775  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(775)  
<223> n = A,T,C or G

<400> 4112  
ggtnnnnnntt gnaatcgana gctacttggt ctttttgcag gatcccatcg attcgaattc 60  
ggcacgagga aagctcatta ccagtaggac ataatttttg gctctcccta ttcacaacca 120  
gtgcacagtt tgacacagtg gcctcagggt cacagtgcac catgtcactg tgctatccta 180  
cgaaatcatt tgtttctaag ttgtgtttat tcctggagtg acatgccacc ccgaatggct 240  
cactttcact gaggatgctg tcctctgatt tagctgctgc ctccagcctc tggcttgaga 300  
acttactaaa ggcacttcc tccgtgttaa cccctgttaa ctctccataa atttggtgat 360  
tctctgctag gcctaagatt ttgagttaac atctcttgaa gccaaactcc accttctgtg 420  
ctttttgctt gggataatgg agtttttctt tagaaaacagt gccagaatg acnagatntt 480  
taaaaaaaga aaggaaggaa aaaaaaaacn cttcctttta aagaaattcc ctaccngatt 540  
tttaatatag gtnatcttac cactttcttt tctagtttct tggattttta gcttaggctg 600  
cattctaacc tcatactgng naanacaaa ggtggttttt ngattcanna aattttttga 660  
aaatctgcat aagccttaaa tttggtaaaa aattaangaa aaattccttt aaaaaaaaaa 720  
tannnnnnnn naaaaaaaaa aacctgnggc ctttanaact ttgngagtcn tttcc 775

<210> 4113  
<211> 773  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(773)

<223> n = A,T,C or G

<400> 4113

ctaatecctt	gtttctaagt	cttggctact	ngttctttct	gcaggatccc	atgcgattcg	60
aattcggcac	gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	120
gagtgggaagg	agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	180
actgccctgc	tgggaagggt	gatggagctc	cccgcagcat	ggttccctgcc	tgggtgacag	240
aggctcctgt	ggccacttta	gaagtgcggt	ttactcctca	tgccgagatg	gaccttgggc	300
agctcagttc	acaagatggt	ggtcaggcgt	catttaaata	ttttcagtc	gcagaggaag	360
caaagcgtgc	cattgaggct	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	420
tttgccagga	ccgccttttc	tactttactg	tagacatagc	gcatgtcact	tgctggtttg	480
gtgatggctt	tgcagagggt	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	540
gccctgtggg	gtccttggtg	tctctggggt	cttaaggacc	tncctcatgt	ctttaaggta	600
gcatcattga	tctttggatg	tggctttttg	gatttcttga	acaagcta	ggtgtgtcaa	660
gaagcaacac	ttttgtgaat	ctcattggct	ttgattggat	ttgggcttgt	tcaaaaatgt	720
ttatttgaaa	aacgtattcc	tttaataaac	ttaaccaaag	agatttttaa	att	773

<210> 4114

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 4114

gnnnatttgc	aattngatag	ctactngttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggt	accagtagg	tatcgttgga	aacaacggag	ttctcttttc	tgaatctgca	120
aaaaagggtg	ctcactttgt	ccagttatgc	tgccaaagaa	atattcctct	gctgttcctt	180
caaaacatta	ctggatttat	ggttggtaga	gagtatgaag	ctgaaggaat	tgccaaaggat	240
ggtgccaaag	tggtggccgc	tgtggcctgt	gcccaggtgc	ctaagataac	cctcatcatt	300
gggggctcct	atggagccgg	aaactatggg	atgtgtggca	gagcgtatag	cccaagattt	360
ctctacattt	ggccaaatgc	tcgtatctca	gtgatgggag	gagagcaggg	agccaatgtg	420
ttggccacga	taacaaagga	ccaaagagcc	cgggaaggaa	agcanttctt	catgctgatt	480
aaaccgnttt	taaaaaaccc	ttcttttaaaa	ntttgaagag	gaaggaaccc	tactntccag	540
ccaaggtatg	ggatgatggg	atcattgtcc	acagacncag	actgtcttgg	tctngtttag	600
tgcacctnac	cccatngaga	gatgntcgtt	cttagatgta	ctggataagn	gttctgtgaa	660
tntctgaatac	ctgngtanct	aaattaactt	cnctagtgtc	anat		704

<210> 4115

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4115

gtnnnnntttc	aattgnntag	gctctcggtt	ctttntgcag	gatcccatcg	attcgtttca	60
gctttcggtta	ccagcaggag	ctggaggagg	aaatcaagga	attatatgag	aacttctgca	120
agcacaatgg	tagcaagaac	gtcttcagca	ccttccgaac	ccctgcagtg	ctgttcacgg	180
gcattgtagc	tttgtacata	gcctcaggcc	tacttggtt	cataggtctt	gaggtttag	240
cccagttggt	caactgtatg	gttggtactac	tgtaataagc	actcctcacc	tggggctaca	300

tcaggtat	tc	agctgg	gcggagctat	tgattttggt	catatg	360
tggttggagca	ggcttcttct	atcggta	attccactca	ggccactgtg	agatgcag	420
ttgttgggaag	accatccatg	gataaaaaagc	tcaatagcat	ctttaacgtg	aaaatnaaac	480
cagaacncna	nnaaggcctt	tanggatttc	ngggttttttg	cccacggcca	caggttcatn	540
tccagaggaa	tgcaaaactg	anacnatcca	ggaagagcta	aaacatggcc	ctgtaataaa	600
tgaccagacc	tttctgngg	ttcaaatnt	taacacactt	cctttctttt	gggaaaaaaa	660
aannnnnnnn	antnnnnntt	nnaaaaaaaa	aaacttgacc	tttaactnn	aggatctttt	720
actnantcca	acttgntaga	nccatggtna	gttggmna			758

<210> 4116  
 <211> 869  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(869)  
 <223> n = A,T,C or G

ggnnnnntnn	nntttgaaac	cttnggctac	ttgttctttt	tgaggatcc	catcgattcg	60
aattcggcac	gaggtcaacc	tctaccacgt	gcgggaggat	ggctggatcc	nagtctccag	120
ngacaatgtg	gctgatctac	atganaagna	tantggctct	acccctgaa	agaggggtgga	180
tgcanctgct	tgtgtatntt	ggggtgactg	tcatttgtaa	tacggacaca	gtgacccatc	240
ctccatncta	tttatagnn	aagggccttc	antngtatca	gtacttgatt	tnaagctctg	300
gcacattgac	ctntatgtgt	taccagtcac	taatgagctg	ntgcacgagg	tgactattng	360
ttanactntc	ttagcatgtt	aacattacac	tnctcactac	tcatananaa	gnntnnnnan	420
aacttgagnc	ctttaaaaac	ttttaagtna	gtcannattt	ccgttngatt	ccaatanctt	480
ngaatnaaga	atnccttttg	gntnaatttt	tggaaatcaa	acttcctacc	tttgnaaatt	540
nncnntgtgg	aaanantaaa	atntgcttta	aaattnng	ttgaaaattc	ttggggggaa	600
ncgattttt	nngncttttn	aannngnggg	ttacccctt	tnattannnt	cttnaaatan	660
ttnccaaann	ttttaaccct	caaccttttt	ggnnntttan	ttttaagng	gttnccatgnt	720
aaaangtnaa	atntntttgt	anngnntttt	ttntccagnt	nccnngngtt	cttnanaaat	780
ttngcccnnn	gtgtcnacaa	nntnttttgn	tnccntaatt	tatnggnngt	ttntntnccn	840
ctnttgatcat	aaaatagngt	taanctgmn				869

<210> 4117  
 <211> 817  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = A,T,C or G

ggtnnnnntt	ttnnntaca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagga	gatgctgaag	gaaattatag	ccagaggaaa	ttttagactg	cagaatataa	120
ttggcagaaa	aatgggccta	gaatgtgtag	atattctcag	cgaactcttt	cgaaggggac	180
tcagacatgt	cttagcaact	attttagcac	aactcagtga	catggactta	atcaatgtgt	240
ctaaagtgag	cacaacttgg	aagaagatcc	tagaagatga	taagggggca	ttccagttgt	300
acagtaaagc	aatacaaaga	gttaccgaaa	acaacaataa	attttcacct	catgcttcaa	360
ccagagaata	tgttatgttc	agaacccac	tggtctctgt	tcagaaatca	gcagcccaga	420
cttctctcaa	aaaagatgct	caaaccaagt	tatccaatca	aggtgatcag	aaanggtcta	480
cttattgtcc	gacaccatng	aantnttttg	aggggtgcna	aanaccattg	aaaaaagaac	540
naaaagcctt	aaaagccctg	tnttcncttg	taaattcacc	tgcaaaaata	tggattggct	600

ntttaccaac	ngggcaaccc	aaacn	aaaaaggett	gtgggnattt	ttattt	660
ggtncgaaa	atngtctcnt	gaanttat	tcattactta	cttnaaagaa	gggtttcaa	720
aaatnggcaa	gcnttccttn	aaaagcccag	tttgtaaana	aatanggtcc	cccttgnctt	780
ggttcacaaa	nnaaaaggcc	nnaanggaan	tttccnn			817

<210> 4118  
 <211> 861  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(861)  
 <223> n = A,T,C or G

<400> 4118						
gntnnnnnt	tgtntncata	caggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gcgggttcc	tcacaaacct	cattgactcc	cccgggacag	tcgacttctc	120
ctcggagggtg	actgctgccc	tcagagtcac	cgatggcgca	ttggtggtgg	tggtactgct	180
gtcaggcggtg	tgcgtgcaga	cggagacagt	gctgcggcag	gccattgccg	agcgtatcaa	240
gcctgtgctg	atgatgaaca	agatggaccg	cgccctgctg	gagctgcagc	tggtagcccg	300
ggagctctac	cagactttcc	agcgcacgtg	ggagaacgtg	aacgtcatca	tctccaccta	360
cggcgagggc	gagagcggcc	ccatgggcaa	catcatgatc	gacccgtgcc	tcggtaccgt	420
gggctttggg	tctggcctnc	acgggtgggc	cttaccctga	agcaatttgc	cnaaatgta	480
tgtngcccaa	tttngccgnc	caagggggga	aagggcccan	ttngggggcc	tgccnaaacn	540
gggcccana	aaaggttnan	ggaccattga	attnaaaaaa	aaccttttgg	ggggttgaa	600
aagggtncct	ttttggaccc	ccaancccca	aacggggcaa	aggttttnaa	ncnaagggtt	660
naagcccaac	ccaaaccccc	ccnaaaagg	gnaaanaaaa	cttggccaan	gccaaccntt	720
ttttggccaa	acttggaaac	cttgggaanc	cccatttttt	tnaangggng	ttttggatgc	780
cnaaccattg	aaattttcaa	ggaaaanaag	gaaggccngg	gattngggaa	aaccccaaaa	840
aatttttttc	catttttttt	n				861

<210> 4119  
 <211> 851  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(851)  
 <223> n = A,T,C or G

<400> 4119						
ggtnnnnntt	gtaanntana	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagcc	tcattatcca	ccacgcacag	atggtacagc	tggggctgaa	caaccacatg	120
tggaaccaga	gagggtccca	ggcgcccag	gacaagacgc	aggaggcaga	atgaccgcgt	180
gtccttgctt	gaccacctgg	ggaacacccc	tggtaccagg	catcgccag	gaccccatag	240
agcaccocgg	tctgcccctg	gccctgtgga	cagtgggaag	tgaggtcatc	tgccactttc	300
aggacattgt	ccgggagccc	ttcatttagg	acaaaacggg	cgcgatgatg	ccctggcttt	360
cagggtggtc	agaactggat	acgggtgtta	caattccaat	ctctctatatt	ctgggtgaag	420
ggtcttggtg	gtgggggtat	tgctacggtc	ttttaattat	aatnaatatt	tattggatgc	480
ttnaaaaaaa	naaaaaaaa	aaacttnngg	ncttttttna	attttttagg	gagtcngtnt	540
tnccntagan	tcagacntt	gtttanggat	nccattgggt	gaanttttgg	gaccaaacc	600
ncaacnttgg	aaattgcenn	ntggaaaaaa	aaantgcctt	ttanttttgg	gnaaantttg	660
ggggaatgcc	ttatttggct	tttaattttg	gtaaccenn	tttttaaagc	ctggcaattt	720
naaccnaggt	tnaccnanc	caaccaaatt	ggcattttca	tttttaaang	gttttnnang	780
gtttcaaggg	gggnaagggt	tttgggaaan	gttttttttt	aaaatttnnn	ggggcccccnn	840

<210> 4120  
 <211> 848  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(848)  
 <223> n = A,T,C or G

<400> 4120  
 ggtnnnnatt taanntnagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60  
 cacgaggnnc ctgcaagggc tgggtgtggaa acaagcannn tngntgcntg aagcaaaagt 120  
 nanacngngg tgttnactgt tgatgtgacc ccacaaagtg tnggaaccgc catcaaggcn 180  
 nggntagctn gggcactgtg gancggagcc anaattncnn nggntccttc naactgnang 240  
 atcctaccna ggtnaccenn ggatngngct tntntaatnc nttttgtgcn acccnaata 300  
 gcnnatcct gaaaganatg tgccatgtng ancagggtgct gtnaaagaag actgcttcng 360  
 ctccctgncc ttttgacctc ccngagttga aacatgtagc aacacgnntn ccatagaata 420  
 caaggctcca gntgaagaaa aagaaacggg ntctgggtcag naacaatcag ntccntntc 480  
 ttggangatt cccctntntt aatnaaaagc cctnatttna nttttnnang cnttnaattt 540  
 tttacnctn caatnttttg tttgcntaan atgctttttc aaggtttgan aaccctttaa 600  
 angggggttt tttttnaaaa tggactttct tntgggattt tnagggtttt antttggctt 660  
 anttnaaaaa aaaagntaac caaaaaccgt ttnccttgnaa aaagaanggt nnacccttta 720  
 aatnggatnt tgggcccttt aancctttca atgttccang gnttacctna cttttangtt 780  
 ntntcccaa aaaanggttn ctaangtntn ccttatttgg actnnaanaa cccnaattga 840  
 actttttn 848

<210> 4121  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 4121  
 gnnntttcaa tcganagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60  
 gagtacatat ttgtcataat tacaataaaa tacaaagagc tattttggaa ctgggcaagc 120  
 tgttttctaaa tgtatatgga aaaataaaaa tgtctccaaa aaatccctgc agagggaac 180  
 tagcccttcc agatataaaa tatattatag aactgtgtaa ttaaagcaat atggtactgg 240  
 tccataaaaag aacataaaac caaatagttc agtagactca aaatgcaagc gttggtgagg 300  
 gtatggagaa aagggaaccc ttttacactt ggtgtgaatg taaattagta cagacattgt 360  
 ggaaaacagt ttgtagagct tcctcaataa aaacacatat gatccagcaa tcccactact 420  
 gggatatatat ccaaaggaaa tgaaatcagt atgttgaaga gatacttnca cgttactg 480  
 aaccttgntc acattggcca gnacttaaac ctaaagggtc catnaaccgg aagatagata 540  
 gggctgaccg cgggtggcca cgcctgtaat cccagcactt tgggaggcca aggcagggtg 600  
 atcatttgag gtcagaagtt tttgaccagc cttggccaac atgatgaacc cctntttct 660  
 aaatttccaa aaattagctg ggcgtatggt gggcacctgt nttcccagtt ctcgagggt 720  
 nangcaggan aatgctgacc cagggacgga cttgnt 756

<210> 4122  
 <211> 775  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4122

ggtnnnnntt gnaatcgana gctacttggt ctttttgtag gatcccatcg attcgaattc	60
ggcacgagga aagctcatta ccagtaggac ataatttttg gctctcccta ttcacaacca	120
gtgcacagtt tgacacagtg gcctcaggtt cacagtgcac catgtcactg tgctatccta	180
cgaaatcatt tgtttctaag ttgtgtttat tcctggagtg acatgccacc ccgaatggct	240
cactttcact gaggatgctg tcctctgatt tagctgctgc ctccagcctc tggcttgaga	300
acttactaaa ggcacttcct tcctgttaaa cccctgttaa ctctccataa atttggatgat	360
tctctgctag gcctaagatt ttgagttaac atctcttgaa gccaaactcc accttctgtg	420
ctttttgctt gggataatgg agtttttctt tagaaacagt gccaaagaatg acnagatntt	480
taaaaaaga aaggaaggaa aaaaaaacn cttcctttta aagaaattcc ctaccngatt	540
tttaatatag gtnatcttac cactttcttt tctagtttct tggatttttna gcttaggctg	600
cattctaacc tcatactgng naanaccaa ggtggttttt ngattcanna aattttttga	660
aaatctgcat aagccttaaa tttggtaaaa aattaangaa aaattccttt aaaaaaaaaa	720
tannnnnnnn naaaaaaaaa aacctgnggc ctttanaact ttgngagtcn tttcc	775

<210> 4123

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4123

gnnttcaa at cgatagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac	60
gagggcgtt gggcgagatg aagctacact gtgaggtgga ggtgatcagc cggcacttgc	120
ccgctttggg gcttaggaac cggggcaagg gcgtccgagc cgtgttgagc ctctgtcagc	180
agacttcag gagtcagccg ccggtccgag ccttcctgct catctccacc ctgaaggaca	240
agcgcgggac ccgctatgag ctaaggagga acattgagca attcttcacc aaattttag	300
atgaggggaa agccactgtt cggttaaagg agcctcctgt ggatatctgt ctaagtaagg	360
attccatatg gctctcatat cattccattc catctctgcc aagatttga taccgcaaaa	420
atttgtgttt gtggaagatt ctgctgaact ctttcattca agggactact tccattgaat	480
ttggattntg tttgccccac attgggggtc ttantanana atttgggggtg gnnentgaag	540
cacctattaa tctcttaatt tctggttctc ttangctggt tatgttaaat tcctccgata	600
tggttaaaagt aatgggtgag accagaaaaa gaaatttcaa ttaccagatc antttggggt	660
gcattgtatg attttgcacc ntcaaaatgg aattanggga agaattctgg ntcttgcttg	720
gaaagganga tgtgtntagn tncccattha natgactcca aattttntta	770

<210> 4124

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

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<400> 4124
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tcggcagcag ggaacatcca gtgcctgcag gacgtggagc gctgcctccg ggacacgggt 120
gtgcaggcgc tcatgagcgc agagggcaac ctgcacaacc ccgccctgtt cgagggccgg 180
agccctgccg tgtgggagct ggccgaggag tatctggaca tcgtgcggga gcaccctgc 240
cccctgtcct acgtccgggc ccacctcttc aagctgtggc accacacgct gcaggtgcac 300
caggagctgc gagaggagct ggccaagggtg aagaccctgg agggcatcgc tgctgtgagc 360
caggagctga agctgcggtg tcaggaggag atatccaggc agggaggagc gaaccaccg 420
gcgacttgcc cttcactgga tctgccaccc tacattcggc cggggcccaa gganganaac 480
cagganaaag cagtcccca aaaagcgggc cttgnaggaa aaggangtg caggangtc 540
tgtcttanac ccnttgcaaa aggacaataa tatttaaagt gaaaaanana nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngnnntnnan nttnnnnnt 660
nnnnnnnnnn nnnnnnnann nnnnnnnntn nnancnnntn nnnntta 707

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<210> 4125
<211> 673
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

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<400> 4125
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cttggtcgtt tctgtgtact tgcttagtgg actgtagcaa cacactcagc ttctccagtg 120
tcaaccaca ttggctttcc cactctacag tttctgtagg atgcatgtt tcaccattat 180
caggcttctg cagtgtcag agggcagcaa taccagcaa ccagtgacct gaggccagca 240
acttctttta cttccccctc agttggattt gtaacagagt atctttggtg ggacacttct 300
gtgtgaagag attttactag caccctaaag aatggatttc tggcaagttc cacaaggtag 360
acttcagta agttctgctg gtgcagcact acagcaactt ccgtgctatt cagtgagagg 420
actgtgttct ctccaacaag gtctggatct cagccctggg atggtttaag gtcngangaa 480
gctnttgctt tgggngtctg ngnaaactn agggacttng gnactntnaa nagtctctta 540
ttcnnatagt naatanctgt tctcaccat gttaatagta gngacctta taagttcatt 600
tcaatactgg ggttcttcga tgnttcttct tattagacgt gaaatgtgat gtgattgtat 660
agnatgntac ata 673

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<210> 4126
<211> 753
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 4126
gntntnnntt tgtatannta caggctactt gttctttttg caggatccca tcgattcgca 60
gcaatgtttt gtggctttta ttgtacaagc ttttcacctc cttggttaag ttagttctta 120
agtgtcttat tcttttacgt gctattataa atggaattat tttcataatt tccttttcag 180
gttgtaatt attagtgtac agacatgcaa ctgatttttg cacattgact ttgccagtga 240
catgaacctg tatgtagaaa accctaaaga ttgcacaaaa aaaatggtta gcttgagacg 300
taaaccttag gcaaagagaa gtttgtgatt tgtaagaaat ttaaaattaa taggattaa 360
aagagagctg tgggccttgt tatgtatttg ctttggaagc cctctaagaa aatttcaggt 420
caatttttta ttctctgccc tactggaatg ccccagatt atgtgacaat gangtcttat 480

```



tttaatatgt ncanaatttg	nantgg caatnnttgg gttcnanatt	catttc	540
agaaaattnt ngctttttcn	gatgtct tatcctcttg ngtgggtccc	agtgagccc	600
tgatcctttc agatncattt	tatatactct ggtgggtgatg aatatttnat	ctctggcaaa	660
tactgnccat gctaattccc	tggaggacct nggatncaat attattggaa	ttntaaatca	720
aggttaacct aagtcaaaga	gtctnanctg ccc		753

<210> 4127  
 <211> 817  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = A,T,C or G

<400> 4127			
nnntntnnnt tttntacata	nanctactt gttctttttg	caggatccca tgcattcgaa	60
ttcggcacga ggcgagggcc	tggcccccag ggcgccaca	ccagaaggtc ggagaaaggc	120
ccaaggcgga tgccacgccc	agcagtgggtg agggacccac	agatttttga aacgacctgg	180
acacactatt ggggaaggaga	tgtggacggc ctgtctcctc	ctgcagggcc caccctaaga	240
atgtattttt aaacacatga	aataagtatt tttcactgat	aaaaaaaaa aaaaaaaaaa	300
actcgagcct ctagaactat	agtgagtcgt attacgtaga	tccagacatg ataagataga	360
ttgatgagtt tggacaaacc	acaactagaa tgcagtga	aaaatgcttt atttgtgaaa	420
tttgtgatgc tattgcttta	tttctaacca ttataagctg	caataaaca gttacaaca	480
acaattgcat tcattttatg	gtttnaagggt taagggggaag	tttttgaaa ggtttttaaa	540
ttcnnggcn nggnccaat	tgcnttgggc cgggttcccc	aanttttngt tcccttttat	600
tganggggta attgcccccc	ttgggcgtna atcatgggccc	ataancttgg tttccctggg	660
gtgaaaattn gntattncg	tttnacaatt tcccacacaa	nntttncnaa ncccgggaan	720
ccttaaaant gtnaaaaccc	tgggggggtgg ccctaaatgg	aattgaacct taacttnaca	780
tttaantggc nttttnnnct	tnaattggcc cctntttt		817

<210> 4128  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 4128			
agnnnnnnnn nnttgaanac	nnnagctact tgttcttttt	gcaggatccc atcgattcga	60
attcggcacg aggataggct	tagaaattat tttttatcag	cattaagtgc ttcaatttct	120
ccccataaag attctaagga	aatttcagtt cctcatatta	tagttttccc cataatttaa	180
tattactaag tatttctctg	cccagtaatg ttgatgcagt	ttgcataaat agccttgga	240
gtaaggaggc aggacagaaa	gccaaatata gaaatctctg	gccttgattt agtgacagtt	300
tattctaata gggaccatag	gtgttattag taaaaagata	gtgtacaagg cctaagttca	360
gtttacattg ttctttgaaa	tgagttcatc ttttgtgttg	aataattgta ttctaagtag	420
gagatgcttg tatttaacat	aatcatgctt tctatataat	caaatatgta tttgntggaa	480
tactggtaga aataccttcc	ttcctcnttg ccanggaaaa	aaaactcccc attatncngn	540
tataaatagg aatttgtaca	tattacattt taaaatttaa	atgcatatat ttgaaggatg	600
gatatagtct gagctatgct	gcttaattca ctctgggacc	gncaatgttt tatatggctg	660
ctatgctggt acngctgat	gnaa		684

<210> 4129

<211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 4129

acganagcta	cttggttcttt	ttgcaggatc	ccatcgattc	gnnnctannt	cgagaagagg	60
tntggtnacc	tnctgntgcn	cncnctgggc	tggacggnaa	gangactnnt	nnntcnangg	120
ngngnnnnngc	ggcacaccng	gtatttganc	atgcattatc	tncacacact	gtgcagcatc	180
ctttggagag	cacaacgcat	ggaaagggtca	tnnnnnntnt	ganttgccat	ntcnntngcg	240
ngtcntccta	cccaagtaaa	agntaccttg	gcnatnntac	cnccgntttt	ntcactcncn	300
aggacntatt	acctnggggtg	cntnnaacgt	aatcnnttac	tnnnnctcat	tctnacnnnn	360
nttggaccca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tngaaaattc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaa	tngggaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcctgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnntnggg	attatttnat	ttcaacaaaa	720
cacttgance	ctttttanng	ccaatgcact	tggttaaacc	atgggggnaa	aaatgcccc	779

<210> 4130  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 4130

acganagcta	cttggttcttt	ttgcaggatc	ccatcgattc	gnnnctannt	cgagaagagg	60
tntggtnacc	tnctgntgcn	cncnctgggc	tggacggnaa	gangactnnt	nnntcnangg	120
ngngnnnnngc	ggcacaccng	gtatttganc	atgcattatc	tncacacact	gtgcagcatc	180
ctttggagag	cacaacgcat	ggaaagggtca	tnnnnnntnt	ganttgccat	ntcnntngcg	240
ngtcntccta	cccaagtaaa	agntaccttg	gcnatnntac	cnccgntttt	ntcactcncn	300
aggacntatt	acctnggggtg	cntnnaacgt	aatcnnttac	tnnnnctcat	tctnacnnnn	360
nttggaccca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tngaaaattc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaa	tngggaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcctgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnntnggg	attatttnat	ttcaacaaaa	720
cacttgance	ctttttanng	ccaatgcact	tggttaaacc	atgggggnaa	aaatgcccc	779

<210> 4131  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)

<223> n = A,T,C or G

<400> 4131

gnnnnttttcn	aaanntttttt	gaaanccttc	ttnncctttc	aaancgcttn	cgaattcggc	60
acgagcactt	gtcaggggag	aggggacagc	aagggtggag	gttgaagagc	tttgaggctc	120
agcagcatgt	ttgtggcatt	cggtggacac	catggccttg	ggcggttga	caggtttttg	180
tgatgtgagg	gacacgcatg	gggcacatgg	taagcttggc	aagggtcca	ggaacgctga	240
cgaagggttt	taggaccccc	accccatgc	ctgtaccagg	gctggcctnc	agagcgggtg	300
aggacagagc	agctgtgggc	ttttcattct	gaggtcttgg	ccccctgcc	accgcaaggg	360
actctttgct	tgtaggggct	tgcaaaaacc	aaccttcgag	aaagaaaagg	gaactcttca	420
cgttgaatgt	tgactttgtg	tgtatgcctg	tgtgtgtgtg	tgtgtgcacg	cgcgcgtgtg	480
cgtgtttact	tcattggaatt	ttgttttgtg	aaattcccct	caatcgtgtc	agaatttacc	540
ttcatgcccc	atcacactgt	tggttctgcg	ctctgaacct	gggtgtagct	catttgaang	600
actctcttct	gcgtttccta	acagttatct	ggtggtctca	aaagttgang	ttgtggaagg	660
gttggaaga	aactgaagtt	ctatccattt	ccatagaatt	tacatnctgc	attnnaaang	720
canggaaggc	ttaaccccg	cccaaaactt	ncaggcct			758

<210> 4132

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1335)

<223> n = A,T,C or G

<400> 4132

gccctttcta	antgctnaga	cccttgctact	cctcatgaac	gtttggnaaa	tnccgcacga	60
ggaaacagac	aaatctgtaa	taacggccta	ancctntttc	tgngatnagn	ntcatttttg	120
cccantcnaa	aaaaatgtgn	aatagnttat	tcaagncaan	cagctcattt	tccaacaatc	180
ctnngctcat	gtgatcccc	aatncccaca	actttntgga	naaccnngg	gccncanatg	240
gttgtgga	aatgggggtn	tagatgggtt	cgnggaactt	gnagggtatg	aaaaagggnc	300
cannccaggc	tngaactggg	gattnggann	aaacnccaat	cgnaaaaccn	ntttttaaan	360
aacnccccct	ttaanaaggg	ggcacctgnt	ntttaacggc	taaganaaaa	tttgggaattg	420
ccccctcan	gttncatnna	aacgggggatt	tggaaatttt	ggaacccccct	gggggnnann	480
attatcccat	ccacaaanng	gaaccctggg	ggcancnccc	aggggganct	ttgggaaaac	540
aagggggggc	ccttggcctt	ttaacggccg	ngcctntttt	tgggcantaa	ncnaggctng	600
ccctaanaan	gggggcnccc	ctttntntaa	ccncccanna	cctttncggc	gtttcncant	660
nccccntggn	gncttaaacn	ctgggntgcc	cntgtctatn	ncnagacccc	tttttngccc	720
ntggggggnc	nantttaagn	cccccccnt	tgggaaaatn	tccccccaan	nggngnannng	780
ggngngcccn	aaattttncc	nncgnncct	ttttgcnanc	ntntngggcc	natcccttat	840
ggntnaaacc	cttngnaagn	ntcaccaaat	tnggggttgg	cccctttcta	anggtaaaaa	900
caaaaaangg	nnngggnnnc	cntttgncan	cattnncttt	tcccaanacn	ctttggnggg	960
gnaaaaaacc	cctgtaanan	ncaagcnccn	gggnaanata	aagggtaaaa	atcncccng	1020
ggnnccctta	aggnntttt	naaagggaac	nntaaanccc	cncccngggg	ngnnaaattc	1080
cttgggcttt	tacnncncnt	ttgngccnca	acnntgggac	naaaggnttc	tnacnagggn	1140
aaatnggggg	ggcntnaacc	cgaacccccn	antncccnct	aagganagcg	ntaanttaan	1200
gggaancttc	ngccttgcaa	anaaagntnt	ttgnacaatn	ttngcncgaa	aanngngggg	1260
gaactnaaaa	ctgggaccaa	antcncncng	gncctanacn	ttananaaaa	gatgntaaac	1320
aatngcccc	cccc					1335

<210> 4133

<211> 848

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(848)  
 <223> n = A,T,C or G

<400> 4133  
 ggtnnnnatt taanntnagc tacttgttct ttttgagga tcccatcgat tcgaattcgg 60  
 cacgaggnnc ctgcaagggc tgggtgaggaa acaagcannn tngntgcntg aagcaaaagt 120  
 nanacngngg tgttnnactgt tgatgtgacc ccacaaagtg tnggaaccgc catcaaggcn 180  
 nggntagctn gggcactgtg ganccggacc anaattncnn nggntccttc naactgnang 240  
 atcctaccna ggtnaccnnc ggatngngct tntntaatnc nntttgtgcn accccnaata 300  
 gcnnngatcct gaaaganatg tgccatgtng ancaggtgct gtnaaagaag actgcttcng 360  
 ctccctgncc ttttgacctc ccngagttga aacatgtagc aacacgnntn ccatagaata 420  
 caaggctcca gntgaagaaa aagaaacggg ntctgggtcag naacaatcag nttccntntc 480  
 ttggangatt cccctntntt aatnaaaagc cctnatttna nttttnnang cnttnaatTT 540  
 tttacnctn caatntttgg tttgcntaan atgctttttc aaggtttgag aaccctttaa 600  
 anggggggtt tttttnaaaa tggactttct tntgggattt tnagggtttt antttggctt 660  
 anttnaaaaa aaaagntaac caaaaaccgt ttncttgnaa aaagaanggt nnacccttta 720  
 aatnggatnt tgggcccctt aancctttca atgttccang gnttacctna cttttangtt 780  
 ntntcccaaa aaaanggttn ctaangntn ccttatttgg actnnaanaa cccnaattga 840  
 acttttnn 848

<210> 4134  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 4134  
 cntnnttgnn cnnnnnnnng ggggntttgc antgcgggct aatggctnng gctactngtt 60  
 ctttncgcag ganccancg attcggaata tataggcctt tattgtcttt aacattgaag 120  
 taactttgta gttttattca attatgagcc agcagatcct tagtttaggc ctttatattg 180  
 catacctaata tagaactttc cccaaagtgc aactgcatga ccttaatgta ttggagcacg 240  
 tcttacaggt ggacttaaaa ctctagaatt tcctgagtcg ttgttatttt ccactgaagg 300  
 tctttccact gtacagcatt tcaggcatca tcactatgat tcttttttct tgactgttgc 360  
 ttgttttccc actgctcttt tccccaatgg cgagctgggt gtgccatctc tggggctctc 420  
 ttataggaac tcacagtcta gcctactgta ttttggtttc ggagaagtga aagtgaacac 480  
 tgttatttgc catcacact ccatcaagaa tttcacttca ctaggaaata tatgggcctt 540  
 tcatggaact gatgattact gtggctgatg tgagtgttgg gcttangatg ctcacatgtg 600  
 gtagttggaa gttttgtaat ctaagatgga aatgagtggg ccattttaaT ggccatctaa 660  
 aggtcacagt gactgcanaa gaagtnagaa gagagtataa ttcttcagct ccctggactt 720  
 ccatangaaa gctngaaaat cttataccca gattacccaa aaaaaaaa 768

<210> 4135  
 <211> 798  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(798)  
 <223> n = A,T,C or G

```

<400> 4135
gnnnnnnnnt tncgngtggg tncntaggtg ggggnnttct nttttactna tngctngtgt 60
actcgttctt tncgcaagat cccancggtt cgaattcggc acgagggnaa cctttcaatc 120
actttaacta gtcncttaag gactctaggc ccagaagcct ggtttctggg tgaatgtttt 180
tatacatcac tcaacttccc tcgtcctaaa aggacaccta attttgttac tattgaaaat 240
ttttattttg gtggccagaa tacgaaatcg ggagaggtaa cccaaacagt tgtcttagga 300
aaaggcagat tctcagaggc aatgggctat caacaaaata ggtgctaagc acatttggtt 360
gtaatgatca ttcataataa ttanaagatt tatggtaaca gtttatattc attatccata 420
cagttctatt ttgcaaata gaataaccac ctataagcaa acagtgttaa tgagaaatat 480
atattgtntt aagaaaatag catataccac atgaaaaaga gtgttcctt tctntttttt 540
tttttgccag aaatcaagtg tggaagnctt gatcaaagta aaactaccta tttgaactgc 600
acanataaaa ctgggggtgcc caatccntat tttacatttc tngggcttga ttcataaac 660
tttgtaanaa aaaagttnac tattnaaaaa gtcnngtgng ccttcacttt tgacttgga 720
ttctattccc ctttttgtcc tgggattnct ttttctacn cnatttctnn aaatnttatg 780
aaangggcnt ntntncnn 798

```

```

<210> 4136
<211> 1105
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1105)
<223> n = A,T,C or G

```

```

<400> 4136
gaccccnttc ntgattgggn cnnagggtggg ggggttttct ttttactaaa tngctngtgt 60
cntccntant ctncnanna nnnagagcnn agtcctcana cagcncgnag ccccantagc 120
tgggcctaca ggcgcccgtc nccacaccna ctnttatggg ggggngnggg gngggggaga 180
cggggnnttt accatgtttg cnncccgng gtgncncngt ggtcannnct gnggaccanc 240
tnttncgggn canancncnc cggnctcnnt atcccnccc aggnccncng ncnccntnca 300
nnntgaann cccnccccn ctcnancta acnngnagcc acngccaant tcnntntnn 360
cgtnncantt tnactacact tnttcnctc cntnttcca ctctnnngnc ncnncnncn 420
nggtctnant ncnctncttc ttntatagac gntcatcaen nccaccncca annttnnctt 480
cancataatc ncnntancc tncanncnn anntacggcc tcnntctccc nccccnttc 540
tcacncttan ttctnctctc ctctcgcccn tcntnngccn ncctccnctc cccctctnaa 600
tnntctnctn ntctctccct ntcnnttttc gntnancan catnnccatn ccaccacctc 660
ancntatct atnatcttan cntctctc tcctcnctc atcactgttc nacnctnct 720
cacancann atctcctctc acannttgct atcatctana tctctntctc ntctcacca 780
nancctntac aanntcttct cctctcnca tctcncttca ctctnnncn nntnacnct 840
taccgcacgc ctccnctctc accttactn cccactntt cantntcgn ncgnetctnn 900
gacctctctt cncncnatte cannnntctc ctctaccna tnntcnatc tcnntcatna 960
ctactntntc anctaccana nctnctctc cataantccc ctcgacnntn ncnccctct 1020
actntgcgcc cncnnccac tttctctctc cnntangtca cctaccaanc anntnnatct 1080
nntattctan tcnantacnt tacct 1105

```

```

<210> 4137
<211> 784
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

```

```

<400> 4137
nnnttttntt tnttggngnn gnnagtnng gggtttnctt ttttntaan ngtgcgcta 60
cttgttcttt ttgcaggcat cccatncgat tcgaattcgg cacgaggaga tccaagtgg 120
ttagaagggg atgattgctg gtgaagggtc tgaacatggg gacagggtgg aggctgagca 180
cacactcgta caccgctggc aggaagagaa atgacttttc tggactacaa tttggagata 240
acacaaacat taaaaagaag aaaaaattgt atcccttttt gactaagcaa ttctaggatt 300
gttatttttt tctcctgagg aaactagcat ggatgttcac attcagggtg ggggatgttt 360
atcaatttgc tatttttagaa aagagaaaaa aagtttagca tgtcacaaga taattttcat 420
caatatatgg tacatccatt tagtgaaatg ctgtacagcc atttaaaaag atacagaaga 480
ggccaggcac ggtggcctta cttggctaata taaaaaaaaa aaatctgtag agatggggta 540
tcaccacgtt gccagggtt gtctcgaacg cctgggctca agtgatcctc ccacctcagc 600
ctaccaaagg cctctagaac tatagttagt cgtattacgt agatccagac atgataagat 660
acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg 720
aaatttgtga tgctatttgc tttattttgt aaccatttta agctgnaatc aaacaagttt 784
ncnn

```

```

<210> 4138
<211> 784
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

```

```

<400> 4138
ctntntnggt cctnnnnngnt ggctttctaa tgcntaanno tgntggctcn gttnttttcg 60
caggacccat cgattcgaat tcggcacgag gtggtacctt ggcttttaggt tttcattcgc 120
acggaacacc ttttggcatg cttaacttcc tggtaacacc ttcacctgca ttggttttct 180
ttttcttttt tctttctttt nttttntntg agttgttgnt tgntttttaga tccacagtac 240
atgagaatcc ttttttgaca agccttggaag agctgacact gnetcttttt cctncctcta 300
tacgaaggat gtatttaaag gaatgctggg cantgggaca tttngtcaac tatgggtatt 360
gggtgcttaa ctgnctaata ttgccatgtg aatgttgat acnattgtaa ggcttatgtc 420
actaaagatt tttattctga ttntttcata atcaaaggtc atatgatact gtatagacaa 480
gctttgtann gaagtntang ancancnatt tctgtacctg atcaagttta ttgcancctt 540
tcttttcena ttnctttcnt ttaagggtta gtattancaa atggcaatga gtcnaaaagn 600
tancatgaag attttnnaan gagagaactt accggacaca gattngtgan nctttgactg 660
gggacaccta ttggatgtga ttcttaaaaa gcttttnatt ggagccattt ngccaaaatt 720
ttgnaaanct ttcatagggg gnattggacc nttattatcc natnaatncc cctcctata 784
ttnc

```

```

<210> 4139
<211> 778
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

```

<400> 4139
tnngnnncnn nnntggggnt ttcaatnttt cnaantgngt ctngttcttt nngcaggatc 60
ccatcgattc gcaaaagcca ctttttgttc gaaactccct ggagcgacgc agcgtccgga 120
tgaagcggcc gtccccaccc ccacagcctt cctcgggtcaa gtcgctgcgc tccgagcgtc 180
tgatccgtac ctgctgggac ctggagttag acctgcaggc gacaagaacc tggcacagcc 240

```

aattgaccca	ggagatctcg	tgaagg	agctcaagga	gcagctggaa	ccaaga	300
gccacnggga	gaaggagctg	cagtggt	tgngtgagga	ccagcgtttc	ctgctgctgc	360
tgangatgct	ggagaagcgg	nagatggacc	gagcggagca	caagggtgag	cttcagacag	420
acaagatgat	ganggcagct	gccaaggatg	tgcacaggct	ccgangccat	agctgtgnagg	480
aaccncnaga	ngttcagtct	ttcangaaaa	gctncatgga	gcnaatcctt	ctgcctgatg	540
aagtgcattct	cagcatcact	tcagctgtcg	gggcattttgt	ngggagaacc	agaccacctc	600
tgcggaangc	agcanaccct	tttccagcca	tggatngagt	ttgaattctt	ctataaacng	660
ntcaccatca	naccacccaa	ttcatttcca	ttgctttgcc	tatagaggaa	atttannnaa	720
tcanattnaa	tggtttctact	ttatttnaaa	ancnnnnaac	tctaaaaact	ntggncct	778

<210> 4140  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 4140						
tggttntctt	gntgggggtg	tccttnttnc	aattatgtgt	tctcgatcnt	gtngcaggag	60
nannccngcg	ntggccggtg	tggtgcccag	actggnccttc	acctcctggg	ctcaagtgnt	120
nctcctccct	cagcctcccc	aagtgtctggg	attatagatg	tgagccccctg	caccagacaa	180
ttatatttat	tnttaaaaac	gcccctcatg	aagtctgggt	aattctctcc	agatttctcc	240
ttatcaacaa	atttataaga	gttaggaaaa	aatgatgta	aataaagcac	ttaaattgcg	300
acagtggntc	tattcttaac	atnataatgc	ttatgactaa	ggagcattct	tntnnttata	360
aannaaatgt	ntnctgnact	gtagantac	atgaggggtca	gagacnttat	nagtntgtaa	420
gaatgcnttg	tggattntnc	taannnatca	cctacagtaa	tgggctatgg	ctaacaccct	480
ttnacaaaat	ngaggnncac	anatgaaatt	ccagttanag	atcataangg	tgtctgcggt	540
gaccntagt	nattncctnn	cgattacngg	cgcnaaattt	aacgatganc	tncagctca	600
nnagntttgg	annatttnng	ctnaaatgct	ctcctggaca	ctaccatact	tagcatatnc	660
ctgggaaata	ctaaccgaat	aatatncctt	taaaacaccc	cggcctcaac	agataagatc	720
tatgatctaa	cgtttnattc	ttttcacaca	ttattattaa	tn		762

<210> 4141  
 <211> 860  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(860)  
 <223> n = A,T,C or G

<400> 4141						
tgggttnnng	gnttgggggt	ttcaantttt	gctaanagct	gggctactng	ttctttncgc	60
aggancccat	cgattcgctt	ttctttgcag	tatgaaggta	gataattctt	caagttaaag	120
atggactttt	ttcaccagaa	atggctttat	ggaatcaatt	tgcaaaaatg	taagagggtg	180
caaaggaaa	aataaaaata	tattttcatt	ttcttctgtt	attcttagat	cctttggtag	240
attgtaaact	ccatgaaagc	aggatacctt	cttttgccct	aaggcttggc	ccaaaagaga	300
taccaaaaaa	atacttgctt	atatactaac	ctagtctctg	ggtgtgggag	ccatagaggg	360
ttcanggtgg	ggtggtgggg	aaggtggngg	nnttnegtat	atccgaaatg	ttncctcatn	420
naangnatth	nnagcaagtt	tangaangan	ttttgctnaa	tgaaatngnc	anagaacat	480
naanttncat	anatgccnat	gcctnaaagc	ngccttttga	agctttatct	taangntctc	540
acccttcata	acnnccctaac	gnatnacntn	tttcttanc	tttggnattn	natannnaac	600
atangctcnn	cgttttattca	anantccana	acctnggnng	gcnnnttatan	ttntcctnt	660

nccnnaacct	ttggaaantt	cctggn	ncnttttnc	atttctctc	ttanca	720
natanatann	ncnntcnntc	ntntana	ntnnnctcn	nnnnnctnc	nnnntcn	780
cttttntnn	ncannntnct	ententann	ntttncntnn	acannctnnc	tantnnntn	840
ngnntnctcc	ntttntntnc					860

<210> 4142  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 4142						
nagngcnntt	nnggtggggg	tttcnaattc	ncnctaaaac	tggggctact	cntnctntcc	60
gcancaancn	ngcngntcga	attcggcacg	agaagggaga	ggcagtagga	ctaggagtta	120
aattgtcatg	ccgaggtctc	tgagcatggg	tgggcctgtc	agaattgtca	tcgctcactc	180
tgttgacttc	cagcagctga	caggcaaggc	cctaggaagc	tcttcagcct	cctttccttg	240
ctagaggtgc	tgttttccct	ggaaatgttc	aagccctgca	aatcgtttct	atagtaacag	300
gtctctgtct	tttttcttat	gatgcagatt	tttgaaaagg	tttcttatct	aaatgttctt	360
gggatctatg	gtcttcctac	ctgtagctcc	tttgattaga	cagagccttt	atttaaagac	420
ttttccccc	aagaatgttg	ntgttgcttc	tacccaaaata	ataaccantn	gntagtttta	480
ctagtgttg	aagttntagt	ttattaataa	agcttcatnt	naactatnaa	aaggantggt	540
tgngtacnaa	tagtaatacc	ngaaaaaact	aatattcact	gntnctctca	tgtattngnn	600
aactttaatt	nttnattatg	naaaaccttc	aaacataana	gtagtcaaaa	ttatataata	660
gacacctata	tacttaccac	ctanattgaa	aactaacatt	cttgccatat	tggcntacnc	720
tattccatac	tgatagtaaa	ncntagacca	tgtattttaca	nn		762

<210> 4143  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 4143						
attntacagc	tcttggttctt	tttgaggat	cccatcgatt	cgaaaagggtg	gccatgtgag	60
aaggactcag	caagactttg	ctggctttga	agatggaaga	atgtggccaa	aagcctaggg	120
atgaatatgg	cttctagaat	ctataataaa	caaggaaaca	ttatttccca	gagcctctag	180
aaggactgcg	ttttgctttt	gcctcggttt	tagcccagta	agaccctatt	tagacttctg	240
atctttggaa	ttgtaggtta	atgcatttat	attatttttaa	gccactaatt	tctggtaatt	300
tgttacagca	gccgtaggaa	attaacatgt	aggaaaaataa	acgtttcaat	gcccagggtat	360
actctgaggt	caagccagag	aagagttggg	cagagacttc	aaaaacgatg	aaggaggggt	420
taggaaggtc	ctagcatcag	tggaatagaa	taaaattact	cttattaaga	ggggaacctn	480
accttagng	ganaaatnct	gnaaatgggt	ctgagacaaa	atgcnttana	gcactgggtg	540
ctagaaaaat	caaacatagg	agatttagga	anatggangc	ttgcaatgaa	ttatgattgc	600
atcactatat	ttcanccctc	atccctgtct	tccagaaaaa	aaaaaaatng	gggatttnaa	660
aggttttattg	gtnccttaang	gccagccent	ttgaaaaaanc	cattgggtttt	tggnaaagga	720
aaaagggccca	atttaaaang	ggacctgtnt	tngtaccagg	ctttgttgna	tttgggaaaa	780
aaa						783

<210> 4144



<211> 1063  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1063)  
 <223> n = A,T,C or G

<400> 4144

nccccntnnn	naaggggggg	tgggggggtct	caactngcta	gcggtgtgna	cnnnaactn	60
gccnaaaaga	aggntggggc	natccngcac	gagntgacgg	ngcgggntcg	ggntttgntg	120
nttggnanaa	nccttccnat	atctccagtg	cggganncac	tatctggtat	ctctattgac	180
ctacggggang	ctttcctnag	tcantcgcta	cncactgna	ctangngana	ccacgcnacn	240
ntacncttan	atnctcnng	cacatctgaa	ntcacnngga	ngnttagtnc	gcagcgnccg	300
ntccacann	ccngatcac	gcgccctcnt	nncnaananc	atannctcac	ttgntgttnc	360
nccgntann	ttangttngn	ccnnaacaaa	ncttacnncn	ttntcagnan	nactccacct	420
cttccnccga	aactnnncnn	acngnncatn	nnancngct	tcnngcnnct	ncnnnnnngc	480
ngnnccannt	nntnaatngc	cntcnctca	acacgcccaa	accttacnta	tatncctttt	540
accacncttn	ncnnanccct	ctaccncccg	anctctcggt	ncccccatnt	cnanttctnc	600
tctcnacn	cncctctct	ncnncctca	ttcccccent	naatngnnc	tncatcnac	660
nacnttgnat	gacntcttct	cnnccntacc	naccnctct	ccaactnct	ctggcaaaa	720
nntcctcn	ttcatatact	antnnntatc	tnccctntgn	acnntcttnc	ngncgcaaaa	780
ntcanctcct	acacnnnaca	cntnnnctc	ncgctngcac	ctatctactc	aactnctatg	840
cactcatcgn	nnncaaatc	tnacctcnca	aactctntnc	nactnccnca	nancccccca	900
cnnanacana	ngcgnaana	caccnncaca	nanggcgata	cncttatnac	nctcngancn	960
nanatcnccn	ctctacncnc	nancatncac	gtntctcnct	atcatcngcg	ntcnncncaac	1020
tcagcagttt	annacnccat	actnnctnca	nggggtcaan	tat		1063

<210> 4145  
 <211> 996  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(996)  
 <223> n = A,T,C or G

<400> 4145

gcncctttgna	annttttct	aatgctgggt	ttgctacgga	aacccttggc	aaatccggca	60
cgagcttct	gtgccaggg	accgtggaga	aagtgtcagg	ggccgctcac	tgacgacant	120
ttgctctgct	gcctnccng	gcagcgtnct	gngggtnngta	cacaaaaana	gctgggtgtn	180
cgngggcggg	gcttgnaatc	ccanatactg	nangangctg	aagctgcatt	atcgcttnaa	240
ccnggggggn	acgangangc	canggagnca	aaatgggggc	tnntaganca	aaactttgtn	300
tcanaaaaaan	aatgaataat	nanacaagaa	aatgggganaa	gccccataa	cttacnnngt	360
ntctcntggc	cnaangcaaa	aactccactt	gnaaagccan	ganaaaacgg	ggnaananca	420
aaacaaanct	atcacntgga	ccnnnaaaca	naaaanccaaa	ggattnnct	tccccnaaat	480
tggantnaag	attcaatgga	catgggnacnn	aaaaatncag	nggtaccgga	actccngana	540
ngcnntacag	gttgcncaaa	aangaaacn	naaaanncg	ggagngnttn	attaaagggg	600
ggnattnctg	cncantttta	agggaaagg	ccacccaagn	attnagnac	aacacnntgt	660
tgacgggaan	tccattntnn	gcgaganaaa	ngngtngtac	atcccccaatt	ntanaaaang	720
gcctnaaaaa	aaanatnttt	nnaaccncac	naaatcnttt	ancactagg	gatttcnaaa	780
aantagccnn	nnnaatatn	gggggaaaa	aaaancgatn	nnaganatca	tacncngaaa	840
aaccnngggg	tnattngana	ancacnttt	nnaagntann	ggggcatngc	ancncaaagg	900
gngcantaaa	nanatagncn	ganagnacat	tanaaccct	tggtganaaa	aacccccagn	960
angncccaa	anaggattgg	ctnnaaaaa	aaaang			996

<210> 4146  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

```
<400> 4146
ttnaagctna gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagct    60
aagccccaaa acgaacttca aactgggtgt ggtggcacgt gccttttagtc ccagctaccc    120
gggaggctgc ggcaagagga ttgcttgagc ccaggagttc gagtccaacc tgggcaaaaag    180
agtgaagacc catctctaaa accaaaaagg taccttagaa ggtcacctgg ttggctaacc    240
ttttaaggc aggggcgtga cacgtaggac acattgggaa tgtcttggt actacatgta    300
gccttctggg atatatgtgc ccagagggag aagcactgag cctgaagaaa ctagatgagt    360
ctcagaacca cagaccggcc agaaatctct cccaccatta tatcagcgtg atacaggtct    420
acattcattt ctacaaacag gaacaagttc cttgcagcaa taatttantt tattaacttg    480
gnttttttaa ttacccttc cttttgaggt taantttcat cacattatgt tcaaanattc    540
ccatatnttc cgtaaaatta ccagcttaat tacangggca tttgttccca ttgggttant    600
tnaaaaatca ggangtttat ttaaaaaatn cctgagttct ttaagggctt ggctttaacc    660
ttttcaantt tccacctggn ccttgtnana aaccagttca agcttggaaa accaaagttc    720
tttnatttgg ngggtcantt tcttgncaac ttttttggac tttgannccc ttggacanna    780
ctt                                     783
```

<210> 4147  
 <211> 825  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(825)  
 <223> n = A,T,C or G

```
<400> 4147
ggntnttnaa acnnnagctc tngttctttt tgcaggatcc catcgattcg cccggaagca    60
tccaggatgt gggaacattg tgacatttgc acaattttta tttattgctg tggaaggctt    120
cctctttgaa gctgatttgg gaaggaagcc accagctatc ccaataaggg ttctctaatt    180
gccaacatga ttctaggaat tatcattttg aagaaaagat acagtatatt caaatatacc    240
tccattgccc tgggtgtctgt ggggatattt atttgcactt ttatgtcagc aaagcaggtg    300
acttcccagt ccagcttgag tgagaaatgat ggattccagg catttgtgtg gtggttacta    360
ggtattgggg cattgacttt tgctcttctg atgtcagcaa ggatggggat attccaagag    420
actctctaca aacgatttgg gaaacactcc aaggaggctt ttgggtttata aatcacnccc    480
tttccaattt tccgggtttc gcntnnttgg gnttncggaa tttnttnac ccatgccant    540
tcttattcaa ataaagtcct gaagttatnt tgnaaattcc ccgntcattc ggggaaatgg    600
accccttgcc ccaatcaatn gtggggnntc ttaacccttc cttnattgga aaccattnat    660
tcnacctcaa aacccctttt tnaaccnctt gnggccaaact tggttgggc accttgggtt    720
gggctttcaa ttggggaacc tttaatgggt ccaccnnaag gtgttgggaa caaccctagg    780
ggacccccca aaaaagtgga gccctcanaa nggacancca tnaat                    825
```

<210> 4148  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

```
<400> 4148
tttnaaancg ttagctctng ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
acaccctgga ctcctgcagg ggaggacaca cggaggtgga caactgcaga tacacttact      120
cggagtggca cagttttact cagccccgct ttggtgaagt gagttttcct aagtggccta      180
caaatctatt ttaattttct ttaaacttta taaataacta actggattct gactataatt      240
ttcaattaat tatgaatcta ctaattctac taattgaaag ctattatttt tcctcaattt      300
taatttagtt atgttcagat ttaagtgggt atttacttcc cctcctattt ttttaattga      360
aagaattact aaataatgtg tgatgagatt taaattactg tctcatggct ttgtgctaata      420
atttcccatc tgacaacttg taccttagaa accaaaaatg tggtagcagc aanaccacgc      480
attgtntctt tacttttgnt nnnntnnggg aaanaaactt gacccccatt ttttaatttg      540
ccttcaantt taaatggggg tgcnatgntn actttttcag cttaaaantt tttgaaaagg      600
naaaagtant ggactttttt tanaaatgga acaccctgtt attacttgct ggccacatgc      660
cgtggacttt ttannaaaca tgcttntact ggaaatttat antggtgaat ggtttgaaac      720
cggacccant cttgtgcatt ttttatgggt ttgggaatnc cntttgangg ncacactttt      780
gttaaaaaatn aa                                     792
```

<210> 4149  
 <211> 802  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(802)  
 <223> n = A,T,C or G

```
<400> 4149
tnnnntttcaa atncnaggct actngttctt tttgcaggat cccatcgatt cgaattcggc      60
acgagngnag ctcanccnat gtatnttgnc acttgggagc atcatctttn caagggccac      120
tttgagggtga aatggntntt ttacatactn agcatcaatt tggncctaaa atcaggagac      180
attcaccctt ctccacccca atttccaaca tccccctcct tgnagagaga gcactntnga      240
anccactgag cccnatagcc ctagggccta naccactatt ncaaaaangga agactttttn      300
atnactatga canacaccca nnctggantc ctctgcctgn actnaaagct ctaaccccaa      360
cctntttttc cagtgc aaac ccttntactc actaaaaatt tctntccact caaactagcc      420
tggtatgcct tccctgaacg gggcttgtgt nttcccatta gctcaacttt gcttacatgc      480
ccaggttnaa aaccccnttt cncnaggcca gacaaantgc ntnantntt tcnnacacgt      540
aaaatgaaag gctcttgngg tncntnaaaa ggcctcttan aaactattgn ggagtcnttt      600
ttnccgtttg aatccanact tggattanga ttccattgga tgaaattttg gnacaaaacc      660
ncnaacttnn naatgccnnt ngaaaaaaa atggctttta tttggggaaa atttggggaa      720
ngcttnntgg ctttaatttn gnaacctttt ttaagctgcn attnaacaan ttaaccaanc      780
accantggca ttctnttttg nn                                     802
```

<210> 4150  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

```

<400> 4150
ttntttcaaa tcgctaggct tttcgttctt tttgcaggat cccatcgatt cggaaaccttt 60
gaatagtggg tgtacataca gtttttcaga gctgggtgtt aataacaata tttttcattc 120
taatattaca ttattctttt tatcatttag gtctttatcc gtcagtgttt ttagagaact 180
actgcacttg accacaaact gataaatact tggtagtgcc ccatctcact gttctgttta 240
ctttgtctta aatatctctt ttttttttcc caggcagcta gtacaccact gaatccttta 300
agcttttcagt gtgaatttgt aaaactcagg attgaccttt tacaagcctt ctctcaactt 360
atctgtactt gtaatagcct gaagacaagc ccaccacctg caattgccac aacaattgcc 420
atgaccttag gaaatgacct ccagaggtgt ggtccgcac tccaatcagg catgtcttaa 480
ctttnagtgc attttttatt tanccctttt aaaggntttt caaattttan natgaaaagt 540
ttgnaaaatt tnaaaatcag ngggtttgaa ctcanaacat ttttcataaa atgtttaatt 600
cactcaactn gncnnggctt aaaaaaata gctggatggg gttattanga aaagataaaag 660
tggtttcatg gtaatctcaa tggggggcta ccataattta ttttaagag aaangnncng 720
atttttttaa aaaccttgga naangtttat aacttaaatt ntttnatngg aacttgaaaa 780
ccctaaan 788

```

```

<210> 4151
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

```

```

<400> 4151
tggnnccnna agccctttgc nacttnntct ttttgcagga tcccatcgat tcgaattcgg 60
cacgaggagt tcaactgcaa catccgggca ccttcaaagc agatggctctg gtgcagccgt 120
cctcgtagca aggagagggc cgtgggtggg gcctgggaaa ggcggtctgat ggtgggtggg 180
gatgcacccg agagcatcca gtttgtgctg gatgaggact cctacctggt gcctgagctc 240
gatggggtcc gcatcttctc ccgcagcacc cacgagttcc tgcattgagg tccagcggcc 300
agcgaggaaa tcttcaaaat tgcctcaatg gccccgggg cgctgctcct ggaggctcag 360
aaggagtatg agaaagagag ccagaaggcg gacgagtacc tgcgggagat ccaggagctg 420
ggccagctga cccaggccgt gcagcantgc attgaggetn caagacatna nccccaacn 480
gactncccaa aaaatntn gnccangggc cttcttttgg aaagggtttc ctggacagat 540
ttccaccgga aaagcttnt gcacattgtg tcaaggacct gcgtgtgctc aatgctgttc 600
gggactntca cattnnggat cccgttacct attgccaatn taacagggtta ccttcaagt 660
ctgctggaag gctctgttgc ggaaatttac ccctggcacc caatttccaa tncctgcnct 720
ctaactcagg ttacnngact ggccct 746

```

```

<210> 4152
<211> 742
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

```

```

<400> 4152
gnnnttttna natacagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggcaaagt tccattttgt tgatctcgca ggatctgaaa gactgaagcg tactggagct 120
acaggcgaga gggcaaaaga aggcatttct atcaactgtg gacttttggc acttggcaat 180
gtaataagt ccttgggaga caagagcaag agggccacac atgtccccta tagagattcc 240
aagctaacaa gactactaca ggattccctc ggggtaata gccaaacaat catgatagca 300

```

tgtgtcagcc	cttcagacag	ttttatg	gaaacgttaa	acaccctgaa	ggccaat	360
cgagctagaa	atatcaagaa	gggtgatg	gtcaatcagg	acagagctag	agcaaatc	420
aatgcacttc	gtagtgaaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcntcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttgтта	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4153

gnnnntttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
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acaggcgaga	gggcaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagtg	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaacaa	gactactaca	ggattccctc	gggggtaata	gcaaacaat	catgatagca	300
tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaatc	420
aatgcacttc	gtagtgaaat	cacacgactt	cagatggagc	tcatggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agcntcattg	acatgttcat	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttgтта	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4154

gnnnnttnag	ntacagctct	tggttctttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcaaagt	ccattttgtt	gatctcgca	gatctgaaag	actgaagcgt	actggagcta	120
caggcgagag	ggcaaaagaa	ggcatttcta	tcaactgtgg	acttttggca	cttggcaatg	180
taataaagtgc	cttgggagac	aagagcaaga	gggccacaca	tgtcccctat	agagattcca	240
agctaacaag	actactacag	gattccctcg	ggggtaatag	ccaaacaatc	atgatagcat	300
gtgtcagccc	ttcagacaga	gactttatgg	aaacgttaaa	cacctgaaa	tacgccaatc	360
gagctagaaa	tatcaagaat	aagggtgatg	tcaatcagga	cagagctagt	cagcaaatca	420
atgcacttcg	tagtgaaatc	acacgacttc	agatggagct	catggagtn	caaacagggt	480
aaagaattan	ttncnaaaa	ggggtttgga	aagcttcatt	gacatgttca	tganaatgct	540
atgctacaga	ctgaaaataa	tacctgcgtg	taagaattaa	agccatgcaa	ganacggttg	600
atgcattgag	gtccagaatt	ncacacttgt	tagtgatcag	gccaccatgt	tcttgccana	660
cangtgaagg	aaatgaggag	attagtaata	tgatcatagt	nttttaaaga	aatcgaagat	720

ctcanggcaa atttttagaa      accatg atga

<210> 4155  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 4155

gnnnnnnttt	nngagggggn	tttggggggt	tttcnaattt	ttctancgng	tgagganctc	60
gaactnnccn	aaanaaan	gcgggtcgaa	ttcggcacga	gatttgattt	aaaaaaggag	120
aaatgttcac	actcagtcta	gaccacttag	gtatgcagag	ttgcatcctg	aaagcaattg	180
ctcacacttt	ccttaataata	ctccctntcc	acctttgcaa	aaccttgatt	ggcatggagc	240
ctcnactgct	tgcattgtat	acacatgtaa	taagaaagca	ttaaactctc	tggaaattag	300
gaattgacaa	gataaataga	taaggcataa	agccaatttt	tcacacatgt	ccttaggctc	360
ttgtaaattgt	gtgcctgggtg	ctgctttgac	ttncagggtc	cgggaggctt	tctctttctc	420
tcttntccca	angtgagggt	ggcaagctat	cagntctctc	agagcaaaga	gaaatggcag	480
gagaattgac	tgcgtgaacc	ccacagggcc	ggtagtggaa	aaataaatgt	ctaaattgaa	540
agggtcacac	tngtgtanat	gggtgactgtc	ntgcttgcan	cagctgagga	caccgactgn	600
gtgtagcgag	tgtcctgctt	ttcatgttca	catctggctn	aataaagaan	tcacgaagca	660
nacctngcct	tggctnaaac	cctntgngct	ggacacaaat	gactttgatt	ncaaactcaa	720
gtccttggn	ntgtcacaaa	ggacnaaccc	ctggctggga	caaaanccta	cna	773

<210> 4156  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 4156

gnnnnttttn	nnnnnttttn	nnngttnnt	gaccanaggt	aanacnnngg	gaattnctct	60
ttctgcagga	tccntcgat	tcgaattcgg	cacgaggcag	aaacaatagt	caggagtttg	120
agattnggct	gattaacatg	gtgaaacccc	gtctctacta	aaaatacaaa	aattagctgg	180
gtgtgggtggc	gggtgcttgt	aatcccagtt	actcaggagg	ctgaggctgc	attatcgctt	240
taacctgggg	ggcggagggt	gcagtgaacc	aagatggggg	caataagagc	aaaactttgt	300
ctcaaaaaaa	aataaataaa	taaaaataaa	aatatgtcaa	gccccttctc	ttcctgtctc	360
ctctcgtggt	gtgtacttga	ctcccccttct	cgccagatct	cacaggactt	tcagatttaa	420
gcaatacctg	gccaagaaac	aaaagcaaaa	tcattccatt	cccccagtg	attcagatca	480
aaactggtaa	taaaatcagg	tcgactccaa	aaggagacat	tggagaagaa	cgaagcgggg	540
tctataagga	attgcacgtg	agatggcaca	catatttatg	ctgtgtgagc	attacaatcg	600
cgttaccata	tcaagctgaa	aatgtcacca	ctatctggag	tgttggaat	gtttattggg	660
aatatgtntt	ttctctgaat	ctgctatgaa	cacgtnaatt	gggtgggttc	aataataaat	720
atgtgagact	tttcatttca	aaataaaaaa	ggcaaatgat	gtaaaaaaa	aat	773

<210> 4157  
 <211> 809  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(809)  
 <223> n = A,T,C or G

<400> 4157  
 cnaanttttc taatgctgnt tctatncngn atnctnnggt anccnacnac nnnggatncn 60  
 aattggcacg aggcttcacg agagactgac ngctatnacg ggtcgtggca cttaangagg 120  
 actntttctgg cccacagngtg tgctgatgac acatacacac ctgacaatag ctngngtntn 180  
 ctctgnnccct tttnctctgt naccancatn cacnngatct aaaacccttt ctnaatatct 240  
 atcntggntc atccttggcc atgcagngtc agagctntat gnacttnatt acncttnncc 300  
 ttngaacttn tnnnagnta cngataangn gctatctttc agctggatga tnaacgnttt 360  
 nntctgtacg nacatggacg atgntttctc caaacctcta naactataga ccagtcactg 420  
 ntacntntan ccagacatga tttnatacat cnatgagtna gnacaaaacca caactanaat 480  
 gctgtgaaaa aaatgctgna tntgatnaaa tatgaaatgc tatcgctata ttncctccnn 540  
 catangcngc ngtnntcatt tagcaacaac aattgcatcc attaaaatnt ttttaaggna 600  
 cantttggan ngcccccaa tnttgngaa atncnanggc cccaaaatgc cangtgcctnt 660  
 tananacccc ggggacccca accttttnga aaagcgttnc acaanaaggg gtnaaagttn 720  
 nanncgccctt ggccnnnaaa anaaacnggg naataacctn ggttaaccct gnnntttnaa 780  
 actngggntt ttncnnnttn aaaaaaaaa 809

<210> 4158  
 <211> 834  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(834)  
 <223> n = A,T,C or G

<400> 4158  
 ctaanagttt cntaatgctt ncttctaata nentaattac tcaggngngct cnannnaaca 60  
 ggcgntgngg ncnctcaccg actcctccct ggtncacang cttntgnggg gccaccaagc 120  
 cctnctgng cccctccca tccatantgc atggcgngtg gngccccnt ggctccaaga 180  
 cagatcangc ccnacttgcc ntctaccnnn atncennctg anaacgtgcc actgaatnaa 240  
 ntntgggaaa ccagaaaaga tatacattaa tttagaatc atttactatt taaatgagac 300  
 aatcaatatt attnnagaan cannnatccc aaatgagaca atcatnntta anttncaaga 360  
 tancagaagt gaccaatgtc atttnacaa acctanaaga tnnactggtn nntcaggtaa 420  
 angtagantt ttactganaa nctgngatgn atttgacttg tgcttttgta ncnntnntnt 480  
 nccttacttn tttngntttc catancttan taannatgca ttactttnac tggatataag 540  
 mnnnaccctt naaaaggggc tttctnttag ctntacaggt nnacaatnat nctggngctc 600  
 ttgacncatt tgnnacttan ntnccttann gcttttnagt ataantttcn aaancnnggc 660  
 cntttagctt ttncntnagg ncanttnacc cccttnttaa aaaaangnnt anttnngcc 720  
 nnaaatttgg ncntgaatct ttctccannn tcggcttttc cantattttt ataaagcctnt 780  
 gganaggngc ncaaantggn tttggngctta anttccntat atacttanct cncg 834

<210> 4159  
 <211> 814  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(814)  
 <223> n = A,T,C or G

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<400> 4159
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tnnctcnaaa nanatnggtt tgnggcctgg ggcctttcta gcctgagctg gtgacctggg 120
catctgcacc ctaaccccag ctgaccgagt cagatctttg tccagtgttc tgaagatcaa 180
atgccgtgcc cttttgcaat ataacaccag ctgcttttag tccacagcct ctgacatgcg 240
atttgaagac acgttttatg gagcagacat tatccaaggg gagagaaaga gacaaagagt 300
gctgagctcc aggtttaaga atgaatatgt ggccgaccct gtataccgca cttttttgaa 360
gagctctttc canaagaagt gccanaagag acagtagtct gcatacatcg ctgcaggcca 420
cagagcactt gggttggaag agagaagatg aaagggacat ccttggggct gtgcccgtga 480
gttttgctgg cataggtgac aggggtgtgtc tcttgacagt ggtaaatecg gttttcagag 540
tttggtcacc aaaaatccaa aataccccca atgaaattgg acgcagcaat cttgaaatca 600
tctctaagct ttgctttcac tttgtgaacn agttgncctt ctattgatcc caaaagaaag 660
ttttctaagt taaaaggaaa ttccatangt aatcaacccc acnagggaaa aaccacttg 720
ccacaataag gaaggccggg tcccccttg gtgcenggtt taangggccc cntgtaangg 780
naaacacnac cggggnacct ttttttttn taat 814

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<210> 4160
<211> 775
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G

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```

<400> 4160
tnnnnttttg aaanntttcc taatgcantn gngaaacttc tnaaacntg gcaatngctc 60
tttctgcagg cagcccagcg atncgaattc ggcacgaggt tagagtaagt aaagatatng 120
ttaagaaaag tacttaaate caagaaagag agtcaacaaa tatttataacc attctctcat 180
taagtgcacac tggttccata aatttaaaga cagcgggttc cccatatcta tggntntgca 240
ttccatggnt tcagttacca cagtcagcct ctgtctgaaa atattacatg gaaaattcca 300
gaaataaaca attcataagt tttaagttgc atgccgttct gagtagcttg atgaaatctt 360
acaccatccc cctccatcca ggctagtaca tgactcatcc cctngtccag catatccaac 420
actgnctatg ctacccgccc attagtcact tagtagccaa ctcggttatc agatcgactg 480
tcatggnatc atagtgtctg ngttcaggta acctttatct tacttaatatg tgaccccaaa 540
tgcaagaatg acataatggt ataacnggnc tattnnatca ttaggnaatg gnantagnct 600
cttactgggc cttaaattata aattaaatcn atcatgggca tatatttaga ggaaaaaacc 660
atggggggacg taggggtngg nccnatnngg ggggtcaaan atccactggg aagnctnaaa 720
aacatanggn ccngaggaaa aggaangagn cccggaaacc ttnaattntn cttaa 775

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```

<210> 4161
<211> 817
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(817)
<223> n = A,T,C or G

```

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<400> 4161
gtnnnctttc taatggcttg gctactcgcc ttctaatttt ctaatncttg gcnactcggt 60
ctttctncan gnaccnntcg ttncgaattc ggcacgaggg aaggagggtt taaggaagag 120
actgtggaca gaggtgttag ggaagggtgtc agagaagggt aaggagccaa catggatcat 180
gggggtggta cagtgttgcc agggctgggg aggattggct gcagtgtggg gtaccagccc 240
gctgccatgt ggagagggac ctgtcactcc tgctgtgaac tctcccttct tctgccctct 300

```



gacctcctgc	tgggtgcctcc	c	gctaa	acacagttga	tggccagtgc	a	gggagc	360
tgttcttggga	gcccacaggc	at	gcttct	tggcacagag	cagacaatgg	at	gagtcn	420
ggagggaagg	gaactagaga	at	acccaagt	cccaacccca	ngcgtttgct	gaatgtgtct		480
aatcttcctt	ttctacaaac	ccatctgacc	tctnccccctc	ctctccacgc	caagctaggt			540
cccaattcctt	cctcaagctc	cactccttcc	accctgtaat	ctttntatc	accctnccct			600
cctnaacacc	ttgggtccgg	ctttacaagn	ttccnttccc	gngacttagc	cctttcccn			660
acctttgccc	aancaaattt	tacttcttta	aaaaaagggtg	gcttgggaanc	ctaaaagaca			720
ttantccaan	ggttaaaggc	ctcccttttt	ccttttatcc	ccaaatcaaa	aaccctttta			780
aggctctttt	ttcattcaaa	attttaaaaa	ccccnct					817

<210> 4162  
 <211> 871  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(871)  
 <223> n = A,T,C or G

<400> 4162								
ttttcccnaa	annngcntng	gctacnctgc	tttcaaaatn	ttcanatccc	ttggcaactc			60
gccncnnnac	gcacaagaan	tntgngttgg	cgttcttgag	gagctnagcc	ttcgctcctn			120
aggatcacag	gcttncatgt	tgaagctggc	agtgtctagag	gctannncct	atctgngtga			180
cagcatttna	natntancag	gaccgacttt	gangttncca	aatatntata	ggcannctgt			240
aaatcatnac	accgtntgcn	atanctctct	tcanncctctg	tctnncctctt	ntaactgnag			300
caaaagtctt	ttctcangca	acaacnttcn	tnntatecctn	agnagnnat	actgtgttcc			360
tnnncatggt	cggcgaacgc	tattacgnct	gactncacnc	acncacntga	catngaccn			420
tatnncaaac	nngntangga	aaagctanat	gtctgnangn	tgctnnncgc	ttgangantg			480
ctaanagcnc	ttmagancat	ccattanctt	tctnnangct	tgangtttta	nggctnatan			540
nnctntggaa	nttangtatt	ctgggnatga	ccctncatng	cttntnanac	tattnaatcc			600
agacctcgan	cnntanncct	ggaangtncc	ncancnnaan	nantatecctt	ggggaacngg			660
nggtactgna	ctntngatca	anccnaanan	ntggngantga	nccanttggn	aaattgaatc			720
cntaatctnc	ccctgggcaa	cnnannggng	gcttgcttna	aananntgga	accnnannat			780
gcccgtcaaa	ncttccttaa	ttancctnng	tanactgcn	ctggcanntc	tnnatanggc			840
naattccana	agmnntgant	nttattcacc	c					871

<210> 4163  
 <211> 829  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(829)  
 <223> n = A,T,C or G

<400> 4163								
tttctaaatg	gcttgggnnn	cnnctctgac	caccgaaaac	gnntggcaac	ttncctctttc			60
tgcangancc	catcgattcg	aattcggcac	gagataatth	ttttagtttg	tttttgagac			120
tnctctgtca	cccaggctga	gtacagtggc	atgatcatgg	ctcacagcag	cctctcaacc			180
tccctgggct	caggtgatcc	tcccacctca	gcctcctgag	tagctggtac	cacagggtgtg			240
tacctgggta	atthtttggg	gtttcttata	gaggcaggat	ctccttatgt	taccacacac			300
ggtctcaaac	ttctggactt	taggaatcct	cctgcccccg	cctctcaaag	ggctggacag			360
gtgtgagcca	ccaggcctgg	ccccaaagctt	gtacagcagc	atctgccccca	ttatacctct			420
ggcactcagg	cagtgatgcc	tcttggccct	ctggcaaagg	gagcacactt	ccgttagttt			480
tgtatttgta	tggactttta	tacctatgac	gtttctgggt	ctgntaatct	tgthtttccg			540

actgattgaa	actttcatct	gtatcaa	ttgggngtt	ttcttagaaa	gcttggtg	600
gtgaaagggg	ggcaaaaaaa	gaaaccaa	ngttctgaaa	gttcacctct	gaattgca	660
accacccctt	ggtanaaaga	atgggaatca	atnggaatgc	cttggccnaa	tttttgnanc	720
cnnttttttt	ggcaaagnaa	aangggatcc	aaaaagtgga	aaccgggaaa	aaanccttgg	780
ggnaaacctt	ttgggtnggg	aaanggggtt	gggtngnacc	caattccna		829

<210> 4164  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(797)  
 <223> n = A,T,C or G

<400> 4164						60
tcnccctttc	caaaaagcnt	tgggnnnecn	ncnttctaac	tttccnaata	cntgggcaac	120
tcgctctttc	tncangcagc	nnntcgttgg	cgaattcggc	acgagacttt	caacatttca	180
tggatagaat	aagtaatggg	gggttagaag	aaggaaaacc	tggtgatcta	gttcttagct	240
gtgtggacaa	ttttgaagct	cgaatgacaa	ttaatacagc	ttgtaatgaa	cttggacaaa	300
catggatgga	atctgggggc	agtgaatg	cagtttcagg	gcataacag	cttataattc	360
ctggagaatc	tgcttggttt	gcgtgtgctc	caccacttgt	agttgctgca	aatattgatg	420
aaaagactct	gaaacgagaa	ggtgtttgtg	cagccagtct	tcctaccact	atgggtgtgg	480
ttgctgggat	cttagtacia	aacgtgttaa	agtttctgtt	aaattttggt	actgntagtt	540
tttaccttgg	atacaatgca	atgcaggatt	tttttcctac	tatgtccatg	aagccaaatc	600
ctcaatgtga	tgacagaaat	tgacaggaagc	agcaggagga	afataagaaa	aaggtagcag	660
cactgcctaa	acaaagaagg	tatacaagga	agaggaagag	ataatccatg	aagataatga	720
aatgggggat	tgaanctggg	atctgaggtt	caagaagaag	gactggaaaa	aatttttcaa	780
ggcccagttc	cagactttac	cttgaaggga	attaccaagg	ggcattacac	aaatttccaa	797
aaaaagcang	aagaatt					

<210> 4165  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 4165						60
tnnctttcta	atgttttnna	atgctgggtac	cctttcaaan	cncttngcgc	cagaatgggt	120
ccatggctgc	tgtgaatgga	cacaccaaca	gcttttcacc	cctggaaaac	aatgtgaagc	180
caagggaagct	gcggaaggat	tgaagtcaaa	gaattgaaac	cctccaaacc	acgtcatctg	240
attgtaagca	caatatgagt	tgtgccccaa	tgctcggtta	cagctgctgt	aactagtctg	300
gcctacaata	gtgtgattca	tgtaggactt	ctttcatcaa	ttcaaaaccc	ctagaaaacg	360
tatacagatt	atataagtag	ggataagatt	ctaacatttc	tgggctctct	gacccctgcg	420
ctagactgtg	gaaagggagt	attattatag	tatacaacac	tgctgttgcc	ttattagtta	480
taacatgata	ggtgctgaat	tgtgattcac	aatttaaaaa	cactgtaatc	caaacttttt	540
ttttaactgt	agatcatgca	tgtgattgta	aatgtaaatt	tgtacaatgt	tgttatggta	600
gagaaacaca	catgccttaa	aatttataaa	gcagggccca	aagcttatta	agtttaaaatt	660
aagggtatgt	ttcaagtttg	tattaatttg	taataactct	gnntaagaaa	aaatcaaagg	720
accatgattt	atgaaactaa	atgtgacata	attttccagt	gacttgntga	tgtgaaatca	765
gaccacggac	cttcagtttg	nacctattgg	ctttggaatc	aaccg		

<210> 4166  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

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<400> 4166
ntcttttctaa ttacttatnt gtcattggaac tcccactntc tcnacnnanc naggcnntgn      60
cgaattcggc acgaggcaag agatttcaca gacctgatng tttttnatga agatcgtaaa      120
accccaaagt gacttatntt gagtcacttg ccaaattggc caactgctca ttttaaaatg      180
agcagtgttc gtcttcgtaa agaaattaag agaagaggca aggacccac agaacacata      240
cctgaaataa ttctgaataa ttttacaaca cggntgggtc attcaattgg acgtatgtnt      300
gcatctctct ttctcataa tcctcaattt atcggaaggc aggttgccac attccacaat      360
caacgggatt acatattctt cagatttcac agatacatat tcaggagtga aaagaaagtg      420
ggaattcagg aacttggaac acgtttttacc ttaaaattaa ggtctcttca naaaggaacc      480
tttgattcta aatatggaga gtatgaatgg gtcccttaag cccccggaa atggatacaa      540
gtagaagaaa aattccattt attaaagtct gacagaatga tattgnattt gctgaacaag      600
cctatctttg aactntggga aaaattattt tttgacagna atactctttt caaaaatggg      660
catttgcttg atttccanaa acctttcnog ttctgggacc gaattacca aatgcccatg      720
gaatttccca ctgggggggtt taatgttnaa aantccaan taaaagttt ttttcg      776
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<210> 4167  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

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<400> 4167
tnncttcaaa ctttcgctct tggctttttg caggatccca tcgattcgaa ttcggcacga      60
gagttttgga tgagacttgg tatggtccat tctgggacaa aattcctctc tctctctctc      120
tgcggaacct tgaaatctag aaaataagtt atttgcttct aaaatacagt gatgggacag      180
acataggata gacattccca tttcaaaagt gagaaattgg gccagggtga gtgggtcaca      240
cctgtaacct cagcacctgt aatccttagct ccccaggcgg ctgaggcagg aggattgctt      300
gagcctggga gatcaagggt gtagtgagcc atgattgccc cacctttatt ggaaactttt      360
attccagtta ccaataacac attcctcatt tcctccagag acctcaccag aaacaccttt      420
aatattcata tttctagcag ctttctgttc ataacaatat atgcatcctg ttaagatgat      480
aggagatttc tctgcacctc tcctctttgt gagcctgcag ggacattccc tttaatgtcc      540
atatttctac cagcagtctc ttcaaggcag tctaggtttt tcctaacata cacctcaaaa      600
ttcttgagc tttggccaag cacagtgcct nacatctgna atcctaacac ttttgagagg      660
ccacatggac aagatgcttg agctcaggag ttcaagacca gcccgggcaa catatgaaac      720
cctgccttta aaaaaatcaa t                                     741
```

<210> 4168  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(789)  
 <223> n = A,T,C or G

<400> 4168  
 gnnnnntttt nnnnnntttt tggaaancct tnnnnnnnnn tttcnaatnc ttgggcnact 60  
 cgttctttct ncaggcagcc catcgatncg cctttattca ttttactgt tatccagaat 120  
 tccattatat gaatatgcca taattttaaa gttcacgtta ctattgttaa gtgtttctaa 180  
 actggaaatt actccagaca atactatgag cacacctgtc tgtggctttt gatgagcatc 240  
 tgaatgcagg ccaaacttgg cctgccaaac agtttctgcc gttgtttgta ccagttcaca 300  
 ctccctgcca aacagtttct gcaatgtttg taccggttca cactcccacg gcagcacatg 360  
 aaagctttat ttgtccata tcctctcaa tttagaaata attacaaact tatgtaaaag 420  
 ttaaaagtac tatacaaata attttatgcc tgaaagttgc caagttcatg ccatattact 480  
 tctaaatatg ttagtggtg ttttctacaa acaaggagat tctcctgtgt accagacagc 540  
 agtcatcaaa gtcagagaaa ntaacatcag tacattgctg ncatctaag cttactccta 600  
 ctcaaagttt cactantttg cttccaaaag tgtcctttta tggcaggang gatcanaant 660  
 aatgtatagg ccaagcaciaa ngccctggaa tctggaaatc ccagcacttt tngggaaaac 720  
 caaataggaa gggtgccttg gaactcctga cttaaggcga nncanccaac ttaaaccttc 780  
 ccaaagngg 789

<210> 4169  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 4169  
 gcttggctct tgttcttttt gcaggatccc atcgattcga attcggcacg aggttttggt 60  
 actaaaggcc gagactgttg tggcgacggc gacctctacg gcaacggctt aagctctcgg 120  
 aggagtggca gactacgatc tgaaggaggg gcttctggtt agcccagggt ccatcataat 180  
 gaatggatcc aatatggcaa atacatcacc gagtgtaaaa tccaaagagg accagggggt 240  
 aagtgggcac gatgaaaagg aaaacccatt tgcagagtac atgtggatgg agaatgaaga 300  
 ggatttcaac agacaggttg aggaggaact gcaggagcaa gacttcttgg accgctgctt 360  
 ccaagagatg ctggatgaag aagaccaaga ctggtttatt ccctcacgag acctgcctca 420  
 ggccatggga cagttgcaac agcagttaaa tggactgtca gtcagtgaag gtcattgattc 480  
 tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc aaggagttaa ttccaggaga 540  
 gaagtactga gccgagaaaag ctttgaggaa gacttgtctg tccccacatc tggggatagt 600  
 aatgcacaaa atggtggagc ttaagaaggg gatggggccg gccaaagggt gcacancggg 660  
 aaagggantg gtggcttaca atactgggac tctgagtact aatatgtca gtcttattct 720  
 aaaaaaaa 728

<210> 4170  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 4170  
 tctaaacgct tggnncttgc tctttctnca ngnanccnnt gcgntnccgaa ttcggcacga 60  
 tctagatatt gcccaatcgc tgcccacagt gcacatacct ttccaccagt cacatgtgag 120

agggcagatt	ttccaaatgc	tcaccac	ttggcactgt	gtggactata	ctggcca	180
gtaggaaat	ggcatctcat	gttttcac	ttaatttgcg	tcagcctgat	tactcattga	240
aacttgtgag	gttgagaaac	ttttcttaag	cttattggcc	attcaagttt	cctcctttat	300
gaaatggttg	ttcatgtcat	ttgctcattt	ttatattaga	ttgtttttct	ttttccagc	360
tgacttgtag	gaactctaca	tcttatcaat	attaatcatt	tatcgaaaac	tatttgggtg	420
ccattatctt	ctcctagtca	atgttttttg	tttgtgatat	cttttataat	atataagttt	480
ttaatgttgg	cagaagtaaa	gttaatcttt	ttggctgtgt	tgtgtgtctt	gtttgatgta	540
aagatagttt	ctgtaatagt	tttgcaagttt	gattgntcat	ctttaggtct	tcaattcaac	600
ctgcacatcc	atcccctcta	tcctctttct	tactctgttt	ttctccatac	cacttatcat	660
ccaataatat	ggtcatgccc	tttattnacc	ngntttgcat	atataatttg	gcttgnccc	720
ggttccttcc	ctana					735

<210> 4171  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 4171						
tanacnnatt	ggtnatgatgc	ntgggtgctgc	ctgcgctgcc	ttaagaagct	gagactcaca	60
caagtgttaa	gagggatatct	ctggagacan	ngtagagata	gaccctgtta	cgaatcagag	120
ggccagcact	aagtttttga	ttaagcagaa	acccatctna	atcgattccg	acctgctctg	180
tgccctgtgac	cttgctgaag	agaaaagccc	cagtcacgca	atatttaaac	tcacgtatct	240
aagccaatca	cgactatnaa	cacctctact	ttgaatcgga	cgctgctacc	cgatcaatgaa	300
attgtgctca	aggtttaacta	catcctggaa	tcgcgagcta	gcactgcccg	ggctgactac	360
tttgctcaaa	aacaaagaaa	actgaacaga	cgtcgagctt	cagcttccan	aaggagaaaag	420
aaaatccggg	cagcagttga	caactggcctt	cagcctnaat	ctgttcccgt	agcttnagaa	480
ccttgccctgc	cagggccaag	tgccctagag	cccaccccgg	tgccctgaan	tcctnggggg	540
ggaggccagc	cccctgggct	tactgggcac	anggcaagtg	gggctctcng	gggaaagggtg	600
tctgggngcc	cccttangaa	gggaancgct	ggggacattt	gccattggga	ccggaaagtc	660
ttgggttggc	anttggtctt	ngataancca	tgctttgngg	gtcnagacca	ccnccctaaa	720
ggagccacgt	ggccngccaa	gccaccttaa	ttgcctggca	cctggcccng	gng	773

<210> 4172  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(797)  
 <223> n = A,T,C or G

<400> 4172						
tnnnngtttc	ctantnnntg	ggctactcgt	tctttccgca	ngatcccntc	gntncgaatt	60
cggcacgaga	ggcagtgact	gccttcggct	ttttttctgc	tgactaagat	ctcctataga	120
gagctacaac	aatgccc aaa	agaaaggctg	caggtcaagg	tgatatgagg	caggagccca	180
aagagaagat	ctgccagggt	gtctgctatg	cttggtgcca	gttacacca	gaagtgaag	240
ccctaaaaag	aacatcaagt	tcaagggaaa	atgaaagaca	aaaaagtgat	atgatggaag	300
aaaacataga	tacaagtgcc	caagcagttg	ctgaaaccaa	gcaaggaagc	agttgttgaa	360
agaagactac	aatgaaaatg	ctaaaaatgg	agaagccaaa	attcagaggc	accagcttct	420
gaaaaagaaa	ttgtggaagt	aaaagaagaa	aaatattgaa	gatgccacag	aaaagggagg	480
agaaaagaaa	gaaccagtg	cagccagaag	taaaaaatga	agaagaagat	cagaaagaag	540

atgaagaaga	tcaaaacgaa	aaagggg	aactggaaaa	gaagacnaag	aaaaang	600
ggaagaagat	ggaaaagang	aaaaatgg	aatgagaaa	ggagaagatg	aaagagaa	660
agaagattgg	aaaaaaggtg	aagacggaaa	ggaaatggag	aagatggaaa	agagaaaggn	720
gaaagatgaa	aaagaggaan	aagacngaaa	ngaaacngga	gatggaaaga	gaatgaagat	780
ggaaagagaa	ggagttt					797

<210> 4173  
 <211> 813  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(813)  
 <223> n = A,T,C or G

<400> 4173						
tntctctacn	nanntcgnga	acccttgntc	ccacgaccct	cgtnccaatt	cgggcacgag	60
gtgtgttctg	tgggaggggtg	tctgtggtga	tgtgactatc	aggggtgggcc	tgtgctgggg	120
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatggggg	gtttgagggc	180
tatgggtggc	tgttggtgtg	gggagggcatc	ttgtgtatgg	ctgttgggaa	cagcaaccaa	240
aaggtgcttt	ttggttttat	ttgagatcaa	gattgtgttt	ccgcttaatt	actagtttgt	300
ggtctatatc	atagaagtta	tttcccaccc	cattttatct	tgacaaccgc	tgtttgcatt	360
tctgtaaaac	ttctacaact	tctggtgtca	agaactgtcc	agaagatggt	actgttaact	420
ggtatttcct	ttgatgtttt	gattttgaaa	gtttactctc	atgcaaagt	ttcangcgta	480
catacatagg	cagaaagcaa	atttttagg	gatttgtctg	tntcttggat	gaaatttaaa	540
gcaagcttta	atggtctgac	ttgntcattt	gaaatncaaa	aaaagtaagt	gaaatttaat	600
ggtttngcat	taacctaaag	gaaatcttga	agattnatgg	ttgaaggaaa	ttggtatggg	660
ccatgccctt	tgggtggaaac	cccngaaant	cnttttttaa	gtttaaaaat	tgaaaaaaag	720
ggttttttaa	tttgctttgn	ggccgtgttn	taaaattggg	acccccatt	tttanaaatn	780
attttttttc	ccgtcttccc	ttttacccaa	cna			813

<210> 4174  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 4174						
gtnnnnnttt	tctaatagct	tgggatactc	gttctttccg	caggatccca	tcgattcgaa	60
ttcggcacga	ggttctcagg	ccttccagg	agtccccttc	ctggacttaa	gagtgc aaac	120
tcttctctgt	ggttctagcc	ttgggcagaa	ttatatccca	gagaccacag	agcaactgtc	180
aagctgctta	ccccctcacc	cagggtctaca	gcctgtgccc	agccctctaa	tttgtgcctc	240
tcttgtgttg	gggggtggtg	gggttattcc	tttccctttc	ctgctctggc	ctccttgaaa	300
gttcagagta	cccagtacaa	gtcagcttta	aagtacagct	tttagtggtt	cctgggttgt	360
ttctctgggg	cttttagtgag	ggacctttgc	cctctgggtt	ttcttgccctc	ctgggtttang	420
gagcatctca	cacttgtag	tatctggttg	ttgggcccagc	ccgtgcctnc	tctagatctg	480
gagccaggcc	aggcaggggc	cacgtgtggg	ccagtcagcc	actacaagat	tttgctaagc	540
tttgggctgt	tggcagcatc	ttggacctca	tgccgtggcc	tgaatgangc	tctttcttaa	600
gtgggttttac	aaagtgtggg	ttttatttat	ggagtgactt	accccttcca	ttcagagcag	660
cccaccagc	cagcccttna	accttntggg	ctcctgntgc	ttaaaggcaa	accgcctggg	720
tgggctccac	cctgtgcatt	gggaacccaa	ccacccatgc	tnaccggnat	ttttcctcat	780
aaaagt						786

<210> 4175  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (785)  
 <223> n = A,T,C or G

<400> 4175  
 tctaattgtn gaaanccttg ttctngacca tcccgggctn atgcttgggc acgagagatg 60  
 ttcttatccc caagagctgt ataattccag acagaggagg caggcagaca cctctataga 120  
 ggacttagaa acgactgttg tgagacacat tcagtgtctca ggatggcaag tgtagtatac 180  
 cgttagaaag aacattcctt tgggggtgtg cctaggaagt tttccagatt tttcactagc 240  
 gtacatctaa ggaaaaccgt aaacacagag ctgcccttta ttccctccac aggaagaaat 300  
 gtacatcttc atggagtact gcgatgaggg gacttttagaa gaggtgtcaa ggctgggact 360  
 tcaggaacat gtgatttaggc tgtattcaaa gcagatcacc attgcatca acgtcctcca 420  
 tgagcatggc atagtccacc gtgacattaa aggtgccaat atcttcctta cctcatctgg 480  
 attaatacaa ctgggagatt ttggatgttc agtaaagctc aaaaaacaat gcccagacca 540  
 tgcctggtga agttgaacag caccctgggg acagcaacat acatggcacc tgaagtcac 600  
 actcgtgcc aaagaaaggg ccatgggcgt tncggccnac atctggagtc tgggggtgtgt 660  
 tggcntagan atggggactg gccaaaagcn cttggcatga ntattgannc cacctttcaa 720  
 attatgtata aanncngggg atggnaccta aannccccca atcccnngnan anaattaaac 780  
 ccctt 785

<210> 4176  
 <211> 848  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (848)  
 <223> n = A,T,C or G

<400> 4176  
 cnnnncgnnn nnnncnacnan nnnnccggnn aacnttcnag gccnttnnaa ntcccnnttc 60  
 naangcttgg cnatcgntt tcnncangna cncngcgttn cggttggaga aaccaagctg 120  
 accaaaacat ggtccccacc ttttgagct tacagtctgt tctggggaac agagattcag 180  
 ccagnagtca agaaacactg gatgccagct agattatctg ntctgtgctt tgggtgtctat 240  
 aagtacatat gtggatatgg gttcatttta tccctaaact tagtaccaa ccagcattta 300  
 atatctaatt ataaatctaa tntggcctaa actttattat tgcacactgc ctgaacaaaa 360  
 cctatttgct tctatgtaaa ttntttcctc atggaacaag ggtgtgaaat gaaaatattt 420  
 taggatttat tcaaaaacag actattctgt tttcagcttc agaattgttc tttgaatcct 480  
 aaggaacctc tgtcaacagt ngaggcngct gttgaaaaga aagaaganng aggcngaaat 540  
 ctctcangga gaattatttc ccnttctntt ctatttcaga tacctggagg ggtggggaga 600  
 ngtaagaatt gtaggggagg atcannnctn ggggaaanct gtgaccagct naatgaanga 660  
 atgatgattg aaanaaccct cttgcatctc tnagntaccc ttngcncntcc cttnnacca 720  
 ntgggtataaa atntngggcn tngggcaacc actgaccatt tgncaangcc ttaattggnc 780  
 cccaaatatc cnacactggc ccnagancct taaangtctc cagcaccoga cncnntnana 840  
 anncgnnc 848

<210> 4177  
 <211> 836  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(836)  
 <223> n = A,T,C or G

<400> 4177  
 ttctaaanan ntttgggnnn gtgnncttct aatttttcnn atacntggcn actcgnactn 60  
 tctnnangna gcnnttgngt tngcgaattc ggcacgtagc tgagcacctc gtctctataa 120  
 aaacaaaaca acaaaacata aacaacaaca acaaaaaact atgtgatagg catttgttta 180  
 ggcactagaa aatagtgtc aaacaacaac aacaacaaca aaacatgatt ctgtgtctcaa 240  
 agaatgcaca atgttgggga aagacaacta aaaagtnata aaacataaag tttgaaggat 300  
 attatgatag angaatnata ggatacgttc aatcatttga aattcntgaa tgtcatcctt 360  
 ttgggtggag caccgagagg gtttgtgaaa aacttcccac ataaagnaat ntaancnatg 420  
 cattnnntaa aaatactnat gtnttttnaa aaatgaatat ggcaaataa ctgtnctgcc 480  
 tancatntga tnaaggmntc acttttccat nccnanggna ttagcttatn nnacttcana 540  
 catttcaaan gtggaaaaga ctcancanat tcaaagcaac cattcttgta aagtttaatt 600  
 tcntgtgan tcgttcanaa tttnaatnct tgggaaaaat gaacctgcaa taagaanaaa 660  
 aattggtttc actttttcaa tnggggttaa aggtttcttg acttcacca aagtggcttt 720  
 ttncaaatgg gggggncccn taaaancaa tatttaatga nggaacttat ntttgcggtt 780  
 tagcnctngg gggnatnctt ttgncaaaag gtttaaaaag ccaattnggn aangnt 836

<210> 4178  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 4178  
 cttncttttn ncctnaagtg aaatcgttcg gtttancctt tngcaggatc ccatcgattc 60  
 gaattcggca cgagcttagt tccacaaata attattgatt tgtttaagcg tgatgtatgt 120  
 gcttgctcaa ggaattagaa gatgagtatg acaaagctca ttccctcagg gagttgagtg 180  
 tttcagaggg atgaagtaaa agaagatttt aaaactacaa gtagagtgtg agaagtatca 240  
 cgagaaacat caacaaaggg ctgaggatag aagggtgataa gtctcaagta tctcaagata 300  
 ttcagcagtg aatcttaaca taaatttgct tttaggggaa gaatttcaag catattgata 360  
 ggtcttaaat tttctagtct ctctgggata gtaggaagga gaatgatttt taaaaagttg 420  
 attatgtagc atggagtttg gggactagta aaaattttat tgaaattatt tgggaattgt 480  
 tttacagttg tttttagtgg aggttgatt tctgaaaata ttgcatttta gtgtgatgat 540  
 ttactaaaga agtagcagg acttattcta aggtaggaga tagaaaaact aataagtaaa 600  
 aatctgctag caactttaaa tggctgtcaa acttttttta atgattaagt gctaattggg 660  
 ggcagatgga aattgtaaag ccagtgccan aacaattgag gtatagaagt tttttctgt 720  
 caattgctct acttttgaaa gagaagaaaa ttnganggca aaatttaagt cattt 775

<210> 4179  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

<400> 4179



tnnengttnc	ntattanntg	atngct	tggntctngn	nctttctnca	ncctatc	60
gattcgacgc	gatagcccaa	agctctgca	gtattccctc	caatggccaa	ggattccgtg	120
tgatcatctgc	aggagttagt	aggcctgctg	tatttcttgt	aactgctggg	tgttacaaaa	180
taagttacaa	tgttttacac	tttaaaaaaa	aaaaacagaa	ggaacatttg	ctttattggg	240
tacttactag	tttagcctct	aggttatggc	acagcatgct	aaaaaatcat	gtgtttaaaa	300
gtaaagtgtg	gtaaaatgct	ggcatctggt	cctattgtgt	tgatgcattt	tcacttctgt	360
ggatcatagga	aatggactgg	tctaaagaga	gtgaggcaca	acacaagcag	ggcattagtt	420
tgaataggaa	gtcaatcata	tttggtttta	tggcctgggt	tattttgggt	ttaagataaa	480
atagggaaaa	atgtcagaaa	tgatccctat	gcattttatt	catggatccc	ttaatttcat	540
gggcatgcct	aataatgatc	tatgttctaa	ctggagctta	nggcttattt	tagatattgg	600
gagtgtagct	tttattttacn	agatggattt	tatctttcaa	catttgcatt	ttgatcaact	660
tttgtaatat	tcaccgtgta	tttaaaaaata	ttggtgcact	taaaatgttt	tnccctnng	720
nttntctttt	atattgggtc	caaaggcant	ttantcaagc	anctntttgg	naatggaaac	780
tcaatgttaa	anttggcntt	gggttcaann	ggaaat			816

<210> 4180  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

tnnncttttct	aatgcttgge	tactngtctt	tccgcaggat	ccctcgatcc	gaatccgnca	60
cgagggnggc	tgccgtntnt	ggctttngct	nnaagggcna	ngttcgggaa	ccgttccaca	120
ncatcctgat	gtcctgaagg	gactcactgn	gcccattgcc	agcagtcgnc	attccctaag	180
gtgctgtgat	ccanaangcg	ggntgngaga	nattggggcc	ctaccctact	nactntnnc	240
cacaccatgt	ntaaaatact	cannntntnn	angggcnnaa	nacngctatc	tggaccccn	300
tcaggntctg	gnaacactgt	tnaaaagtc	cctttcatgt	tggcccatg	aanagaccac	360
ngaccacgng	gtacntggag	ctcgatntcg	anagttctca	agnggggaact	gaggggactt	420
ccactnctnt	gggactnngg	tcnactnncg	tgnanancgg	gacnactaca	tnntggntc	480
tttctganca	ccaccctntt	ttcacgatgg	nacntgtaga	agggaaatgc	tgganngatc	540
catcctntct	gntctcttct	tcngccctaa	atgntctgan	ncanntccgn	ncngtncntn	600
acctgnnngg	tccttttgge	cccngcnttg	ncatgantac	cngnttacct	gcatectanc	660
ctgacacnnt	ttgntcttat	cgctgcagtg	anggaaangt	gggtgggtat	ttttcccaa	720
taaagacttt	agaccctnt	tttnt				746

<210> 4181  
 <211> 865  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(865)  
 <223> n = A,T,C or G

cgtnnccctt	ttcaaagtc	cttggctact	cgcctttacg	caggatccca	tngatncgaa	60
ttcggcacga	gccaacctgc	tgccctcaa	gccccgctt	taccagcctg	tggagttcag	120
gagggcagac	atnctggcct	cctttgagaa	ctgatgggat	ctacccctg	tccacgcnng	180
acagtntctc	agaactgggt	catagaccac	ctgtgttacc	aacagccaga	tacctaatcc	240
ctgagcctnc	tttggaang	tctggggccg	agggctctgg	aatntgctt	ntttttttgg	300
gacagagtct	cattctgtca	ctgcactcca	gcctgggtaa	cagatcgaga	ctcccatctc	360

aaganaaaaa	anaagganca	atgggtg	ntagtgtgac	tggggtncca	cttcan	420
aagctgaggt	gggaggatcc	gagccct	gtaagcggag	gctacagtga	entgatgc	480
cantgaactt	ncgnctatgc	aacagaacct	gtcttaaaaa	aaaaagtaat	taanaatttt	540
aaaattcaaa	agtgggacta	ttnatnggtt	aacagaactg	nntttaanaa	tgccntaaaa	600
atgggtggcnc	catttttttt	aanaacctnt	gctggntntt	attggtnaaa	aattgnantg	660
gntcttnccn	tggccnngt	cnntnaaaaa	ttntttngna	ngggcnagnt	tttatngtna	720
attgnctcgn	aaatntgnnn	aanatttcat	tcccananna	angntnnnt	tcccttaaaa	780
nntngnactn	aattgcctnt	actgttnccc	ntnaanttta	aacnacnnat	ttntntnaaa	840
acctttttnaa	angnaaccen	nnccc				865

<210> 4182

<211> 989

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(989)

<223> n = A,T,C or G

<400> 4182

tncccttggt	gaaanccctt	tgctcctttt	tncnccgtt	tgncatncna	ttcgetcagc	60
tgaggcaatt	aaactggaaa	agaaatagat	tgaaaagata	ctntngaaga	agcagtagac	120
aagttggggg	actgaaggag	agggagccac	tgagggtgct	agctgcttaa	ggggatacca	180
gtccttttac	agatataata	gatacagctt	ctgagggtgga	gggtgatagg	agtgtgtatg	240
agaaanttgc	agnttnacaa	ctgctcntgc	ctcctnggca	anaggannan	cntttcnccn	300
nttncnnccc	ttatngnaca	cacattgncc	tgattggncn	tnccncngct	agcttncagt	360
cttnantnta	ctcannagnn	nntnggggaa	cncnctntcn	nantatgntc	ccttttcctc	420
tnncntnncc	nnatancacc	ccnctcnctt	tcctttctaa	acttncacan	ntccctgana	480
atgncttccg	aatggantct	tngaatttct	ncgccccctnc	ntcntcataa	tcnttttget	540
ntccngctc	nccctcattt	tntacgtnc	cnccttctnn	ttnactgnct	ttaaatntta	600
ttancnnct	ntncnttncn	atctncaant	tttcnnnccn	acnnntttt	nctnntnnca	660
aatcgcgna	aataagtntt	gncactcnn	ntnctanct	attntccctc	gcnnntntcn	720
tcctctcccg	cnnactcac	ntnnncnnnt	caattntntn	nnacnncnc	tgctctacnn	780
ncnatntctn	tnctncaca	ccctntancn	tntcnctcan	aatgcctttt	ctnccctann	840
nctntcnttc	ncnmatctan	ccaantttnc	tttnacatcc	cctnncnnntc	tnncccgacn	900
atatntnacc	tcttnnactn	cagngcntan	natcncccn	ttntcnctnt	cncctctcann	960
cttntnttna	tcttcatnna	tcanncncc				989

<210> 4183

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 4183

tnncctttct	aatggcttgg	ctacnggctt	ctnaagnatc	cctngtttctg	cagctatagc	60
actaggcagc	cttgcatcct	gggtgttgaa	agtgcaggcc	attatccctc	cctctgacct	120
ccaagatgtt	aggtggcctt	tctgtgcctc	agttttatca	tctgtaaatt	gggtatgatt	180
gtactagtgc	ctagtacata	aggagtgtg	caaagattac	atgagtgtct	ttaaagtcct	240
tacaacagta	tctcacacat	agtaagcatg	gcatgtggta	gttactatca	tttagtcctt	300
cttgagcaa	tgatatttaa	aattttaaag	acagttgtct	gntnaggatt	ggncatgcag	360
cctgaagttt	naaaacaaat	tgacactgnc	tgtgtncatg	ggganacttt	ttaangccct	420

ggacctnatt	agctnaatgg	gtggaan	tgnatggggc	cttttgnagg	ccnnttt	480
tnnaaacccc	naaattttan	gnttaac	cccagannct	tnattctnca	tcttaactgg	540
cctnttgga	gatatatngg	cagaagtttt	tanaagggtt	naaaagtttt	ttttgcncn	600
anaaaaangg	ggcttaaaact	tttttaattc	nnggggtngg	cgccnaaatt	tttcaataaa	660
aanntttcan	gaattattaa	nnggggtngg	atnaanngan	ttntntntn	anaaaggatt	720
tttaaanaat	ttggggggaa	gaaccnnaat	tattaacngc	taanttattt	natggcttcc	780
gacttttnaa	ngtttttnga	aanannccna	nntttattnn			820

<210> 4184

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4184

tnccctttnc	taatgcttgg	nataccttgg	tttccaatgn	ttncagggt	tnctgcact	60
ccagcctaca	tgacagagtg	agaccctgtc	tcaaaaataat	aatantaatg	nactgagact	120
cagaaaagat	gttngntcaa	ggttacaaan	ctcanacngg	acagggcagc	attggnaacc	180
aaaatnggtc	tgactcctan	gctcatgctg	naaatnacng	tgcaaggctt	ntactatcta	240
tnnttttctt	aanngaattg	ctaaatgnac	ngatgggttaa	catattacgc	agaatatgtt	300
aaacgtcaaa	tgaactgtnt	naacnataaa	tgctggagag	ttgaagtggc	caagaactca	360
tgcccnaggt	gatctgggaa	ngcctcttga	acaaggtgga	attatagctg	gtttttgaag	420
aatccgaaag	gtgcttagat	tgaaaggtga	gacatgtaca	ggaatggttt	ctaagatgtc	480
atattttatc	tctgtcctca	tcttgactgg	cactaatgaa	catcaaagat	ttnaacctaa	540
atncattgag	tgcccagnat	gtgaagggcc	ttattttatgt	aggtttttaa	gctttttaac	600
atactttaaa	agaannggac	tggttaatct	ncactgnctt	agatcccttt	angaccccg	660
gagcccgat	tggcccccag	ggngcccttt	tgggaaatgg	gcgttggtcn	gggaccaagt	720
cttnacntt	ttgggacctt	acccanaga	aaaaggaaat	gggtcccttt	gggggaattt	780
ttgccaggac	cttacaattc	ttgggaanaa				810

<210> 4185

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 4185

gnnnnctttt	gaaanccctt	ttaanccctt	gctcttgntc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggca	gaggcagggc	tagaatgttg	gacttcagat	ctcttacttc	120
tgtgtgctag	tgaccattc	ttagtccagc	acagacaatt	ctcaaacaga	ttagcaaacc	180
accctcttga	aattgcaaga	attgttacca	tgtgatcaag	gcatacataat	taatgcaaac	240
cctagtttct	agttgggaaa	gagattaaga	tgtagacttt	gtagtaaaag	atggacatat	300
atttttattca	catagcttat	ttattttgaa	tgaaagacca	agcaaactct	anccttggcc	360
tgtcctgang	aagggtgatct	ntgaaataaa	tgcnctgnan	aatttggnga	cannngnct	420
nncctntgat	ntatctgntn	ttatccaang	gttcnaatnn	tgtnccntnt	natnccntat	480
tccctnnaat	ttttnttnga	acnnncccn	natttctnta	tnngcccttt	tcttntntna	540
cnccttntac	cntttatttn	tnnaannccc	nttttctnnn	ncaatnctng	ntctntnaant	600
cntnnncttn	tnnttnnctt	ttannccctt	tnnccnttnc	cccctnnnnn	ttanaacntc	660
ctncttattt	anntctncc	tnntttcttc	tccnntttct	ttaactnntn	nnncttccac	720

ttctttacct tatatacntt	tctctn tngtattnta aactcntnt	tncctt	780
ntctnctaaa tncatcctca	nnnttagn nntcaacct		820

<210> 4186  
 <211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(847)  
 <223> n = A,T,C or G

<400> 4186			
nnnnntttnc ncccntttgc aaacccttgc ttctnctttc naattggctt ggatcgattc			60
ggggaattct ctgccttttg gggaacagtt acagaggacc tnntaaaccc ttgtttngtg			120
ccaggccccg agaccacaga gataacctgg gacccaggct ctgcccattg ggagctccca			180
gccctgtgag gaagacaggc catcctcacc cagcacatcc tactgtaccc gaagagaggg			240
cgcagtgact ctttttttgc cgttggcatt aggtttaaaa gatggttgaa cgtccacaga			300
aggaaaagga attcctggca nagggccctg cctgagcata ggcagggagg ctgagcagcc			360
acgtgtgctt gagcgctggg ttgncgaggc agcaagcggc ggctgtatgg tgttgctgca			420
gctgtatggg gaaaggggtg tgaaagctga nccaggaatc aaggctgctg gccacagacg			480
cattgatgat ggatgacgtg ctgggtggggc tgacacctga aaaaaaangg tgtcaagttc			540
caaaacaang gcctggcata caagtanggn ccacaaggga gaagcatgag ggaaatggct			600
tngcccgctt ggggntccct ggganaantn ancaattntt cngnatgnnn aaggnnchnaa			660
tnnnnanaac nnnnnnccnn nncnntnnnn annnnnnnnn cnaaannncn nnnnanncn			720
annntnnnt naanattnnn nntntnnnnn nnnnnntnan aannncnna annnnncnt			780
anctnnnnnn nannnnccnt tnnctnnnn anaanngnn ntnnnnnnnn nnaannnac			840
ccccnc			847

<210> 4187  
 <211> 884  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(884)  
 <223> n = A,T,C or G

<400> 4187			
cgcttggttt gagcnmctna anccttccca tgcgatncca attcggcacg agggacagtg			60
ggcctggccc gtggagctgc cacgcagggt cctgagggcn nngtgccacg cagggtgtctg			120
aggaccaggt gccacgcagg tgggtggggg acagacaaga tgctgggatg tcccctgccc			180
catgggtcaag ggtgtcctgc ctgcctgggt ccagggcctg agggagccac atggatcccg			240
agacttgtgt tctcttgctg aaaacactga ggtgtcctga tctgtgcgtg gcccatgagc			300
tgggatggtc ctncagcttg ccacaaaggt ccgnccctct gtctcttgca ccaacctgtt			360
tgcataaaca cactttgcta caatcttgct agtgcgtttt cttaaaagat aatctattta			420
ctgtaaaaaa taaattggac tttgcaaaag cttttagaag gaaaagaaag aggattaaag			480
agaattgctg gtgaaaaaaa aaaattccat aaaaaaaaa aactgggaan ccttttagaa			540
cttntagttg aggtccgtan ttaccttaag ntccaagac cntggaatta nggaattcca			600
atttggttg aagtttttgg gaccaaaaac cnacaancnt tnggaaattg ccaatttgaa			660
aaanaaaaaa tggcctttta aattttggng gnaaaaaatt tttgntggaa atgcctttat			720
ttgggccttt taaaatttgg ggtaaacccc aattttttta aaagccttgg caaattaaaa			780
nnccaagggt ttaaacccaa ccaaaccaan ttgggcattt tccatttttt naatgggttt			840
tccanggggt tccaaggggg ggnaagggtt ttttngaaaa ggnt			884

<210> 4188  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

<400> 4188

tgtnnctttt	cnnctcnn	cgaaatcnct	ttgntttctaa	ctttccta	tacctgggct	60
acttgcacta	tccntcgat	ncgcatagat	ggccnngtta	ctaanggtga	ntttccagcg	120
cgggggggcac	gtggagtcac	tggaacattt	gngcaatgct	ggtgggaatg	tcaacccgng	180
cnggcctctg	gaatangcct	ggcnntcct	gcnagagtta	ccntgtgacc	cagcaattcc	240
actcctagct	ccacccacag	gantngaaag	cnaagacgca	nacagatgcc	tgngcnccaa	300
anttcacggc	agcatcctnc	gccatantgg	cancatccgt	cgtnacagcg	gcatcatcct	360
tcatcattac	ggcancatcc	gtcgtaacag	cggctacatc	acttcgccac	agnggcagca	420
tctgtngtca	cagnggcngc	anccttngcc	aaagcggcag	cntccttcgt	catagcggna	480
ncatnctttg	ccatancngc	naggtggaaa	ccctgnccat	ccactgaggc	ntncatanac	540
tanncatggn	cagtccaggg	cactggaanc	cangccgtng	aacggcgccn	acggtnanna	600
ggaatganac	cntgatgcnc	tgggggccana	catactggct	anacanactt	ggagacatca	660
tgcttanttg	nannnccant	cacacttgcn	nncggcgtna	tctgtctcac	gtgatncgac	720
ccgaatgggc	acttcaaattg	ggaanaaggg	ngatggcact	nccggtnncc	tnganagggg	780
n						781

<210> 4189  
 <211> 851  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(851)  
 <223> n = A,T,C or G

<400> 4189

tnnncttccn	nnctcnacng	aaancccttg	tattgccctt	tatgcaggat	ccctcgattc	60
gagcagctgc	atctaggggc	ccttggtgag	atttacactc	antnccctgt	cgcccccgct	120
tagccagat	tcaaaagggtg	aacatctgtt	tgcagaatct	gattcatgag	aaggtaggtt	180
tattgttttc	agtttagact	tttgggaagt	tggactagag	aggggagttg	ttggggtcag	240
tgctggctta	acagaaaaca	cagcgaattt	cccctccagt	tctccccaag	tccactgaac	300
aaggctagtt	cctgcaccac	ccaggattca	aaggaaagac	gaaggagca	gaacttgtgg	360
cagcaacagg	taaacttcaa	gaaggagggc	aggagcccca	ccctacaggg	cttggganga	420
gccagagggc	cccatctgtt	tcttcttcca	ggagttgtca	aggcagcaga	aaggagtcac	480
ccagccaaag	gaggaagatg	gcttcaccgg	gctgcacca	ggggccaaga	agcccttacc	540
ccgtgtctaa	acccttctct	cacttccctt	taagccttgg	tgaaaagaag	tcaagaaagc	600
cccaaggctt	ccttttttct	tggtttcttn	aacttcaacc	agcttaaaaa	aatgggcttt	660
ccagggtant	tggaagttca	attgaaantt	tcaanaccat	tggtttgggn	ggttaaaagg	720
ttttcttcct	tnttggttnc	ctggaaaaaa	cctttcaatn	ctttcntttg	ggnggtcttc	780
antggtccnt	caaattcttt	ccccctnta	ttgaacattg	ccaaaaaac	cnancctttt	840
ttttttgnaa	a					851

<210> 4190  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

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<400> 4190
tnnnnttctaa tantttggat cttgtgtctt tntgcaggat cccatcgatt cgaattcggc      60
acgagcccat gtcccgcccg ctctgtctgcc tggctgcggg gtgacacggg gcttcgcctt      120
gggaaggggt cgagggaagc agttagacgg ctgccgggcg gcggctgccg cgcggcacac      180
aatatttatt taattgcca actaccactg atgaagatat attggagtga ctgctgaaat      240
tgcctttttg tttttaacca gaggacagtc catttgtttc acttcttttt gctttcttta      300
ctgctatgag ctttactgaa cggctgaaaa acttggaaaa taaaatggac atgctgtagt      360
cttgaacata atttttttta ggaaaactta aagtgccaga gtgaaagcca gaatggcatc      420
cagagagagg ctctttgaac tttggatgct ttattgtaca aagaaagatc cagattacct      480
gaagctgtgg ttggacactt ttgtttctag ctatgaacaa tttttagacg ttgactttga      540
aaagctgcct accagggtag atgatatgcc tccaggaata tctctgcttc ctgataatat      600
tctgcagggt ctgaggatcc acttctacag tgtgttcaga aaatggcaga tgggttagan      660
gaacaacaca agccttgtca attttgcttg caagttcttc attattcttt gcaggtatct      720
agtagaaaaa ataaccttgt t                                     741
```

<210> 4191  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

```
<400> 4191
ttggnnctng ttctttttgc aggatcccat cgattcgnac cgnncggcca gctgncagg      60
nacaggggct gtaggcccag ctcanaccac ttnggagctn tggctntntt caaaaacatt      120
gtngactctc ttaccacacac attcctnngc tgggaagggga gattgacaaa ccagcatcat      180
ctctangtta ctacaaaagc cctcnctggn aattattctt aactnancag ctggtagcga      240
tccattcnga aaaagagtac nntagactga gttnctctgc tgntnaaann nctgaanagc      300
ctnctaantn tacctancgn aaaacctana nnccttttnc tggcctgcta ngccctgcgc      360
cctntggccc atcntntacg accacctnta ctactgccnt tctgtnaggc cnttgggccc      420
aaacctgtnc ctatnaatcc agatggcctg aattanctga acaatgacan angatgnnaa      480
aatggcctga tntgcctta gctgatgaca ttaccttnga aaancncttc tcctggctca      540
tccnggctca aaagctnncc anctgagcac tgggacctaa acccctgtcn nccagaggaa      600
nnaccncta tgactgtaat tatccatacc taacccgatc ctataanatg gcccgccent      660
tctccnntcg ctganctttt cggacnnanc ccgctgaccc aagtgaata aacagcnngt      720
tgntcacact                                     730
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<210> 4192  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

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<400> 4192
ttggnnctng ttctttttgc aggatcccat cgattcgnac cgnncggcca gctgncagg      60
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nacaggggct	gtagggcccag	anaccac	ttnggagctn	tggtntnttt	aaacatt	120
gtngactctc	ttacccacac	cctnngc	tggaagggga	gattgacaaa	gcatcat	180
ctctangtta	ctacaaaagc	cctcncctggn	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttncctctgc	tgntnaaann	nctgaanagc	300
ctnctaantn	tacctancgn	aaaacctana	nnccttttnc	tggcctgcta	ngccctgcgc	360
cctntggccc	atcctntacg	accacctnta	ctactgcctt	tctgtnaggc	ctntgggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattancctga	acaatgacan	angatgnnaa	480
aatggcctga	tncctgctta	gctgatgaca	ttaccttgna	aaancncttc	tcctggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	accctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gcccggccnt	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaaata	aacagcnngt	720
tgntcacact						730

<210> 4193

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4193

gtnnncnnttt	ctaattgcctt	ggnnntnncc	ttctaattgct	tggtctcttgt	tctttntgca	60
ggnatcccat	cgattcgaat	tcggcacgag	cctagttatg	ctataatcaa	gcaggaaatg	120
tttatggaat	ggaaagatta	aggaaaaggt	atgttcttat	tttagcaata	aaacgaatac	180
cagaagcttt	aacattccacc	agtacaaata	aatagtttca	atggaatagg	tcgaaagtaa	240
agggacatca	ctagagtaaa	tgctagacct	tccctctcct	tttattttta	gcaacagcaa	300
agcagaaaact	aagatctaca	agtgatcaaa	gaggggtgatc	cattcagttt	ctgtgtagac	360
aggaataata	ataataacctt	ttacatattg	gtacagtttg	taaaaaact	ttcacttact	420
cattttaatct	tcatagcaac	ttgatgagg	agaatactat	aggaagcagt	attagctcag	480
gttggtacgt	aaattactgt	gtttaaat	caataaaaca	gctatggaat	ccaagacatt	540
cttggcgcc	aataaactgt	attctttgcc	aacagtga	gtgcttctct	gttgcttggt	600
aagttttttc	cccttagaat	actaataaag	taattgatta	actttcattt	ttattttgat	660
ttgattggga	cagcaat	agcagtaaaa	aatgtcacct	ttataaatcc	tgtggtttct	720
ggtcttggn	aagttaaatt	caacctgacc	aggaaggcac	gctttaattc	ttat	774

<210> 4194

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 4194

gnaacnttt	gnaaancctt	ngttctaann	gctgggntcn	nttggtntct	gcacgatccc	60
ntcgnntcga	attcggcacg	aggtcagatg	ttcctggntt	acgttgagct	ncantgaagt	120
gagaggggca	nagggggcct	gggaagtcac	aaggtcangg	agaggagaag	aagcgtgctg	180
gatgagtcac	actgnaggac	tcaagccagt	aggttcttgg	tagcccgntt	actgacctgg	240
agccangcac	tgatagcaac	gtgtncctctg	aggaaggcn	aatggnaaat	ccaagcangc	300
actgggatct	gcctgtgaca	ctcttggtgg	gcctggaccc	tcnncctaag	ngagcttggg	360
ccantcagag	ccaccccgag	ngcccctncc	ttnatctcca	ttgtggcang	cacaggaaca	420
ttgtgatacc	canaaaatgg	actcctgtct	tgtgcacagg	atgcacctgn	gttttctatc	480

ttncattcct	gaganctntn	caggag	gacctgantt	gaatcctgac	ccnata	540
tnaatgacta	tgtggctgtn	gaacttac	ttatnctaca	tgagactact	tttcatct	600
gccggaaaan	gtaccatann	atctgccttg	ccnttattga	cttnaggata	aatcaagtcn	660
gntantaaag	ggaaanntnt	gttncaacttg	aaaaatcaat	taatggttca	ttgttcctcc	720
ntttaaaann	gaaatacaaa	ngcttcngcc	tttagaacnn	tnntggagnn	c	771

<210> 4195  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 4195						
ttccttcaat	ngntgggaac	tngttctttc	cgcaggatcc	catngattcg	aattcggcac	60
gaggatgcat	gaattactgc	attaaaattg	atztatggga	attattgttg	tttcagtagc	120
atttcaattc	agttgccaaa	tagagcagtg	ggcaatgtta	acggaaacaa	ctgcaattgg	180
cgcagtatgg	agtgcctatc	gcaactaggaa	atctgagggg	cacaaaagaa	aggagatgtg	240
aggataagaa	actttgtttt	tcccttggtg	ggaactcttt	aggcctcggt	ttctggtgac	300
agccccaggg	atcatcaggc	ccggaggaaa	tgtgactatt	ggggtggagc	ttctggaaca	360
ctgcccttca	caggtgactg	tgaaggcgga	gctgctcaag	acagcatcaa	acctcactgt	420
ctctgtcctg	gaagcagaag	gagtctttga	aaaaggtaag	ataaacagca	taaagtctta	480
cccttctgca	gtaataactg	gaatatgtta	ataaggatcat	gtgttangta	gtatagcaga	540
gaaaccccaa	atttgcagta	tcttacctaa	tatactttta	attctcactc	atgtaaagtc	600
ctagatgggtg	tcctgggatgc	tcttccaagt	gccagattca	gagaccaggt	ttccttccat	660
tttgnggctc	cattatcatc	acttggtcnc	caagactgca	ggggaagatc	atggatttct	720
tcatgggana	angggaagag	gatn				744

<210> 4196  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 4196						
tnntnttcct	aatngntggg	ctacttggtc	tttctgcagg	tatcccatgc	gattcgggtg	60
ccaaggattc	tattgccatg	tggtgaggag	taggagcaag	gagatagagc	aggaccaatg	120
ttacaataag	aaccactat	taaccccca	gaatctgtct	tgtgagggag	ataaatagtt	180
atcatacatg	cgataagtcc	cacaccagca	catgaaaaga	ttagaagaac	aagagaaggg	240
aagaaaccta	ctgacctgtt	tcagggtggg	atgcttcata	aagaggataa	cagttaagcc	300
actaacagta	atgcctctaa	tcttgaatct	gttacctact	agttttgtgt	ccctgggcag	360
gtaacttcat	gtttccttgc	atcagcttac	ctttaaaatg	agaataatga	taattatcta	420
acagggtcct	tactgaggat	tctgtgagat	aatgcatgga	aagagcttaa	gtccatgccc	480
aggaaatact	aagtgtcaa	agtaaagcat	tttttttcc	ttttttatta	cctagtccca	540
caagagcaat	ttttttatat	caagattagc	tttaaattca	gaaggaaagg	gaataacttga	600
atgggtcatt	gccagtaacc	ttatattgat	gccatgtttt	gactttgaga	cattttttgg	660
agtctttttn	aatggnaata	cagggttctg	gtggaaacca	cccttggtgt	caaaaagttt	720
cnntgacctt	gtgtgtgtgt	ggnggggtgt	acacatgtgt	cct		763

<210> 4197



<211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 4197

ntntttnnnn	nnctnnttgg	aaacccttna	aggaaanacn	tggcccttcg	caactncagg	60
ancccatcga	ttcgaattcg	gcacgaggag	gcaggcaggg	cnthttgggtc	ccttgttcag	120
ctgttatggg	gcttaggcca	tgctcagtgc	tggggacagg	agttttgccc	aacgcagtgt	180
cataaactgg	gttcatgggc	ttaccattg	ggtgtgcgct	caactgcttg	gaagtgcagg	240
gggtcctggg	cacattgcca	gctgggtgct	gagcatngan	tcactgatct	cttgtgatgg	300
ggccaatgag	tcaattgaat	tcatgggcca	aacagggtccc	atcctcttca	tgacagctgn	360
gagctcctta	ctgtgggaga	gctgcagggg	gccaaggagg	gctgcctgac	acacttgccg	420
ctctcgtgtg	aatccaagaa	actgcnttnc	tcaaaggggc	cctggtngtc	accttctncc	480
acagccattt	ccacccatcg	nntgtctaga	atctctttca	ttagcacatt	ccaaccctc	540
tgacactngg	tttaaaaatg	agctccctgg	ctcantgggg	ccttntagaa	tctggaacca	600
gacggaggtg	gaagttaaga	agataggaca	gaacaagcag	gccc aaagng	ctatgggttc	660
actggggana	gaccattaat	tctncagatg	cttttactcc	tgatggcttt	taccattat	720
tcttttcngt	tttaagagac	atgggctnac	tcttgnaacc	aagctgggaa	tgct	774

<210> 4198  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 4198

ntntttnnnn	nnctnnttgg	aaacccttna	aggaaanacn	tggcccttcg	caactncagg	60
ancccatcga	ttcgaattcg	gcacgaggag	gcaggcaggg	cnthttgggtc	ccttgttcag	120
ctgttatggg	gcttaggcca	tgctcagtgc	tggggacagg	agttttgccc	aacgcagtgt	180
cataaactgg	gttcatgggc	ttaccattg	ggtgtgcgct	caactgcttg	gaagtgcagg	240
gggtcctggg	cacattgcca	gctgggtgct	gagcatngan	tcactgatct	cttgtgatgg	300
ggccaatgag	tcaattgaat	tcatgggcca	aacagggtccc	atcctcttca	tgacagctgn	360
gagctcctta	ctgtgggaga	gctgcagggg	gccaaggagg	gctgcctgac	acacttgccg	420
ctctcgtgtg	aatccaagaa	actgcnttnc	tcaaaggggc	cctggtngtc	accttctncc	480
acagccattt	ccacccatcg	nntgtctaga	atctctttca	ttagcacatt	ccaaccctc	540
tgacactngg	tttaaaaatg	agctccctgg	ctcantgggg	ccttntagaa	tctggaacca	600
gacggaggtg	gaagttaaga	agataggaca	gaacaagcag	gccc aaagng	ctatgggttc	660
actggggana	gaccattaat	tctncagatg	cttttactcc	tgatggcttt	taccattat	720
tcttttcngt	tttaagagac	atgggctnac	tcttgnaacc	aagctgggaa	tgct	774

<210> 4199  
 <211> 1068  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

tccttttnaa	ctccttgaat	cccttgaatt	ncttatccca	tcgattcgct	gatctccaga	60
cccataaggg	agatgctgag	tagacaactg	gggctttttt	ggtctggagt	tcagaggaga	120
gatcgggaa	gtgtccattt	ggagtcaccc	acgcagagat	gtgtgaaggc	tgctcaatga	180
ttttgagggt	taaagaaaaa	aagagatgtg	aaaccagggg	ccctgatgag	gctgcccagg	240
tggttaaggaa	gacagaagag	aagccatggg	acagctgagc	ccgggcaccc	tcaagccttg	300
gaggcatgaa	gnttggtggg	gatctgncnn	naaacacctg	nnanctgtca	gngggccanc	360
anaccctnta	gtntcacnga	nnnnntncnn	nangcaaaat	ggncntntna	anatctcngn	420
ttatntaccc	ntngnagtca	ngnnngacta	cntnanaaca	tncnataatg	naaanntatt	480
tcgngcact	cngnctttta	ccanntctgt	nctttncnct	gggtacatgn	tcgnnatntt	540
tncnngaaa	anattaattg	gctntttntt	nnanctnngn	ngaactgtaa	anttnnacc	600
ttcnacannn	aanntttntt	ctcnggggct	ncttncaatn	nacntaatan	ggncacagnn	660
nannctnanc	anatnannaa	acccttannt	atannacncn	nnannnaaan	anttannngn	720
nnntnacncc	cananctntc	tncnnaaaaa	tnggnnncc	tenttcnna	aaancntcat	780
nnntnantnt	atanannngc	ncatttnact	ctnnccctat	aanantcnnt	ngnnntcccc	840
annaaatctg	gggnaacaan	ctttgnnttc	aaannannnc	tctnctnnnc	nctcacanac	900
gncantntnt	ncaannngnc	acttacnnna	antntntcta	ntatatctnn	cnngnntcnn	960
nnatntnngn	cntnntctna	ancnttttta	tttnnanana	nnaacnttan	ancccttatn	1020
ncttnttcta	naagcancnc	naacaanttn	tcnngnct	cctnnncc		1068

<210> 4200

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4200

tnnnnttnnn	nnnctcttca	aatcccttgtt	ctgcctttct	gcaggatccc	tcgattcgaa	60
ttcggcacga	ggctgtcggg	cctcagcaga	gctgcctacn	cacctgagct	ccgattcatg	120
tactacgtcg	atggcagggg	ccctgatggg	ggctttctgc	aagtcaaaga	agctgtcatg	180
cgttatctgc	agacactcag	ttgacacttg	ttatatcatg	ggaccccggg	aattggagtg	240
aagctagaaa	cagaaaaccc	atgcagggcc	tcggattccc	acaaatgtga	caagagggtat	300
agggagttag	tcgcagcgct	ttgctcgtga	ccctgggata	agagcaccca	tcaggcttcc	360
attactgtgg	gctccctaag	aagaccatgg	agagcttggg	gactccccca	ggaaggccgt	420
gaagctgggg	attcccccta	ggaaagccat	gaggaactgg	ggactcccc	agaaggccat	480
gaggaagcca	gaaattggag	gtggtaggaa	gtggtactga	tcaatgatgg	ccagcaggac	540
tcatctcctg	cctaactgga	caggaagcct	gcacccactt	ctgtcttncc	ctggaactgg	600
gcactggcgt	acactgggat	ccctcctaaa	gaagtgactc	acctgactga	tcagcaagaa	660
gcctanatgc	aggcctacca	tggatggctt	cctagtgtgc	tggggaaacc	ctggaatggc	720
atcaggagaa	agcaccagga	atccagtcct	tcnct			755

<210> 4201

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

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<400> 4201
naataaccagc tacttgttct tttgcagga tcccatcgat tcgaattcgg ctcgagaagg      60
ccttaggctt tttttttgta gggtgagagt gggggagaga tctcttgctc tgttgcccag      120
gctgggtctcc agctcctggc ctccggcagt cctccacct cagcctccca gactactagg      180
attatgggca tgagccacca cacctagcca ggctttttat attgagttgg ttatatatgc      240
ttcatagcca cactttataa tattggagta tagtattaaa ttacagcttg ttgtcaagtc      300
agtgtttctg taagacagta tatccaatat tggttagagt aacacctatt tggtgataca      360
gatcaacagg gtgtctctga ttaatttagc tcctacatag ccagaagcaa gttcattatg      420
attagaata ttgtacatgg ttatgcagga atcatcccaa cctatctgtg tttataggtc      480
agatgatgtt cagtttataat ctgctgatag tgtatatgca ggaaaaccta taaaaccact      540
tcagacttgt taaaacagtg agaaagccgt gattgaaata ttaatacaac ccgtgtggtgta      600
taaatttcat ttacantggg aatgtaaagt ctgtcatttg aatcttgnc aagcctgcta      660
ctaaaactct taaaancctt gctaggggaa taagtcttta ntccaaaaa caatatanan      720
ggggatgtgn gtggataata caaggacaac catatgttgg tggcnt                          766

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<210> 4202
<211> 791
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (791)
<223> n = A,T,C or G

```

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<400> 4202
ggnnnnnnncn gggaacattn cncnanatgn actcnttgca aacgccccnn aatgcaggat      60
cccatcgatt cgctgaaacg gaaacctttc gcaaagcctg tgcaggcaga ggattttaca      120
cacatccttg acgtggcact gtgtcttcag ggggtgctgcc ctcttacaga gagacagatc      180
tgagggccat ggccgttttg gtgagaaatg ccagaaacag cttcagtttc cacctactgc      240
ttcatattta taatcacagt aatctatttc tcgnttnget atttctagag caacaaattg      300
tgtgatgcga aattagtacc agaggaacaa tgactccact taacaaaaaa atagcaaggg      360
aactatgaaa aatggcacaa ctgcttaact ttaatagttg aagtctttag gagacttcag      420
tagttgaaat gacacagaaa aatcctcaaa ctaacatacc tacatgaaac tgagtttctc      480
aaagtaaccc acatttatgg aaatagaagt ttgnnttgca gaaacatcag cncattttgt      540
aaggngtatg tgatatttaa anttgtgatg cttgngaata agggaaatgg gctntaggtc      600
tgaggaaagg ggagcattca ttcaaactgg gaggggggtt tgcattttta aggctgctat      660
aagggcacga acttgngnga gacttggaac ngntttccgn atgnatnggg gacntctg      720
tctaagccat tgggggngnc nggactttct ccaanattct ntccaaacnt gnctctctta      780
atttctccga a

```

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<210> 4203
<211> 844
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (844)
<223> n = A,T,C or G

```

```

<400> 4203
ggnnnnntgn nnntttcnaa tncnngctac tcgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagattacaa caatatggat agtagggagg aggaaaacaa gaggagaatg      120
ggatcaacag aaggcatata tggggagtgt ctggatggct ggaaaattcc attttttgac      180
caagatgtgg taaacacggg gagtaaagtt ataatttttt ctcttactgt gcttttaggt      240
tttgttgctt tctgtctgta tgctgtgttc cacaataata aaaatattta aaaggcaaaa      300

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aaaagtaaaa	taatgaatat	ttacac	tgaaactaca	tattctcata	gaattg	360
taattattag	agtttttgct	aaagtc	aatagacta	ttatagtagt	aaacgca	420
agttaaaatt	ttagggccgg	gcaaagtggc	tcacgcctgt	aatcccagca	ctttgggtgg	480
ctgaggcggg	tggatcacct	gaggtcaang	tgttcangac	cagcctggcc	aacatggtga	540
aagcncntat	ctactagaaa	atntaaaaaa	tttncctggt	ttttggnggn	ggggctcctt	600
taatcccaaa	ttactnnggg	gaggggtttt	ggcaangaaa	aaatttnttt	caaactttgg	660
gnagccccc	ggtttntan	ngggcccttn	naaatttttn	ccaattnccc	ctttcaagcn	720
tnngggggaa	caaataatta	aaaacnccnc	tttttcaaan	ttngaaaaaa	aaaaaaaaaa	780
naaaaatttg	gnnccttttt	aaatttttng	ggggggggaa	ttttnnngaa	aaccccccaa	840
tnnt						844

<210> 4204

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4204

aaaacnacag	gctactngtt	ctttttgcag	ggatcccatc	gattcgaatt	cggcacgagg	60
aaagttgaaa	tcctagttcc	tggagtcctc	tgtgatggca	aattctgcct	tccttgtttc	120
ttcttttttt	ctcctctgtt	ttcccatttt	agtagttcaa	atggtttttg	tattattgaa	180
gacaggtatg	tctcaaattc	atggaactca	caaaaaaggc	tcattttcta	tcctcaagga	240
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	300
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggg	gggcaggtgt	360
tgaaaggagc	tcatagattg	ttccaagtta	ggagagcatc	ataaaaagag	atggaaattt	420
acttgctaca	gttttagatt	tgtctgtctc	atagcagaga	gtccatttca	gagcatatag	480
ggattgtcag	gacttaaaac	ctgctgtatt	tcttacttaa	gcaccctctc	ccccagaatg	540
ataagagccc	anctttgggc	cttggaatgg	gagtagaatg	tgggtatact	gtctatcata	600
tganaaaatt	gcntngaacc	aacccccccn	cncncnaaa	tgcctgcatg	tnaaactggg	660
gaacactggg	taatatanat	ggattattat	caatgtcaac	ttcctggact	ggngaatttg	720
gcctataggt	ttnccaaaat	gtccccctga	aanaaaaggt	ttttgggggc	tttnttt	777

<210> 4205

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4205

nnnnntnt	ttaagaccag	ctcttggtct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgagagaa	gctccactgg	cacttttgta	ttcacaacta	ccgggtgcga	taaggcagtg	120
agggttatta	tgataccctt	tttcacaggt	aaggaaacaa	ggctcanana	ggttcaacaa	180
cagagtcata	attcttcttg	ttggagaatt	cattttgnta	catttcattc	ccaccatctg	240
cagtaaggga	gacccatta	aatatactat	cctgattttt	aaagagaagg	taacattaag	300
gccnnnaggt	tngggatntn	nccaanttca	ctntgggctt	ctggactccc	atgcccaaca	360
gcctgcatga	tgcanaagtg	tcctcaaga	gcctagtgn	tgattctttt	ttngtgccan	420
ganacagact	gtggacctgg	agaggggtng	ggggctggag	aantagagga	ggtgganttt	480
ctacaacagg	ggntattgng	ggggtantaa	gaccaatgac	tacataaggg	cctncgtttg	540
gtcttngncc	agaaaaatgc	gtcttttagcc	ttttaacgan	tgcngtttnc	ctccattana	600

taaccagntt	taagccacng	gtgngnt	gggcaccatt	ccannngctt	gcnat	660
ggtntnttaa	accnaagtcc	ctcnatca	anngettmt	taannanggg	ngctttgan	720
ntnttttttc	tttctctcag	nnngaangga	acntgttngg	gctnnntntg	cctttttggn	780
nnaaaaaatt	tttttttncc	gggttccnna	aaaancttng	ntnnnttn		828

<210> 4206  
 <211> 834  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(834)  
 <223> n = A,T,C or G

<400> 4206						
tncaatncng	gctctngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcgg	60
acctctagt	cctgatgttc	actttcttca	ggtcctcaat	ttcctacatt	taagctgttc	120
ggttaaactt	ttccatattc	agcttgagat	caacctcctt	tacataactg	attatttttg	180
ccttgaggag	aaaagatgac	gctaaacaca	gcacacatgt	gtttattata	tggttgtaat	240
gtggaattca	aagatgaaag	agacgtgagc	tgcatcacta	aaaaagaaac	atattacata	300
aatgcaatgc	tgatatcata	gataataaaa	ttaacactaa	ttttttgata	ttatcaatta	360
tgcagtccat	aatcagattt	gttttgtgct	tagaaatgac	tttttacagt	tggtttgttc	420
aaatccagat	cagataagtt	tcacacatta	aatctgttta	aaaaccaatt	tttaaaacag	480
acgactgtta	aagggccaca	tggggaagct	ttatggaatc	ttccaacaat	ttgtgtgtcc	540
cagctacttg	ggaggctgag	gcaggaggat	cccttgagcc	caggagttca	agactgggca	600
acacaaagaa	accccatctt	ttggctgggt	gcgggtggctc	acacctgtaa	tcccagcact	660
ttggggagccc	gaagcaggcg	gatcatgagg	tcaggagtca	agaccagctt	ggccaacgtg	720
gtgaaacccc	gtnttcaacta	aaaattcaaa	aattagctgg	ncatggtggc	gtgcgtctgt	780
aattcccagc	ttcttggaag	ggttgaggcn	naanaatctc	ttgaaatcca	gnat	834

<210> 4207  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 4207						
ctaantcctng	gctactngtt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgaggac	60
accagtttta	agggacattc	tgtacggtgc	ctgaatggcg	ctcctgaaaa	ctgtgcaggt	120
cctcaaggct	gaggaaagcg	taaactgtcc	cagaccaggg	aggccaagga	ggcgcgatga	180
ctcaatgtca	tgtggtgccc	tggtatggat	ccagggacgg	gaaaaggaca	cttgggaaaa	240
actggtgaag	ttcacgcaaa	gtgtccgggt	tagttcagca	tcagagacca	atgatggttt	300
cttgggtgtg	acnaaaatgt	tccatggtct	gaaagggtgc	aacaccaagg	gaagctgggt	360
nagagggcta	ccagaatcct	ctctaactgtc	ttttcagctt	ttcggtaaat	ccaaaagtac	420
tttcaaatga	aaagtttaat	ttaaaaatga	gaagccacct	cccccacgag	atcatgaagc	480
tccatgaagg	ccaaggccat	gttaatgcca	aatgcatgtt	ggttgaattc	actcgtgttt	540
ggttgaattt	actgatgttg	gttgaattta	ctgatgttgg	ttcaatttta	ctggatgttg	600
ggtgaaatca	tttcatgttg	gttgaatttc	acttattact	gnggttctta	ccatcttngt	660
tgacagccctc	ttcattcttt	ttttctnaat	ggncaaacaa	ataantnggn	tgtanttaca	720
tattttattgg	gngtntaaat	ggnggataat	ttaatatntt	gtttttaaat	gngngnatna	780
at						782

<210> 4208  
 <211> 882  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(882)  
 <223> n = A,T,C or G

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<400> 4208
atnnnnnnntt tctaatacnn ggctactngt tctttntgca ggatcccatc gattcgaatt      60
cggcacgagc aaataagtta aatgtatatg gcattggatt ggaattggag gtatcagtgt      120
gaactcatgg ttttggggtt tttgtttttt gccttttttg ttttgttttt gttttttgag      180
gcagggtgtc actctgttgc ccaggctgga ngaaatactc annaacgana cnctatngtg      240
tatcanaagc tgctacgcnt ntcattggntt tgttanngan cnacacagat agtcntnntg      300
tattcancga cttannctan anagagacag natgggaatt aantgttaan gtgctagcca      360
acaagtaaag attcncataa aacaanggtt atatncccag tcatcaaagt gataaatttt      420
ccctgctaac ttttagattaa aaagtanttt ttangccann ttgtgngngg ctcacacctt      480
ttnttccctn cactttttng caggcntnan ggttngacna natccccctt nacnnttcan      540
gaantnttcn nnnaccctcc ccttgggcn nncantggnt cgnaaacccc ccatcntttt      600
tcncaaaaaa aattcccaaa ntttcgcngc caccgggnt ngnnntnccg tggtanccnt      660
gattnttttc ncncttccan ccggnnnggn cncnacngcc ananaaaaaa ccttcnttnt      720
anccctngnn gaggcncnnc gtttcncnat ngnncccnna aaattggggt cttttagnan      780
ctcnttacc ctngccnnnc nganttnaan cnattctttn aaataaaaaa accctcctta      840
ancttattat ngagtccgta tttncntanc aaccntacn tc      882

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<210> 4209  
 <211> 881  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(881)  
 <223> n = A,T,C or G

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<400> 4209
nngnntnntn ntttctaacy ttggctctcg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag agaaagattt tctttattaa tgaccccaac cgtatttctt tagatacagg      120
agttttgaac tcaaataactt aggagaaaac aagttatgac tgcattatcc tgcaactcat      180
taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaagggaagt      240
gagggaggga agataaagaa aaggaattaa gttgatcaag tggaattctt tttttttttt      300
taattcttgg gaactatgaa gtctttgcaa gcacagctcg tttctgcaga ttattttcca      360
aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat      420
taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttcctcc      480
tcttattccc aagattagcg ggatgaaaac gtcttccccg tgattgtttt catttctttt      540
ttctcggcac ctgggcgtgc gcggttcagc acctgagga agtcagacgt tttcgccgcg      600
atcggtgtgt aatataggcc ttagagcact tgatgtggta gtgcaggtag tcccggaaag      660
tgtggatcag gttgatgggt tttgtctcga gcncncnnnn tnnntnntnn nntnnnnntn      720
nnncnnntnn nctcnntnnn ntnnnncnct tncctnnctc tnnctennct cncnctnnn      780
tctnnncnn nntnntttct nnnnnntttt ntnnnctctn nnnnnnncnn ntntcnnnnn      840
nnnnntnnn nncctttttn nncnntnnnn ncnctenncc t      881

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<210> 4210  
 <211> 785  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4210

ggnnnnnnnt	nnnttttaag	atcagctatt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gatcacatct	ctcaagtttt	aaaatgggtt	tttttgttgt	tggtgatggg	120
ggggagaggg	tccagcagct	tttaaagtgt	ttcacatcgt	gtgttcctaa	aataactggt	180
tagcctaagt	cacttccacc	ctccaatgtt	gtgaatgcag	tctctagcat	tcgctattta	240
atgtcttctt	cctgcactat	ttgagaaatc	gcgaggtcga	cttaataaccg	cagtcgccac	300
ttcncggacc	ggagggcgga	gtctgcttag	ttctgaggac	tgctgtgggtc	cgcgagaga	360
gtccttgcta	ggcctgcgcy	tcccgttcta	aattcttacc	ctttagttct	tgtcaccacc	420
cccgcctggg	gaacggcctg	acagtcactc	gtcaaaggaa	gtggctgccg	gcagctcttg	480
acccggaatc	ggatcctagt	cccacccctt	ncgnccaggc	tttcttctgc	aacaggcggtg	540
ggtcacgctc	tcgctcggtc	tttctgcgcg	catcttggtt	ccccgttccc	ttgcacaaaa	600
tgccccgnga	aaccacagaa	accgctccct	gctacagagc	angagttgcc	ganccccagc	660
tgagacaggg	tctggacaaa	atctgacant	gatgaatcnt	cccagagctt	gaagaacagg	720
atttcaccca	gcaccacaca	acaagcccag	ctggcggcag	cagcttgaaa	tcnatgaaga	780
ccatc						785

<210> 4211

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(839)

<223> n = A,T,C or G

<400> 4211

tngnctnnnt	tggtanatct	ngnntttcta	atncttggcn	atcgnantnt	ntgcaggacc	60
catcgattcg	aattcggcac	gagccgacta	cttgtgcagt	ttgccctgct	gagccctcct	120
cgccccggga	ggcagaaggg	gaggggtcct	cagcaatatg	ctgagcacct	cctaaacaac	180
atcacctgaa	aaangaacct	agangaganc	cattctcaaa	tctgatcctg	gactgagctc	240
gagagctggg	ttgagagctg	ggttgatcaa	agttgggatt	ttgctattat	tgtgacaaaag	300
ggtccagcct	tgcatgccan	atcctgaaaag	gcctggggaca	aggccaggta	atttggggag	360
tccntcctgc	atttgtgcag	gatgttcagc	ggcatccctg	gccacccact	atgatgcccg	420
cagcaaacc	ctcagttggg	acattttaaaa	atgtctccag	acnttaccaa	atgggacagc	480
attgnacca	tttganaagc	accggttgag	agcaaatnca	caaatntnta	aaatgggaga	540
tttgggccgt	ggngngcaa	gcctgtagtc	caatntcntn	ggaggccaag	gctggggagga	600
tcntttnatc	cccaggaggt	anctttccgg	nngggcggaat	aactgcacca	ntgaactncc	660
atattgaatt	gaacagaanc	ccangacnct	ttnttttttt	aaaaaaaaat	atntntntaa	720
naaaanaaaa	cttngnnncn	ttntttaaaaa	nttttatnng	gangtnggt	ttaccgttga	780
anccccncn	ttgaaaaana	aancatttgg	tttaagnttt	gggccnaaac	ccacancnt	839

<210> 4212

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4212

ggnnnnnngg nnnnttcnat nnnagctctn gttctttttg caggatccca tcgattcgaa	60
ttcggcacga gagtttaaaa atacttcttt gtaaaagtta ttgcacaaag aaaagacatg	120
aatgtgtccc tgttatgtac tcacaaggat aatgatgggg ttgttgctca ttaatactgt	180
ttcttgtgca ataactttta caaagaagta tttttaaaact gatcattaat tttatgacca	240
cagaaatgag atgcaaaatt tatgctattg tcagtggcac aggctcacag caccactgac	300
atthttgtgtg attgtaatag aatggctgcc aactaatgat tctgtagaca tttcatttga	360
gtgtgctttt ctttagatgt gtgattagct gtaatgcttt cacttatgtc tgtaaattat	420
attggatatg tttacctgat gcctattggt gatttggagt tcagttttgt attacataaa	480
tgcaagtga actttttttt ttttaatttat agaagtcttt gcaggtataa ctacaaatac	540
tcagcccctg gggaggaaaa atgctttgca ctactcaaca gtaaccctg cgttcagtta	600
aaactcctta taagacagca gcttttactc tttattgggt cgaaaaaaaa aatanggggg	660
aggaaaangg gatggaccat cctgggacaa tggttaagaat gaagaanacc atcttgga	720
aatgagngt ccttccctta atgcaagggt aaaaaggggc tnntccttna tatatagcaa	780
tatagaatct ttgg	794

<210> 4213

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4213

nnntaaganc agctcttggt ctttttgcag gatcccatcg attcgaattc ggcacgagca	60
gagaggcagg gataccagat atgggggaaat ctgtaattac atgcaggcat taaatattta	120
aatatatatt ttcttctttt aattgtggta aaacacatat aacataaaat ttatcgtctt	180
aaccattttt aagtgtactg ttttgtagtg ctgagtgtat tacattatta tacaaccaat	240
ttccagcacc ttttcatctt gcaaaactaa aactctttac ctattaaaca actactccct	300
gtttctccct cctcccagtc catgagaagc accattttac tatcttttct gtgagtttga	360
ctctacaaac ctcatgtaag tgggaattatg caatatgttg acaaaccaaa ttctgtacaa	420
tattttaaaga ggtttagtct gagccaaata tgagcaacca tggcctagga cacagtctca	480
agaggtcctg agaatatgtg atgtgcctta ggtagtcagg tcacagcttg gttttgtcat	540
tttagggaga cagaagttac agacaaagac atacatcaat acccgtaagg cacatgttgg	600
ttaagcctgt ggaaagatag gacatcttga aaccaggcca tcacatgtca cangtggatt	660
caaagatttc tgattgggtg aaaatctttg gttgggtgna agaagttaag ctttgnctaa	720
aggcttggaa gtcanggaga aacaattgct ttgagttaaa ggtaangggg gtgng	775

<210> 4214

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4214

tnnnntttcn aatactngct atttgaactt tatgcaggat cccatcgatt cgcaaaccgg	60
anatgggttn tttttcgngg gggngggang gaacanattt gcattaacaa ctactngaa	120
ttntccatnc aangataatc tcncatgctn aananccnt ttnttaaatn nngaattggg	180



ttgggcttat	cagaatannt	tattaga	ggcttttttn	caaanntcac	ttncacc	240
tgnaancccc	cataatnntn	tattaancn	gctgntctan	ggatgagccc	anttanttn	300
ntgcaagnng	ggananacnn	nntgtgtnan	tncanatnnt	ntgctngaac	cngnncactn	360
nttcataact	agctngancc	catttcccgt	gnacttcggg	cgntnnannt	tnttangccg	420
gccnnaacca	atgantaggt	gaaaaggacc	cncatgtnac	ccccaaangna	tanaccccat	480
atttccatga	antannacct	tnttctgtng	ggatgcccc	tcttagaanc	tntgggncat	540
gnngagngna	agccctgagc	atttntntna	acatgcctac	ttactncncn	aanttgcnag	600
ggantgtgnc	ngtgccantc	catgaatggg	gtanggcgca	gatccncgca	aacagcccan	660
ttgntaccca	tgagatatgg	aatnttcctn	nctatggcaa	antaatggcc	natttncaaa	720
nttgnggaca	aantgaaagg	acttgtgttg	ctnggcnnna	aaanagggng	gggggtgggg	780
natttttaan	aatcctt					797

<210> 4215

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4215

ggnnnnnnng	nnngttcna	atgcttggca	atcgntntnt	nggggncncn	tcgagacgct	60
ggctccttta	tcagatatta	ctggatcatc	acctgtgnag	gctntntggt	taatgatnnn	120
nancatttga	atggcaacag	ntgcgnatgn	atcctgccta	naancacncn	tactcgntan	180
nnannttgg	gtgtgcntgc	ntctantnnn	cnanatcctg	tgacacatc	ggaatttnan	240
tagaancagt	acagnnnctt	angcagnata	aaccatcctg	nggnnanana	tgacacnctg	300
cnngacntat	tnnnnncnca	nnntnatggt	gntgggncnc	gnaaaggnc	tgaaacangt	360
cgtatgnncn	tnacanggca	ccnggcta	atgctactgt	gtnaacncag	ggnatgagct	420
gcagcnttgc	ctnncttacn	antgctcact	gggtgtgaag	gacctgcttg	tgaggttnt	480
gttngccttt	tntctggactn	annntaancc	nntacnaang	ccngcattgt	tcattaccan	540
tngccttntg	aantntnana	gnagatgnca	ttgggacnaa	tnggacagtn	taaanganna	600
ccgcttngat	ggagngga	ngaacgttt	cttacntcan	ggggccactt	tattaanatg	660
ggngaacttn	ncacntnnng	ctcctangen	cttccaaggt	naccttnggg	nnccnntggg	720
gaatttaa	aantncacaa	nggtggctctg	aaaatcttcn	nnnggggactt	aattnaaaga	780
aattnatctg	gggttttccn	gggggttcac	ccangangtn	ttnaactttc	ncannccnna	840
nntnt						846

<210> 4216

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 4216

gngnnnnnnn	tttgnacnt	tgctaatagct	ggctactcgt	tctttntgca	ggcatcccat	60
cgattcgaat	ttcggcacga	ggttgtagca	ataaagtttg	caacctacag	caatagccag	120
tcaataaagg	aaatgatgct	gatgtagcat	ttatgagcct	taaaaaacaa	acaaaaaacc	180
ttaagatgtt	aaatttatct	caaggattct	tttttttgt	tgtacatgaa	tgttcatatc	240
aggtttattt	gtaatagcca	aaacagtata	cacctgaatg	cccaccaaca	agtgactaga	300
taagcaaagt	acggtacatg	gatatgatgg	actacctcag	agcaataaaa	aagaatggac	360
tattgatata	tgctacaaca	tggatgattc	tcaaaggaat	gacgttgagt	tcagaaagca	420

agacaaaaaa	gtacattcta	attcca	ttaatatataa	ggaatatatt	atcaagg	480
aatagtatat	aaatataaag	gattatttta	tattcaagga	atataaatga	aatataatga	540
tataaagcag	atcagtgatt	gccaggagat	gaggtggaga	agtagagagg	ggaggaaaga	600
agggattact	aaaggacatg	aagaaacttt	tggggataat	gtttatgttc	actattttga	660
ttgggctgat	ggttttacat	atgtatacat	atatcaaaat	gtatcaatct	ttatactatt	720
aaatatgtgc	agtttggttg	taagtcaatt	atacctcaat	gaaacctcat	taaaaattac	780
catattttgg	gggatctaaa	aaaaaaagnc	ttntagaact	tanntgagtc	gtnttccgtn	840
gattccagac	attgataant					860

<210> 4217

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4217

gnnnnnnttgn	tcnaaagccn	ggnaaggaa	ctcttgnaac	ncccnngca	ggatcccatc	60
gattcggttt	tgccctttt	tagcctccca	gagcttcgag	gactcaattt	taaccgaaa	120
tcctgccgng	ggggaggggt	tgcgtcgaga	cctgggccc	gggaggttct	cctgcgtcac	180
tttctgtcct	gaaaggcgcc	cttcctgggt	tctgtggctc	caattttcta	tcagcccca	240
cacccttgt	tgttttgatc	ctgagaaata	aaagggaggc	tgaattattc	aaatttaa	300
gaggtttccc	cttcattgaa	gtgctgctga	cccttcgtgc	agaaatgggg	agcacttgag	360
gacacagggtg	ggtggaggcc	ctttgtgcgt	ggctggctgc	attcgggcag	ccctccgtcg	420
ctttttataa	aactttgngt	gagaagaata	tattgataat	gtcagtga	caagcagaca	480
ttgaaatgga	ggcacagatt	actccacaag	gagttcttct	gtatattttt	tctagatgca	540
aatccnttta	atatgnaatt	aatgtaagnt	ttctagctta	tatcgaactg	ggngnggcac	600
gggggacact	gtactggata	agntgggcan	acatccctgag	nncgaatgcc	tgaccacgga	660
aaatatanaa	tttattgctt	taaaaaaaaa	aaccacctna	cangggcgna	cnac	714

<210> 4218

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4218

gnnnnnnnnt	tttnnaacttg	caatcgctgg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	ggctagctat	attagctggg	gttcccccca	aaagcaacat	120
tggagaagga	ctcatgggca	gatactttct	tctggaaaat	gatcccgtag	gatatgggta	180
gaaaaagaaa	ttgggaccag	aaagaatgaa	acaggaaaaga	aagaaagcct	attgaaggat	240
ataaaatttc	tgtaaacaac	tggagcttag	tcccactgag	gccccctgag	gaactgcgca	300
gaatgtaaga	cagaggagga	aatatttagc	caccagttcc	tatctcccat	tggccaactt	360
gatgctgagt	tcaggagtgg	tggctcacac	ctgtaatctc	agcatttttg	gaggccaagg	420
tgggtggatc	gcttgagcct	cagagttcaa	ggccagccta	agcaacatag	caagacccca	480
tctctacaaa	agaaaaattt	aaaaattggc	tatggaagta	tgaagggtata	tgctgtagt	540
tccagttact	caagaggctg	aagcaggagg	attgcatgaa	cccctgaact	caagactgca	600
gtgaactata	actgaacgat	ggcactgcag	cctgagcaac	agagcaaaac	tcttgtctca	660
aaaaaaaaaa	aaaaaaactc	gaggcctcta	gaactatagt	gagtcgtatt	acgtagatcc	720
agacatgata	agatccattg	atgagtttgg	acaaaccaca	actngaattgc	agtgaaaaaa	780

atgcttttatt	tgngaaattt	atgcta	ttgcttttatt	tnghaanct	aagctg	840
caattaaac						849

<210> 4219  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(794)  
 <223> n = A,T,C or G

<400> 4219						
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cccacgatt	cgaattcggc	acgagaacaa	ctccctacgt	cctgtgtggg	gccctgcccc	120
agtggatgag	gcatttcctt	aggagtatca	ttttccctga	caatccccat	caccttagg	180
ggttcctgc	ttggctcctt	tccagctgaa	aaactagacc	tgtgccattg	gggaagctgg	240
acaaagtcta	ggggggccgc	ctggtagagg	gtcccgagg	gctggatctg	tcagcctcgg	300
ccctgaggcc	cctgttaact	caagactgtg	agctgcctct	aggtggtcac	gtctgggagc	360
tagcttgat	ggcttctgac	cagtatcagg	atttctgttc	tgagagcagc	gtgggcagcc	420
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	480
ttggacaaac	cacaactaga	atgcagtgaa	aaaaatgctt	tatttgtgaa	atttgtgatg	540
ctattgcttt	atttgaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	600
ttcattttat	gtttcagggt	cagggggagg	tgtggggagg	ttttttaatt	cgcgggccgc	660
ggcgccaatg	cattgggccc	ggtacccaac	ttttgttncc	nttaatgagg	ggttaattgc	720
ccccttgggg	gaaaanatgg	gcatagnntg	tttccttggg	ggaaaatggt	attcccttca	780
cnaattccac	acac					794

<210> 4220  
 <211> 825  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(825)  
 <223> n = A,T,C or G

<400> 4220						
atanagctat	tggtcttttt	gcaggatccc	atcgattcgc	gcccctgcat	gatggcagcc	60
gcactcctgc	ccagagtggg	gcctggggacc	ccaacaaccc	caacacgccg	tcacggtcaa	120
cccacaatac	aaccgcgaga	cgccaggggac	gccggccatg	tacaacacag	accagttctc	180
tccttatgct	gccccctccc	cacaagggtc	ctaccagccc	agccccagcc	cccagagcta	240
ccaccagggtg	gcgccaagcc	cagcaggcta	ccagaatacc	caactccccag	ccagctacca	300
ccctacaccg	tcgcccattg	cctatcaggc	tagccccagc	ccgagccccg	ttggctacag	360
tcctatgaca	cctggagctc	cctcccctgg	tggctacaac	ccacacacgc	caggctcagg	420
catcgagcan	aactccagcg	actgggtaac	cactgacntt	caggggaagg	ngcgggacac	480
ntacctgnat	acacaggggg	gngggacaaa	acaggtgtta	tcnnnnagtt	gncacnggta	540
cngtgggggc	ccaagngtgg	gnggnntgaa	acagntnttt	ttttntnttt	gnttnccccc	600
ttaaaatttg	ganaananna	cccttttncc	caaaaatggg	nganaacccc	aaaantnggg	660
caaaaaactt	ggggatttgg	gggaaaaccc	ttaaangggg	caagggggga	gcntttnttg	720
aaaccccaaa	ngnggggnt	ntttaccctg	gatttaancg	ggggaaatna	agggangggc	780
tttccttttg	ggaaagggan	aaaattttgn	gccccaaaac	cttgt		825

<210> 4221  
 <211> 819

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(819)  
<223> n = A,T,C or G

```
<400> 4221
cgnnnnnttg ttgaaanagc naggtactn gttctttttg caggatccca tcgattcggt      60
ttcttgagct tactatgctg tccttcctat cactacctgt tggctgaggt agtgataggc      120
ctaaatgatt cattatctta aatgtactaa atatgttgag taattttttc ttctaaacta      180
acagaaagag agaacctagg agttactccc ttaggctggt taaagtgaaa ggtagccaag      240
tcaacccagc ttgtttcctt ctctcattag gaaagaacta ttgttcattc tcataacaca      300
ctttttccaa ttgcaaacat actcagggtt aaaatagttt agcacaaatt gcagcccatt      360
tcatttggtt ttcacaagct ggaacttttc ttgtaagcta aatattaaat gggtcaagta      420
aattggatac ataagcctga aactaggcgt ttctcattat acatagagta taaattaaga      480
cagacttttt catggtgaaa gggttacagc ctttaaaaca tctgggaaga agtgggaaag      540
tagggaataa ctctgttaaa tatgataaaa gacaaagcac caacaaaggc ctagttctaa      600
acttggtata atttctcatg gggaagtttg ngggttggtc caaggttatg ggcggtccca      660
agcaagttta ccaatatatt tttagaaata atnacctccc cagaaaatat ttttnaaaaa      720
taagggaccc tttcntttta atatggnaaa ananaanaan ananaannnn nnntnnnnnn      780
nnnnnnnnnn nnntnnnnnn nnnntnnttt ctnnnnnct                               819
```

<210> 4222  
<211> 766  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(766)  
<223> n = A,T,C or G

```
<400> 4222
naataccagc tacttggttct ttttgcagga tcccatcgat tcgaattcgg cacgagaagg      60
ccttaggctt tttttttgta ggggtgagagt gggggagaga tctcttgctc tggtgcccag      120
gctggtctcc agctcctggc ctccggcagt cctcccacct cagcctccca gagtactagg      180
attatgggca tgagccacca cacctagcca ggctttttat attgagttgg ttatatatgc      240
ttcatagcca cactttataa tattggagta tagtattaaa ttacagcttg ttgtcaagtc      300
agtgtttctg taagacagta tatccaatat tgggttagagt aacacctatt tggtgataca      360
gatcaacagg gtgtctctga ttaatttagc tcctacatag ccagaagcaa gttcattatg      420
atttagaata ttgtacatgg ttatgcagga atcatcccaa cctatctgtg tttataggtc      480
agatgatgtt cagtttatat ctgctgatag tgtatatgca ggaaaacct taaaaccact      540
tcagacttgt taaaacagtg agaaagccgt gattgaaata ttaatacaac ccgtgtggta      600
taaatttcat ttacantggg aatgtaaatg ctgtcatttg aatcttgnc aagcctgcta      660
ctaaaactct taaaancctt gctaggggaa taagtcttta ntnccaaaaa caatatanan      720
ggggatgtgn gtggataata caaggacaac catatgttgg tggcnt                               766
```

<210> 4223  
<211> 873  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(873)

<223> n = A,T,C or G

<400> 4223

gnagnntnnn	nntttgnaac	nctggctact	ngttcttttt	gcaggatccc	atcgattcgn	60
attntgaaca	agctgtntcg	tgtgtacagt	tgctgctgt	attgagccag	cagtgcctg	120
ncctgccctg	canngtctgc	acagctccca	ctgcttctat	nngntgttg	gcncgtgagg	180
catgacttgg	angggggcct	ggtgcctgag	gacctgctga	agagaatgct	caccaccagc	240
tctntgntnc	cctttctgct	ttggnaatca	acacgtgtnt	gcctgcagt	gccgngaccg	300
tgactgtttc	tgcccttgtg	cctagttaan	agccttcaaa	agcataatga	acactttnga	360
tatgatattg	gaactttagt	aaatgcttta	cttccctcta	attgcccnc	aatgccttaa	420
tnttgtggac	tgtttatttc	aacagggtga	agtgttggtc	ntgcgaaatc	ttggtnttcg	480
catttcaaga	agggagtgtc	ttattanttc	ttctttctat	ggaacgtttc	aagtgattgg	540
atntaaagaa	gggctctgaa	gcaggagttn	ncacctgctc	tgagggaaact	tggggctcca	600
gggacgtacc	ccaaatgtgc	gcccagnttt	gaaactccct	gacagcctgn	tactacntag	660
tgggctcgag	ggtttncann	atgaagaaga	gttgtncccc	taaaagtgtg	tgaaccctg	720
tggctttcaa	agcaaaggta	cccnttgctc	cancattntt	nncggnnagg	aggggnctca	780
ttggaaaacn	tgtngggcaa	ncctgntggt	ttttggctcc	ccctgntngt	nacaatnggg	840
accttntttt	gaacngtnng	gaangggcta	nnt			873

<210> 4224

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4224

caaancagct	ttcngacccc	ttcggaccca	tcgattcggt	gctctatgtg	atgtttatta	60
tcaaatacat	ataattttga	agattttaat	gaatgnntta	agattttatc	tttgtgtaga	120
atgtggctaa	agaaacctta	gttgagattc	aagaagtttg	tgtctgtttc	tgattcttat	180
cacaacttgc	tacttagtgt	ctaccaagtc	ctccacctct	ttgctcctca	aagagctgtg	240
aaaaatgatg	gcaggagccg	gtacaacacc	acagacttag	agaagggcac	agtgtgctt	300
tattgaatga	tctaccaagg	taaaattttg	ccgggtcaag	aaatagcaat	ttaatccatt	360
taaaggaatg	aatataattt	gaaacattaa	cttattttcaa	gactaacatc	tcaaagtgtt	420
gagacctttt	ttaaaagagc	tttctggatt	ttgagcatac	tttcactggc	tgtgatttat	480
aagaatttgt	ggtttgnnga	gtactgccta	aatgccaggg	taaaataagg	cagncccatg	540
ccttacctgc	cctgggctca	nggcctcaca	tccttttggg	acgcacatct	tttctcttct	600
cccttgntct	gctctcccg	agcatatacc	tcctagcccc	cagagcaaan	nnnnanaaaa	660
nnannngnnn	cnnnnannnn	ttnnnnnccn	annnnnnnnn	nnnannnnnn	naaaaacnnn	720
ngccttttaa	ananatnggg	gggncnnntt	nccgnnaacc	cccacnnngt	nanaan	776

<210> 4225

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(869)

<223> n = A,T,C or G

<400> 4225

gagtnnnnt	tttgnacct	tgctaattgt	ggctactcgn	tctntctgca	ggatcccatc	60
gattcgaatt	cggcacgaga	gcagattcag	tgtcgatgag	agcctgcttc	ctgcttcata	120

gatgatagaa	gtgcaaagcc	gtgtctgg	gcctttttta	tgatactgat	attcatg	180
aatgctctgc	cctcatgata	ctcaattc	ccaaaggccc	cacctcctaa	tattatcaca	240
gtgataattg	ggttttcaac	acatgaattt	gagagaaaca	cattcagttc	ctagcattag	300
cttgcttata	tttatttcat	ctcattctct	ctcatagctt	ttatttttgt	ttcccctgtc	360
caatttatta	tagttttttg	tctttttata	actttttaacc	atctttttaa	tttctcttat	420
ttattttctct	ttttactggt	gagttacaac	tctcggctta	ttcagtggca	aagcaggaag	480
agatggcact	gaggcatctt	gatacctgaag	gatcttttaa	ttcctcttag	cagtcttaac	540
atttttttcca	tcagcccttg	ctatagtttg	aatgtttgtg	ttctctttaa	aatccatggt	600
gaaacttgat	ctccaatatg	acagtggtaa	gaggtagggc	cttatatttg	agagcactac	660
aggggtgagta	cactcaataa	taatgnattg	gatattttaa	ataactaaaa	ttgtataatt	720
ggaaatgggtc	cctaacccca	aaggaaatgg	ataaatgctt	gggggttgat	ggataccccc	780
aattacccct	tatggngant	catttacata	ttnaaatgnc	ttggatcaaa	accattcacc	840
ancattcccc	accattaaat	gntntnnn				869

<210> 4226

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 4226

tnaaaataca	ggctacttgt	tctttttgca	gggatcccat	cgattcgaat	tcggcacgag	60
agggacaagg	ctataaatat	cattaatacc	aggttcagga	gtttgcaactg	cactaaaaat	120
caactcagct	atttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	180
cactttttaga	gaggcttttc	tgcagtagtc	aggggttaca	cctgttaacc	agccataatt	240
tttttttttaa	gcggctgtgc	tgaggatgag	ccccatgtag	ttggtgcagg	tggggacaca	300
ctgcctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtggctcaca	cctgtaatcc	360
cagcactttg	ggaggtcaag	gggggaggaa	cacttgaggc	cagagacaat	ataatatata	420
atataatata	ttgaccagcc	tggacaatat	aataagagcc	tctctgtaca	atttaaaaaac	480
taaaagcctg	gggtggtggc	acatacctgt	agtcctggct	acttgggagg	ctgtggcagg	540
tggattgctt	gaacctagga	gttcaatgct	gtagttagct	aggatcgtgc	cactgcattc	600
cacctgggtt	ggagtaagac	cctgtacaca	cacacacaca	cacaaaacaa	tgcacaatgt	660
gcatcaaaag	ggaagcgaat	aggctctgta	gtaggtggca	aaaggtgggtg	gtctgggaaa	720
caaggccacc	tgtggtgtgg	ggtgggaaaa	tgtttaaac	ctt		763

<210> 4227

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4227

gnnnnnnnnn	tttnnaactt	ttcaaatac	ngctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gccgctgctt	ctttcccgag	cttggaactt	cgttatccgc	120
gatgcgtttc	ctggcagcta	cattcctgct	cctggcgctc	agcaccgctg	cccatggcat	180
cctgatgggc	gtcccagttc	cctttcccat	tcctgagcct	gatggttgta	agagtggaaat	240
taactgccct	atccaaaaag	acaagaccta	tagctacctg	aataaaactac	cagtgaaaag	300
cgaatatccc	tctataaaac	tggtggtgga	gtggcaactt	caggatgaca	aaaaccaaag	360
tctcttctgc	tgggaaatcc	cagtacagat	cgtttctcat	ctctaagtgc	ctcattgagt	420

tcggtgcatc	tggccaatga	gctgag	actcttgaca	gcacctccag	gctgct	480
tcaacaacag	tgacttgctc	taatggta	tccagtgatt	cgttgaagag	gagtgctct	540
gtagcagaaa	ctgagctccg	ggtggctggt	tctcagtgg	tgtctcatgt	ctctttttct	600
gtcttaggtg	gtttcattaa	atgcagcact	tggtagcag	atgtttaatt	tttttttaac	660
aacattaact	tgtggcctct	ttctacacct	ggaaatttac	tcttgaata	aataaaaact	720
cgtttgnctt	ggcttctgca	aaaaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnana	780
aaaaaaaaact	nngagccctn	tanaactntt	nggggggccg	nntttacctt	anaatcccgn	840
accttggtgatt	angnatnccn	tttnt				865

<210> 4228

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1228)

<223> n = A,T,C or G

<400> 4228

ggccngtnc	ccttattgga	acctttctaa	tgctggnta	ntccangtac	cnntcgtacc	60
cacgattcga	attnggcacg	aggctccacc	cagttctccc	agttcntnat	ggacgactcg	120
ctactgctgg	cctngggggg	gttcctgggg	cgcacaaact	cctnatccgg	cgagattgct	180
gtcatcagcc	tanactcctt	cgcgctgctg	tcccgcntgc	ggaacaagnc	ctatgacgng	240
tttggtggtt	ggctcaccen	ngaccagcct	catcttnngg	aacctgcacc	gnattgnana	300
tatnacctnc	tgctntgtgc	tgnggcttaa	cnttgnctan	aacnatgtgg	agtnngagaa	360
cgtcaacgng	gtgaagcngg	ctgnttaaga	tccanaacct	caatgncngc	nncgtccgca	420
cggatgatgg	ggcccgctg	cancegnttc	nacagtcctg	anttaaaaca	gttnngccta	480
ccnnncaaan	ancnatncat	antnctnatn	tctntntttt	ncttcaann	tnnctctcn	540
ntacttanaa	tttnccttnc	naancntttt	cntnnttttn	tnntancntn	ttctnnctcc	600
tccnnntct	ctatcntgan	nttcanntan	tcttnnnnta	ctacattctt	canttcatan	660
tcnctcanan	ttnnnctcnt	annntncatt	atccttncta	ncnnanactc	ttatcacent	720
cgcanaacnc	tantnnctnt	tcacncnate	ttctaatan	catnctctct	ctcgncatc	780
tctnacnctg	taacntctat	atntnnttcn	ctgcatnctn	aataatata	ntacactcan	840
nacaananna	canacaccnc	tcatnttcat	acttntnaan	netcncctcc	tcatntnttc	900
tcgtcttnta	catactcaac	tactctatat	ancgtngacn	cnggnnatct	ctnccaannt	960
tctnctcac	ttnagtcacn	attntatcac	tntcacttca	tntcncgtct	ccntctaaca	1020
nmccattac	cntcantngt	gntnttnnct	cnetcaactn	ctntacatca	tnnactnntc	1080
tantcatgct	nanatatang	tcncttcana	tacnncgnta	nccngnnat	nttntctcan	1140
aaccacnnt	ctatntttat	tttcgtacac	tgcaatcnca	taatcttcgg	catcnttcca	1200
tccgncatct	ncnnnnnata	tcanntnt				1228

<210> 4229

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(920)

<223> n = A,T,C or G

<400> 4229

gngnnnnnnt	ttgnaacttg	ctaagtctgg	ctactngttc	tttttgagg	acccatcgat	60
tcgccaacat	ggtggtctca	aactccccac	ctcaggtaat	ccacctgcct	cagcctccaa	120
aagttctggg	attgcaggag	taagccacca	caccgcctct	cagtgcctgg	acttctgcag	180
tggacttcct	ttaaaaatcc	tggaatatac	actgcagtag	agaacaaag	catacttcag	240

tcgtttaagg	ctgaggtatg	ggttcctt	ttactgcagt	gtatattcca	cttaaacg	300
actgaagaag	aatgtcaagt	ggaagtgg	ctttggtttt	cagtttggtg	gctctgaatc	360
cacacaaaga	caggattgct	ttctgaaaac	ctgaattaat	tattgtcctt	acctcaataa	420
gacaaaaaat	tagaatcaaa	atcgtttagta	ttacagtcac	agatatcacc	aagattagtt	480
tggtgttata	gccatatacct	ggaacttcct	tcgtgagcta	aaaaaaaaaa	nanaaaaaaaa	540
nctngagcct	ntagaactat	agtgagtcgg	tattacgtag	atccagacat	gatnngnatn	600
cattgatgaa	ntttggacaa	accncaact	tngaaatgca	tttgnaaaaa	aaatgcttaa	660
tttgnngaaa	attnnggga	ancntatng	gctttcantt	tngnnanccn	nttntnnntn	720
cnnggccttt	anaccnangn	ttanctacca	accnaattng	nnattnnatt	ttnnantggg	780
ntnnaagggg	ttnaangggg	ggnaangnt	tnggnaagg	ttttntnaa	nttnnnncgg	840
gccnnnnntn	ccnaantnca	nttnggncnc	cnngccnccc	anantttttt	gnncccnttn	900
tatngagngg	gtnaanncct					920

<210> 4230

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4230

gnnnnnnttta	annnnnnnnnn	ttttnaanat	acaggetcct	gttcctttttg	cagggatccc	60
atcgattcga	attcggcacg	aggtgattcc	tatttcaata	tgtgaaacac	ttaaccaaag	120
aatatatttc	gatgaatcct	aaacttgcc	taaaaacaga	agagggttaa	aagaatttag	180
aaaaaataaa	gttttagagt	gtttgagaat	gtgtatataa	aatattttca	aagccataat	240
atggatgctc	ttatggctca	gaagcatgcc	tactagaaca	cgtctcggaa	tgagagatgt	300
ttaattctgt	cacctcccag	aaagttttgc	agggtttctc	acttgaattt	gcttcccttt	360
gcaacctcct	gtcctgaagg	cccccttccc	acctggaaat	gctgaggcat	gggtgtgata	420
agaatcagtc	attttgaaga	gaataagatg	atgactttat	taacatttcc	atatatgctg	480
attgtgtgtg	tggcggggtg	ggggctgggg	tggaggctta	aggcaaaagc	tagaattagt	540
catatgaatt	atgggcttgt	ttggagaccc	acctgaggct	canccttagc	cctcaccac	600
ctggggagtt	tactacctgg	gggccccctc	tgncatgcc	tccacttcca	aaacaattca	660
attgcttttt	ttttgggtnc	caaaaataaaa	ccctcagcgt	agcttcttgc	cnannnnaaa	720
annnnnnnnn	nnnnnaaaac	tcganccctn	taaaaactat	aagtgaggtc	ggttttaccg	780
tagatnccna	accttgataa	gaaaacattg				810

<210> 4231

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4231

gnnnnnntttt	caaatacnng	gcctcgtgct	tttgaggat	cccatcgatt	cgaattcggc	60
acgagagtca	ttacaagtta	ggatcctggg	taaatggcaa	cctccacctc	ccaggttcaa	120
gcagttctcc	tgctcagtc	ccccacatag	ctgggactac	aggggcacac	cagctaattt	180
ttgtattttc	agtagagttg	gggttttacc	atgttgacca	agctgggtctc	aaactcctgg	240
cctcaagtga	tccgccacc	ttgacctctc	aaagtgtctg	gattacaggc	atgagccatc	300
acgcccggcc	acgtgtttg	ttcttaatga	cacagcttaa	ctttattgtg	aaaagattgc	360
agcaacaaat	gagattttac	ctgtatttgt	taaaaatgct	tatccttgtc	taagactggc	420



aacataagca gttcttaggc	atgcc	atggacacta ggcagtaata	tgca	480
gctaataagaa aatattggag	gggtgta	ctaaggaagt tctcaatctt	cccttcac	540
tatcttctgt aatgtaactt	caataaatgt	gattctcatc ttggcacaaa	attgggaaaa	600
aaaaaannnn nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn nntcnggcct	ntaaaacttt	660
agggggggtcn tttttccntn	naccncnc	cttganaang aancnttng	gnngngntt	720
ngggcccanc ccccaacntg	gaatngnnng	ngaaaaaaa aggntttttt	tnggnaaaat	780
tnggggnngg ctttngnntt	ttttttnan			810

<210> 4232

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4232

caaactnnag ctactngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggtc	60
atgcccggct aatttttgta	tttttgtaga	tacagggttt	naccatgttg	gccaggctgg	120
tcttgaactc ctgacctcag	gtgatcacc	gcctcggcct	cccaaagtgc	tgggattaca	180
ggcgtgagcc actgtgacgg	gccttacatg	caatttttat	ttatagccag	tattagagaa	240
ttactaggaa atttcatttt	tatatttagt	gggagaaagc	catctacagc	atgtcttcaa	300
gcatggacta tctgtaacat	acagtgtgct	tgcttttgaa	ttgnttgant	gttaaattggc	360
cgtaactgat tgnattttcg	ttaattgtta	atanataaac	cagatgttct	gaaatctgtt	420
cttaaagcag ntgccctcaa	tggtgntttt	gcctncctgc	ttctgagcct	cttgggntta	480
ctggagagta caggtcataa	agagacctga	actcttggtg	tatcaaccat	tatgtcatcc	540
tctnactgcc aacatttttna	aacagactga	ggntngcctt	tcgtaanaaa	catntactta	600
catattgccca ttccttggn	tacctggggg	aaagcccnna	tcgttnttag	gacttnanan	660
ggaganacac aggtctnttg	aaanggatgc	cgggggctta	atnaaataaa	aaacttttgg	720
ntcaataana agtctggnat	taaaaacaan	attaattcaa	catttntggn	agaaggnacc	780
ttggggcngg gaat					794

<210> 4233

<211> 927

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(927)

<223> n = A,T,C or G

<400> 4233

nntggggntt tcnnnncntg	ggatactntc	tctctgnagg	ngncgatggg	attcgaattc	60
ggcacgaggc ggagnaagag	gggtngtnng	ttggaaggag	gaattctcct	ttagggaaga	120
tgtctgggaa ggnctntctg	agagagtggc	cttngaaaag	gagaccctaa	ttggntgacg	180
gatgagaggc tgaaccatgt	aagtatctgg	ttggaaaaca	ttncaaagcg	ctncagangg	240
tntgtgcaaa ggccnttgga	canggtcacc	cnnngnttaca	tggccncnt	nagccagcct	300
nntaaagnaa agggtnctat	naacaaattg	cnnaaancct	nnnnaggtn	gnanaggag	360
ggagaggcnn tggaatgttt	tgctngaata	gggttagtag	tgcccctnca	tgattgacca	420
gttccccctc tcnanaatgt	tncctnactg	ncgcaggttt	atgtagnngg	ggncctgcct	480
cccatanttn gnccctctn	tancttggn	cntgggntgg	gatgaangtn	catccganna	540
cancttttta nagttgccn	netgtctcna	ttnacnna	atnaaaagc	aanngtngg	600
tcccnancac cccaaggatt	tcccttnggg	tatcgncc	anaanaaaagc	aanngtngg	660
atcaaaantaa tgggcnccca	ncantttttg	aattatncta	cncctgnaga	ctcccnttca	720

nttngcnttt	taaaaanccn	ttntnn	cgggntnggg	tgcaantnnc	naaatt	780
ctaaacnnat	cttgnnnacc	cnccctaaa	cntggnnng	gncccctaan	ccctccnact	840
tcaacaaaan	ngtgaanttg	catattatct	tncatttttg	ntctntaang	accnnaatgc	900
nnngngntat	nannncanan	nncnnn				927

<210> 4234  
 <211> 809  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(809)  
 <223> n = A,T,C or G

<400> 4234						
ggnnnnnnng	nnngttnana	cncccnnnnn	ttttcaaata	ctaggctact	cgttcttttt	60
gcagggatcc	catcgattcg	aattcggcac	gaggtttagt	ctttagctg	tatagcattc	120
cattgtataa	cttataat	atattatggg	tgtactattg	atgaacattt	gagtagtctt	180
cagtttggaa	ctaccacata	tggtgctggt	atgaataact	ttgcacaggt	atgtgaacac	240
atgtacacat	tgagttggg	atatatacag	tactgaatta	ctggcttata	aatatcatta	300
aattttaaaa	acaaaattaa	ttgccacaag	catattattg	tatctttgaa	ttttaaacca	360
aattaaaaat	tctatgagtt	gttgaatatt	ataattgtac	tattaagttt	aaattgtctg	420
tgactatagc	tataagacga	tgcccatggt	actttgaatg	gcaacactag	caaaataata	480
ttctaaggaa	gagggacang	ttttggggga	caactancan	tgtctgtagc	ataatataga	540
ctacaaattg	attactatat	cacccatgaa	tttagctcag	actcaaacac	aaatttantt	600
tctttaaaaa	atagaaagtc	catttatntt	taaatggggc	ctgattttcn	nanaaaaaac	660
nnaaaannan	aaaaanccgn	ccctttaaaa	ctatagggga	gtncgttttn	cttnaatcca	720
gaacttgata	ananacattg	ttgagtttng	gccaaaccac	aactagnatn	gcantgaaa	780
aaaatgcttt	tttttgggaa	atttgggat				809

<210> 4235  
 <211> 853  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(853)  
 <223> n = A,T,C or G

<400> 4235						
agngtnnnnn	ttttctaacg	ntggntactc	gntctttttg	caggatccca	tcgattcggc	60
acaattggta	ttcaaaccga	agtctgtttg	actcccaaac	ccatactttg	aacctgaagt	120
ctgtactgct	gaaagtttct	ccttattgaa	gaatttatat	tttgcattaa	tttatgtctt	180
cagaattata	caaagtattg	ggccacacca	aatttgagtc	tggtatagta	gccttcttgt	240
aaaaaattat	atcatataac	atttttatga	ctgtgaagac	ctcttaattc	ttcaggaagg	300
agggcccttt	ttcaaatacag	acatcctggg	gtttttactg	accttatttc	attctctgaa	360
gaatgaagga	atttccact	ttgtagtaag	tcatggaatg	tatagcattc	cttctatagt	420
tgaaccagat	aaatattagc	aagtctgttt	agaatatgac	actggaagtt	ttttcctgtc	480
tttttttaaa	agaggttttt	ggaattatag	tcaatctgaa	acttggtctt	actaataaag	540
aagtgaacc	taagtgaagt	cccttgctcc	ctgatggctc	ttggtataag	tctcacttaa	600
gtttctctga	cgattttcag	ggttnatttt	tgtgagtga	ccaaggaacg	gtgtattttg	660
atttgaaaac	tgaatggntg	gaggtgtgta	ttggaagcaa	tagtctgaat	ctttttgggg	720
gtnatatact	cctttttgaa	gctgatgaaa	gcttnggnaa	acntcccana	aaataaaccc	780
ttaatccngc	ncatnaaang	gaannttngc	atttcnnntt	tnngcngacc	cngntnaata	840
tncaattntt	nnn					853

<210> 4236  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

```

<400> 4236
nnnnnttttta agancagctc ttgttctttt tgcaggatcc catcgattcg cttgctcatc      60
ctcatttggt aaactgctac gttaaatgtt tcaggatatgt ctgattgacc tgggctgctt      120
ccgagaaatt gatgagctaa taaaaaagga aaccaaaggc aaaggttctt tggaagtact      180
caatctgaaa gatttgaaga aggagatgag aaatttgaat gacacccatc agtctcttca      240
cctctaaaac actaaagtgt tttcgtttcc aacagcactg tttcatgtct gtggtctgdc      300
aaatacttgc tcaaactatt tgacattttc tatctttgtg ttaacagtgg acacagcaag      360
gctttcctac ataagtataa taatgtggga atgatttggt ttttaattata aactggggtc      420
taaactctaa agcaaaattg aaactccagg atgcaaaatc cagagtggca ttttgctact      480
ctgtctcatg ccttgatagc tttccaaaat gaaagttact tgaggcagct cttgtgggtg      540
aaaagttttt tgtacagtag agtaagatta ttaggggtat gtctatacga caaaaggggg      600
gtctttctaa aaaaagaaaa catgagcttc atttctactt aatggaactt gtggtctgag      660
ggtcattatn gnacgtaat ataaagcttg gatgaatgtt cctgattatc ttgagaaacc      720
agatnttgaa aaattgnggt cgggccttaa ataatttcgn tggacatgct gncataaact      780
aaaatat                                           787
  
```

<210> 4237  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(819)  
 <223> n = A,T,C or G

```

<400> 4237
nnncgngtn ttnaacncc agngntttag ccnagctatc gntctttatg cngganccca      60
tcgttcnaat tccgcacgag aaancatcaa ggtggctgnt tgnnagcant gatgatgacg      120
aatctgattc tngatgac agtaatacnt naaaattnaa ccncaanttn ngggcngagc      180
tggacaanaa ggtnntgaa nactnaanat anttagactt ncctnntgtn ctnatttttt      240
gacataggtc ctnaaatctg gntnaangca ggcgccccctt atcctacntt atntcatcng      300
ggngtctant aggagagtga ganttnntgtg atccnntntg attgggnan nngtagatgg      360
aggcggctca cataccaatg ttggaatnta agcagtgcgg ggaggtntac atnngcagtn      420
ctctccnaa gctaattcnn ggngcagggg cnatnatnca tggtnnttgt ctgtctgtgg      480
aaacaatgna tttangcnn cennctggca cennctgacag atcttcggat gntgctcttg      540
tntctaaaaa ctgggtgtcn agangaacac tgatgtatgt anatgaaaaa aaatnctngc      600
ttaggganng nggaatcttg ctgaagngaa aaantnaaag ncctngantt tttttncaan      660
ggntntttgc naaaataann ttaaacgaat tgtacnnaac acntgaaacc gtangntggg      720
ttttnanttt ttnggggngn tnaaannntt ttggtccaan nnnggcatgg nccttncccc      780
tttctatatt aaaaaaggnt tcggtancnc aaaangaat                                           819
  
```

<210> 4238  
 <211> 1421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1421)  
 <223> n = A,T,C or G

<400> 4238  
 gngngnaaca cngaananag aaaccnanna aacggcncna anancnggna aanacangcn 60  
 ncggncncng ncangaaccc nttgcaacnn ncctntangc aganccanc ganncgngtc 120  
 ngnaangccn gctgcntggg aggccagggg caggntaat tcnctgana nnnagancag 180  
 gngaananann nngccgggcn gggngagaagn nnaacggaca atgncacatt caaagcanga 240  
 nccacccana nagcgnagca nnggnngaag ccagggaang gacnctgn canttgaaa 300  
 actngggaag ccngaaggan cgagggggcc tggcggnccn acaanagnag ctcantngaa 360  
 gggacgttna cncaannggg acgcnagaac ggggccaanc aagatacga aggggaaann 420  
 ccggnacgag agcccnnggn nacggcncnc ggaaanggct agaaaaaga ataaaggggn 480  
 aanngatcgn aggnatngag ggccatnggg ancacaggcn caaaagnggc cancaaagan 540  
 cacagnggaa gngnccanag nactncgggn cgggagatca ggggngata aantgaataa 600  
 ccaagggcna nggacncgaa aaaaggngng nccaaaaang ggggncnna aaggggggag 660  
 cnccaaaaga ggncaaaana aaatngccng aggggcnaga gaaaccnccc ncagaaggan 720  
 ggggngcaan aaaatcnaac cnnnnggggn naaangnggg ggggggaaa gggacnntca 780  
 ccaaaggcnn canaaaaann ngaaggngcn ccccccncna aaaangnaaa aangggaaaa 840  
 accnatntc nagttcagg naaaaagtng gggggaaaag gccnaaaan aaattaaatt 900  
 naaggangaa anccnnngag annaaccccc canggcaaat ngggccaaac atgggnncac 960  
 ncgggcnng gggggcatng ggcccccaaa tnggncccc ccnaccgggn aaagggggg 1020  
 aaaaaaggan cggggngana aaaangngcn gcctccata gggcaaccat ntgcacggg 1080  
 gccnccnaa attngggag ggnaaanncn aantcgcna ccaatgttaa ngggaaaagc 1140  
 aaccggcaaa agggccatnn ggaangangc ccngnaaac caaanagaca ncaggntagt 1200  
 gaaccttcn aangggaaat aagatnccgg naaaaggcaa ggncgnaag aaagtngaaa 1260  
 nccgangnaa ccngangana aggcnaana ngggaancna ttacannncn aanaagnagg 1320  
 caangntgn ggaaagaaag atccaaagcc cngggngngc agnatgccng gnaaaantgg 1380  
 gaagntanna ngancctgcc aaaggcttng gaaaaacnnc c 1421

<210> 4239  
 <211> 864  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(864)  
 <223> n = A,T,C or G

<400> 4239  
 gnggtnnnnn ntttncaann tnggctactt gttctttttg caggatccca tcgattcgan 60  
 ntncnaggcc ggggncctgt catntngat catnatcttn ngntatgaat nggaccttta 120  
 cagtcactga caggacaaca acaggctgga gtnggngccc atnctgctgn ngtgcctnna 180  
 agaccacanc cctnanaggc tntggtcct gctgtgcatn gccattgga tggcggggg 240  
 ctatnactc anactagtac ctacntgat cagatgncag aatcaaccaa atnntgcaga 300  
 tttcagtcng ttgtgaagta ttgtgctgat caacatgtag aacgactaac attcatgatg 360  
 aagccgagaa acatncacaa gtcctgncgg ctnaaaaagc ttatgatcct gcacgntntc 420  
 tnatagtngg ctaaacagat ggtataaact gacgaanaga cagctgctac tgctcctgcc 480  
 aatgtgagca aaggcacaat actacttgct ccaggacctt aacctgttcg aagaagattg 540  
 taaattggaa gatgaattta ggccagaagt ngatgaacat acncaaaaana cgggtgggct 600  
 tagctgctgn ncntgcatca caacctnntn ttncagntc tgctgggaac gataaganng 660  
 tnttcangca tcaattagnc gtaataagga aaccngcanc gatttngncc aaatggmata 720  
 gcctattgca gggncnaatt taaaggatgt nctnnngag anaaattacc tgggaagttc 780  
 aactgggaac aacntcnaac cattntctna cctataagcc aantggccgt taactgtgaa 840  
 catncttggg ttttaaaann gcnt 864

<210> 4240  
 <211> 468  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(468)  
 <223> n = A,T,C or G

```
<400> 4240
ntccttttga ntacntntac aagctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcaccgag atttcaacat actggtgtct aatcatcgtg actcccccaa tttctctttt      120
ttagaggaaa gtattgtaca gatgtatctt gaagattata atcttggttg attattgcct      180
attctcactt taggaataga tggatgacgc ttatgacttg tgttgataaa cgaggtagaa      240
atattgctgn cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata      300
aaccatctaa tgcattgtaac agtgatcagc aaattaataa attagacctc tattcatgct      360
taaattatca aagctaatat ttaaatgaga tgttctatct taattaaaat ttctggcacc      420
atcgtaaatg agacttagaa tttcaactag tgtatttagc tcttactt      468
```

<210> 4241  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(476)  
 <223> n = A,T,C or G

```
<400> 4241
gtntttnnnn tttgantnca aatacaagct acttggttctt ttgacaggat cccatcgatt      60
cgaattcggc acagaagacc aagcgcatgc gancctcttt caagcctcac cagctccgga      120
ccatgaaatc ctactttgcc atcaaccaca acccgcatgc caaggacctc aagcagcttg      180
cccagaaaac aggtctgacc aaaagagttt tgcagggaga acaaactctg gggcattaca      240
gccaaacatc cgcacgtttg aaaattccct aaagtattaa aagaagggga aaagtttgat      300
cggaaatcca ctgcagtga gacaaagaca ctattagggt atgataatca tacattaaaa      360
aatttattaa gccaaaaaaa agagagagag agagacttaa atgtcattta ctgaatgtta      420
acgaaacttg tgttctttat ggtgtctaac acaactgaag gcctaaaatt atgtgg      476
```

<210> 4242  
 <211> 846  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(846)  
 <223> n = A,T,C or G

```
<400> 4242
gtntttcnnc aannngtggg aactcgctct ntctgcagga tccctcgatt cggaaatata      60
gngagatgtg ggatgtgaat gcccatgaaa gacatattat tacacttgaa tatattcttg      120
cttcacttta ccctncataa natgntgtac attagtgtcg atcangttta cagagntaca      180
tgggcgcttt cctaaccatt cagtnangaa ttaaaatatg gcattgtata acaactggga      240
agaagctcat agnggatata aagtagagta gataatgggt caccttggat agcctctgat      300
acattcttgt atatgggcaa aataatgatt acctatacgt gtatttaagc ttaagcatca      360
```

tataaacagt	ctttttaanc	ggtaaa	ntnmatnata	tntaaaagct	tctcta	420
ggnagtcctt	aagtnattag	gnactt	naaaaagatt	tttaataggt	gncaccgg	480
tggmntcatg	cctgtaatnc	cagcacttcn	ggaaggtcng	angcaggccg	aatcacctga	540
aggtcnngga	anttcgagga	tcanaacctg	gccaaacatt	ggtgaaaacc	ccntgggtctt	600
aaacttaaaa	nntttttaaa	aaanntaagc	ccnggccntt	ggntgggnan	aggcgnccct	660
ggtaaaccn	aagctntcct	ttaggaaagg	cttgnaggcc	anggagnaaa	ttancnttgg	720
aancccnaaa	gggggcanaa	annctttncn	gtctcngcnn	aagnaatcgc	antcaaattgg	780
naactntcan	accntaangg	ggaccaagna	ancncnnana	cnttnattct	tcaaaaaaaa	840
aaaaat						846

<210> 4243  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

tnananctgn	tncncnttca	aatnctnggc	tactngttct	ttttgcagga	cccatcgatt	60
cggaagagg	atgactgggt	atgctgtgcc	acccttgagg	gccatgaatc	cactgtgtgg	120
agcttggcct	ttgaccogag	tggccagcgc	ctggcgctct	gtagtgatga	ccgtactgtg	180
cgtatctggc	gtcagtatct	accaggcaat	gaacaagggg	tggcatgcag	cggctctgac	240
cccagttgga	aatgtatctg	tactttgtcc	ggcttccact	caaggaccat	ttatgacatt	300
gcttgggtgc	agctgacagg	ggctctggcc	acagcttgtg	gggatgacgc	gatccgcgtg	360
tttcaggagg	atcccaactc	ggatccacag	cagcccacct	tctccctgac	agcccacttg	420
catcaggccc	attcccagga	tgtcaactgt	gtggcctgga	accccaagga	gccagggcta	480
ctggcctcct	gcagtgatga	tggggaggtg	gccttctgga	agtatcaacg	gcctgaaagc	540
ctctgagcta	cctcgacttt	ggacagagta	atgacttccc	cagaaaacgt	catataagac	600
ttttaccagc	ccctgaanga	ccaagagggg	gccattcctt	tgaactttca	tttaactttg	660
gnttnacttc	tctttaaaac	ttggggtaga	aantgcaaaa	gccncanaa	attgcttttc	720
cnttcccccg	ccttttgaac	atgaaggnc	ttnaattaaa	agaagcttcc	cggaaccatt	780
naaaaaaaa						789

<210> 4244  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

nttcctaattg	tttcggnctc	ttncctccgc	ttctaangct	tggcgtgcac	tccagcctac	60
atgacagagt	gagaccctgt	ctcaaaaata	taatnataat	gaactgagac	tcanaaaaga	120
tgtttgttca	nggttacaaa	gctcagacag	gacagggcag	cattggaaac	caaaattggt	180
ctgactccta	gctcatgctg	taaatcacgg	tgcaaggctt	ctactatcta	tgttgttcct	240
aaaagaatgt	ataaatgaaa	agatggttaa	catattaagc	aaaatatgtt	aaacgtcaaa	300
tgaactgtat	aaacgataaa	tgctggagag	ttgaggtggc	aaagaactca	tgcccagagg	360
gatctgggaa	ggcctcttga	caaggtggaa	ttatagctgg	tttttgaaga	atccgaaagt	420
gcttagattg	aaaggtgaga	catgtacagg	aatggtttct	aagatgtcat	attntatctc	480
tgtcctcatc	ttgactggca	ctaatagaac	tcaaagattt	caacctaaat	acattgagtg	540
cccagtatgt	gaanggcctt	atztatggty	gtttaaaagc	tttttaacat	actttaaaaag	600

aagggactgg	ttaatctnca	cttagat	ccattagacc	ccggaccgga	cccang	660
ggccttttggg	aatggcgtgg	ggacagtc	ttncactttt	gcacataccc	aaagaaagaa	720
tggnccctttt	gggaattttg	cagacctaca	atctggagg			759

<210> 4245  
 <211> 842  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(842)  
 <223> n = A,T,C or G

<400> 4245						
tccccttgaa	ancccntaac	caggcttcnc	angncaaacn	ntttggaaaa	nccaanacnn	60
aaaanaaang	ggangggnac	nncngcacgn	ngcaagagan	tacacaganc	ngacngnttt	120
taacgañnat	cgnaaaacc	caaattggang	gannttgagn	cacntgcnaa	agggcccaac	180
tgctcanttt	aaaaaagagc	agngtccgac	annngcaaag	aaangcagan	naagaggcaa	240
ggaccccaca	gaacacatan	ctgaaaataa	tncngaataa	ntnnacaaca	cgggtggggn	300
aattcaanng	gacgnaagnn	ngcatccntn	nttcctnata	ancctcaa	gnaatcggga	360
aggcaangnt	ggccacaatt	ccacaaan	acgggattta	ccatnannnc	tncangattt	420
caccaggata	ccatantcaa	ggagtga	gaaaagtggg	gaaattcaag	gaacttggga	480
cccacnnngn	nanaccntta	aaaatnaagg	gactcntcaa	gaaaagggaa	ccntnangag	540
tcnnaaaaaa	aggggaagang	aatggaangg	ggnccataaa	ggccccnggn	aaaagggatn	600
caagnaagaa	anaaaaatgc	aanttanaaa	ggactgggaa	gaaagganaa	naggnnncag	660
gcgaaaacag	ggcccatcta	ggaanccngg	ngaaantaan	tncngncnag	aaaaccnnn	720
gcaaaaaggg	naantcgnnn	nnacnnanta	aaancccnnc	aanggatngg	caaannnncn	780
aaagggntag	aaangncanc	ngagcgagnt	acacgnanaa	aanncnata	ananntaann	840
cc						842

<210> 4246  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 4246						
gnncccttnn	ctntacanta	caagctactt	gttctttttg	caggatccca	tcgattcgta	60
tctgtctgtc	ttgatctcta	ttctagcctc	tttttctgat	tgccctctc	ccctctcttc	120
tgtctgattg	gcctgtatcc	ttccatcacc	ccatctgtct	gctggattct	ccctgtctgc	180
ctgcagtaat	gtatgtgata	gcactttata	aattataaa	cactatgttg	tataaaacac	240
cattatcact	ttgtcttcct	tcttacctta	ttttttcttc	ctttatctgg	cttcccttct	300
tctctctttc	tctctctctc	tgtttgccctg	tctgcacccc	ttttgggtgat	tttgccctgcc	360
ttctctgtca	gtcaatctcc	attccctccc	tgccagccta	tttttctgcc	atccctcttc	420
tctgtctgct	cagttcttgc	atctctcctt	ctgtgtttcc	aggtttctct	atatttcttt	480
tgccctgtgta	gtctctctgt	cgttaggcct	tttatctatg	cctgtgtgtc	tcactgtcta	540
nctgcttgct	tcctgtcctg	tcactttcat	tgtggggcat	caagtctctg	ccttcttctg	600
tctttcaagt	acttcaaaaa	ataaaaaatta	aataaaaaat	taaatcctta	tgataatggg	660
tacangagaa	attttttgtt	taatgagaag	atataaggng	agacaaagaa	ctcaaaatta	720
ctgtgaaagc	aatgaanaaa					740

<210> 4247

<211> 465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(465)  
 <223> n = A,T,C or G

```
<400> 4247
agccttttgc nacncgtttc aactacttgn ctttttgcag gatcccatcg attcgccaga      60
aagtgccttt acatttttgt cttggaacaa ctntgcaatt tcattcttgat ttaatatattc      120
tagtaataaa gcatcttccg actccacatt cttatctctg ggcagacatt ttattcttaa      180
gaattgtagt gnttgatnag aagctnaatg gagatgatta acgtgtcaat gattaataat      240
tataacaaca ttcaaacact tagaaattat agnatttcat canatgtctt tttaaagagg      300
catttctggc cagtttgtgg ggctgacctt tgggaggctg agacggctgg atcacttgag      360
gtcaggagtt cgaggtgaga ctggccaaca tgatgaaaac ctttctctac taaaaaaaaa      420
aaatacaaaa attggccggg catgatggca ggcgcctgta atccc                        465
```

<210> 4248  
 <211> 1070  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1070)  
 <223> n = A,T,C or G

```
<400> 4248
ggngggggnn ttttttnnaa annnnnnncn nttttttgg ngaaaaaagt ccccgccagg      60
gccttacctt tgggtntnct ttttttgggn ccaggggaat ncccccaatn cggnnatttc      120
ccggaataatt tccggggcca ccggaaggaa aaaaccaaatt tantnaaacc ttcaaaaaat      180
gggccctttt tcntaacagg gnacttaccc aaaaagcctg gtcttggtan tcaagggttt      240
aatgggggtg tttaaaaatc cataaaattt tctggggaat ccatggaatc cttaaaaacc      300
ttttaaattg ggtttcccat tttcttacnt ttacttcntt ttactaaaca aaggtantcc      360
ctggaatggg cctggaaaaa atnccatggt ttggnaaaaat tttggaaaagg tttttggaaa      420
ttttttccca ggaatccaaa aatantggaa aaaattttta ttttttccaa ttttttttaa      480
aaggtaccaa aaaaataatc caagtttggg antaaatcaa ttgggtaaaa aaaccattaa      540
aaaatttttg gcttattaaa aaaggaattt tttaaaangg gcctaatttt ggaattttaa      600
aaccatttta atttacctta aaaacctctt tttggcttan gaaatttttt ttttaggaaa      660
atttcaagcc attcggggaa gggaanggaa atggtggacc attaaattaa atgggatccg      720
aaaaggcccg aaaaggtttt aaaaaagggt tgggtggaatg gcccntcaca atggggttgg      780
ggaanggggt taattctaag ctttcttaaa gggactggaa tgggtttggg ccacaaagga      840
agtgggtccat caaggtcata aattngggtg aagacttaat gggcttanaa ttttatggna      900
tttataccct gatggtattg gaattgagat gaatatttta tgaacaaaaa tggagccatt      960
gtgtaagaag tatagtatta aatataagtt aaaacttgga attttaaatc cttggagtat     1020
gtnagccctt caagctctt gangctgaag gcccgattnt ttgcagtggg                       1070
```

<210> 4249  
 <211> 1336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1336)



<223> n = A,T,C or G

<400> 4249

aggnnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngnnngnn	ngnnnnngnn	nnngngnnngn	60
ggngngggngn	nngnnnnnnn	ngannnnngn	gnnnnnngnn	nnnnnggnnn	nnngnnngnn	120
ngnnannnnna	gangnnnnngn	nngnncnnna	ngangggngg	nngnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	gnnngcngnt	angntgggaa	aaaanccccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttgggccnn	gggggnaaan	cgccccaan	ccgggggaag	300
ggggcggggn	aanatgtgnc	gggggncnaa	ccggnaagg	ggaangnga	nagnnngng	360
ggannnnng	nnnggnnagg	ggnnnnnnngn	ngnntttttt	ttntnnaan	aggccnagnc	420
gangnnnggg	nnnggnngg	cngnnnnaag	ggggngggg	ggggggagnt	angggggcan	480
gnnnaggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggncnngg	540
aanggaggng	gnnnagnnng	nnngagnnac	gnggcgnng	gngngnaang	ccnncngggg	600
gcngggngan	gngnananca	nggggnanag	nagangggag	gngggaaagg	gnggggccgg	660
aantgnngga	gnggcaagg	angnnnganc	ggagggangg	gggcgagagg	angagccnat	720
cgagnggggg	naggggngac	aggaanggan	aagnangggg	gnaaggcgng	aancgaagg	780
gggggnatga	ggaggagann	gngagngctg	gggggaagg	ggnannggg	gggggnngnn	840
gagnnggna	gngggnggg	ggangangat	gggagcnaa	cggtggacaa	aacggcggn	900
caggnggggc	aggnanaaaa	gggccgggag	cggngcngng	ggggagngc	gnggtgtan	960
gaggcaggna	aattganng	gagacnngn	gngcgnngga	gggnngaana	gngnnnga	1020
naagacggaa	cnaagtggag	gagggggnan	nnggcgcagg	agagngagg	ngtanggnag	1080
anananangg	nnaggacng	ngncngngg	nngagtagn	ggcgcgang	agngngagg	1140
gagcgngan	ngagggngg	nacggggatg	gggangncng	ggggngnnnc	gcggggcggtg	1200
gggacnccng	gggggggggg	gggnnaagn	ancnngggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gngggggggg	gagagnaang	agnacnggg	gggggnnacg	nnggggnnga	1320
gngcgagnnn	gcgcgg					1336

<210> 4250

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4250

tcngngagt	gtatgtctcg	cntcnccgaa	nagcaggcg	ngcgaattcg	gcacgagncn	60
aaaacttngn	aataanncac	tttcatttnt	tttctagatt	ttgtacatct	caggccatat	120
nagcaaagct	tgntgatagt	gnaggntnct	aaacgctgca	aatnngcagn	ctttaccact	180
acaaagaagt	ctggatgatg	gatnctctgc	tnttngtcaa	aatagttact	gctgctgtag	240
aaatttcatt	tttagattna	actgtgntgg	atgagctatc	ataattcaag	tatacattgt	300
cttagnctat	caaataattca	ttgtcatgca	gtagtagtna	aaacatcnna	gatgcagcaa	360
gcntattaag	anntattttac	taaaagaaat	aggaggcatt	tacatcttta	ttattgtact	420
cngggatatg	caaacnctnn	gatantataa	acagttatgt	cccctataaa	tcnggtcagc	480
aacctcnntt	gattatgctg	gggnaagtca	aatagtntgg	aagtaggtag	agtnctggnc	540
nacaaggtgn	ttcaaancct	aannattngg	aacacngggg	nccaagggct	nnaatcntta	600
aaaggaaaac	tggggnttta	ntgcactnaa	accgtttntg	gngccntang	gttcnaaann	660
nccanaacct	tgaatnnant	gtggtanccc	ctgggncaaa	anaaangncg	ggnattancc	720
cactggnncg	gaanaacaat	tgcctaaata	aaggtncccc	caattgaatt	ccccnanaaa	780
nggcctnaaa	anggntcccc	tntttccaaa	gnaaant			817

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1351)  
 <223> n = A,T,C or G

<400> 4251  
 ttggnggaaa accctttttc caangagntg gganaaacnc cgategcccc naangcgnnn 60  
 ggggcanaaa gngcnatnca gancgnngna antnnagccn ntttttancn cccacgngca 120  
 ananangcng annaaccngg gnatnaanaa nngnggcccn nngncaaana nnnanacncn 180  
 atggccnnga angnncnacc cttacnnaac ncaatanccn ncganancag aannagntga 240  
 accnnnnnca cntnacaaaa nntctagann nccgntcacn caanaagncn cnnngccann 300  
 acnnnacnnc nanncnancn ncngcangga ncncacnccc cncncgnnnc canacnanca 360  
 ngacngacnn aatantncag annacncgag cmtgacnta annacncaan tagcannngc 420  
 cnctcgngngn acncnnaact ntngnngagc ncnnagngnt mnnnagctnt acgcnnccgat 480  
 agananagcg naaaacngan nnnnnnctnt cnanannnag actangacag acnnngncaa 540  
 cacatnnnta gaacnnngca cacatntcta ncgntatcan cagnncaggc annnnacaca 600  
 anagcancac nngantgann cacaanaatc acgcntngaa tnnncntnnc tnannnnaca 660  
 caaccaanat nnaanaatgn aagnacaccg aacactnnac angcagacta nactcngnca 720  
 cnnaananaa gaactgacng acannacaaa tanaaacggn ntctacatca cagangtacn 780  
 nncagacana ancnnncngna nnacaancgg cncacacagn tanacntntc atagcnntcn 840  
 ancatccnc agtgacacaca agngcncgna aannntcatn tcnctanana cggatnccat 900  
 nataggaaca gnnanctgcn tacannnctn ncaagnaagc nacagatgcn cgcanganac 960  
 gnaagnnncn nnatnctgca tgcntngcnn ancaaaggn angatnaten nanatncaan 1020  
 nngcngcata caannngtcg nctaacacng atctgcatcc atngacggat anacgtngag 1080  
 tangcctnnt cacctcnmna gatctgctgn ncganatcan cacnatangc ntnaanagtn 1140  
 nncagaacag tacnagactg gnnantnaag ntannatngt nttnagtata ataanncaca 1200  
 ngnagntaga cnncaancgn ngnacnanat nccnngcann cgcaaanaga gcancnnan 1260  
 gcgnaccgac cgcagctaan acanacnact ntacnncaca aancntnga ggccgntcta 1320  
 atnctnecatc nnnncacctg nacngnagccc g 1351

<210> 4252  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4252  
 taaanmtnat ggntggntac ttgntcttta cgcaggatcc catcgattcg aattcggcac 60  
 gagggagccc agtggtcctg ttcattgaaat ctncctttta ctggaaaaca ggaatattga 120  
 ctaccaaatac acaatgcaat tgaagccgta ctgctttttt gagcagttat tcattccagt 180  
 gattaaaaact gattgtgcan aatattctaa gaggncaanaa attggngtgt ntaactacat 240  
 ttttagtgat gcaattnatt gattagttag taagatactg agttttattg agagatttga 300  
 ttattataaa gtaaaaatac ngctgnatta ggggttacnaa cagnaaagtg tcttaatgnc 360  
 tnangagggc atnttanctn cactacaaaa ccanatnttg nctgtacttn tgaanagaat 420  
 nttgtngntn ctcagctgnt atncaananc tnaggaagnc tntatggntg cnttctatga 480  
 catgtgnatt gtgatntgca tataagnatg ggtggngtgc nataccatat tctnggtnt 540  
 taaaatctat cactttncac cttncacttt gacgtggtaa aactttaaaa accaangtgt 600  
 gnaaacccnc nggnttctta aaatacnagg ccttagatct tatcagncgt tttgacaaaag 660  
 cagggttttt caangntcc ctcctnanan ttttttnnaa cgggtcaaact aangnnnttt 720  
 gaggnaagct cttagtttga ccggaaaagn tgggncnt 759

<210> 4253  
 <211> 1382

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1382)  
<223> n = A,T,C or G

<400> 4253  
nnncggnnna nngaannngn gnnnnnaggg gnngggggcc nnggnganng gnnnaanggnn 60  
gnnnnnnnna nngnnggaag naaggngggg aaaacagggg naanggnnga caaannnnac 120  
nanngnanaa naggnngnngn ggggngggan gaaanagggc gnaagggang gnaaggaann 180  
gggannnncg nngnggnnnc ancnnnnnnn annccnnnnn gngggnnccn nttngntggg 240  
aaaaaacccc ctttttgggg gaaaaaaaan nccccccngn nngnnngngg naaannnnag 300  
ggngaanaac ccnncgcng aaagaangng gaanggnntc anggacnacg nnangggcga 360  
ncgcccagag ggcannggg gnagcnngca nccannnnnt tnccaacgaa gggnananaa 420  
cnannagncn gcanccngng cagggggngn ncgncgangc gcnnnanagn acacacaaac 480  
taanaagaan nggaaganan naacananna acgaaangaa ccggnaaaaa gagacgggca 540  
nngcnganan aggagcngga cngnaggggg anccnacngn annaagcng gnagnnnngg 600  
gnngaagagg cngcncggaa ngcnnnnnac antccgnaac naaanagnan naangactag 660  
gcaaccngaa cnnccagcag ggnnnncnann gcgganncn nnacnagcgn nngaggggna 720  
agcgcgcggg acnaacgggg nccncggann ggganngaaa angccgnaac aaaagangga 780  
cgnaaaaacn acncananaa cggnnagggc ccngcagcnn aagnagngn ggagggcagg 840  
gnangcggga aagcgggaga cgcnnccagc gagaagcgcg cnaangaaan ngancgggcn 900  
ncgcgcnngg nanncgngcc ggnannagag gacnnatagg aagtgcacna ncaaacgcan 960  
cggcatcnca ngaggngang ngatgnggat anagngancg ngananncna nagaganggg 1020  
gagagnaagn agancgcgga angnacanca angcgnagaa ccngagagc gnnccangca 1080  
ngngagaang gnannagagn nannganana cggngcgagn gangnnnnga cacganggac 1140  
acgcgcggag aganncgcn acatgaagna ancggnnnga tgggaaannn gannganana 1200  
cgganggaan cnggggncga gangagang ngaggcncac cnaacacgga gggggagcna 1260  
ggtagnggca nnaangaga cgcggacgaa aacggganaa ccgaaanggn ggngcaanga 1320  
nannangga agacgcacgn gnggnnggga gnaaannang ngggaanacg aanaaaancg 1380  
cc 1382

<210> 4254  
<211> 1245  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1245)  
<223> n = A,T,C or G

<400> 4254  
cgatacacat cntnnmcaaa tgatatchat ntaanatata aatatnttnc ntnttnatac 60  
tctgcaannn aagaaaagan anantnaggt gctgttgaan ccatnancctc ttgttttttt 120  
gcagnnccca cgnttcgaat tcggcacgag gttttcctca ggcacaatga gccactgcag 180  
gcttttgagg agaagagtga caagctgnag agctgtgttt taggacagct atcctagagc 240  
tatgtgtggg cagagagtac aagcaggtta tttatgaggc tngggtaaaa aggcagacag 300  
gggacacatt tgtcatatgc cctattgagg cncanaatca nggaacagga ggtctgcngg 360  
ttncangaca ggccaaatca ngganaaaag ggactatccg ggattancaa gtcactggtg 420  
atcganatat cactttcttt gaanntttan aaatggtttn tgttancact tgcannnctc 480  
ttcattaana naacctgcca caaaccaata aanttannng tttaaaatag aatcntgnag 540  
ttatananan cccaatggga anctnggnta atanntnta nngggaanac tnttnnngtt 600  
naaaaaggga aanntnnggg aaancccgnt nanangagag nggnagnntn tggcataana 660  
gacgnggnnt ctctctcta aacganatac gaatacctct tncgcnnnt acncnnnngg 720

tgntnnanaa	acgntatntt	●	cacggg	antctntgtc	gtttttttaa	●	aatnag	780
nagnacncaa	tacataantn	n	agcncgc	gtnanaaana	nantgnacgc	t	annataa	840
aactcttntc	ngtatnggcc	n	ctaanctac	ttaanggana	aagcttaata	ta	angntgat	900
ggcaagggtg	ccccntgtag	ant	cnttacc	nattgtctca	acgatctccc	ta	acgttatc	960
nnnntngaca	ccatgacgc	at	ngangen	cacttantnt	gaacngtaa	a	gnntttnt	1020
gggggtgcnn	tannaatacn	nan	gtcnnca	tencntttm	nggttanant	nt	cncancn	1080
tngatataaa	gannaaataa	nt	gggtgcaac	ntatattttt	cggnnacnna	nn	tatattct	1140
ctntgggna	tncatgtctn	cat	ncgtgc	ttatcnattt	ntngtaagna	g	aaaccngtn	1200
aatntcttat	gaannmntnt	cn	ntttcgta	atttgaaana	ccncg			1245

<210> 4255

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4255

aggnggnatt	aannnnnttt	ttanannngc	ngctcttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagaa	acaatataac	tcaaagtcc	ttctacagga	ctacaaagct	120
gtctgtatca	ggttatgggtg	ttaaatcata	atctctggat	catgatctta	aacctttaat	180
tggttccatt	tctactttac	tctttactaa	caagtatcct	gatgggctg	aaaatccatg	240
ttgaaatttg	aagtttgaat	tttccagatc	aaatatgaaa	tttattttca	ttttttaaag	300
tacaaaatat	cagttgtata	atcatggtaa	aacataaaa	tttgctataa	aagattttta	360
aaggctattt	gattaaaaca	tttattttact	taaactcttt	gctagaattt	tttttagaat	420
tcagcatcgg	aggaggaatg	tgacataata	atgatcgaaa	gccgaaagtt	taaaagttgt	480
gatgccctca	catggttgga	gggttattct	agcttctaag	gactgaatgt	tgtccacaag	540
agtgtcatca	ggtcataaat	tggttaagact	taatggctta	gatttatgta	ttataacctga	600
tgttattgna	ttgagatgaa	tatttatgaa	caaaatgagc	acattgtgta	agaagtatag	660
tattaaatat	aagttaaaac	tttggaattt	taaataacct	gggagtatgg	taaagccctt	720
tccgaagtct	cttggagggt	tgaaaggccg	nattcttttg	cantgggn		768

<210> 4256

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4256

tggngnttta	nananncngg	ctctcntctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgaggtaaaa	catgtaattt	ggacatgcaa	gacaatgctg	ctgccaaacta	acattgcatt	120
gattcattaa	gatgttattt	ttgaggtggt	cctgggtcttt	cactgacaat	tccaacattc	180
tttacttaca	gtggaccaat	ggataagtct	atgcatctat	aataaaactat	aaaaaatggg	240
agtacccatg	gttaggatat	agctatgcct	ttatggttaa	gattagaata	tatgatccat	300
aaaaatttaa	agtgaaggc	atggttagtg	tgtgatacaa	taaaaagtaa	ttgtttggta	360
gttgtaactg	ctaataaaac	cagtgactag	aatataaggg	aggtaaaaag	gacaagatag	420
attaatagcc	taaataaaga	gaaaagcctg	atgcctttta	aaaaaatgaa	acactttgga	480
tgtattactt	aggccaaaat	ctggcctgga	tttatgctat	aatatatatt	ttcatgttaa	540
gttgatatatt	tttcagaaat	tataaatatt	attaatttaa	aatttgaatt	tgtgtttgac	600
taacaacctc	gatggatctt	cttncaacct	nccattaaga	tcctgcagaa	gaaatagaaa	660

tattcaaata ttgcaagggtg	●	tgtgag acaacttatt ataatacgtg	gttcta	720
ctgganccat ggaaatggtt	t	gaaaaa		749

<210> 4257  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(466)  
 <223> n = A,T,C or G

<400> 4257						
tgnttcnant	nttttacaac	tacttgttct	ttttgcagga	tcccatcgat	tcgnattctn	60
nacgaggctg	cttactaagg	cttnnactgn	nanatcgntt	gaccnntnn	gtcgntngct	120
gcacatgccn	atattnnnnc	gacnnngctn	nntcctgngc	ngntangnga	tgacctgnnt	180
cnggacacaa	tggngaangn	gtagnnggtgc	nngacatngg	cgaaattgtg	ngcnactaga	240
antngtgnca	angcnngntt	tcacatancc	tnnnnnnnct	acttgccatn	ttnnantgan	300
cttnctgcct	cacnacattc	ntgngttcat	aacnngacnc	nctaagngna	caactccgaa	360
cccacattgg	ncaaaaaaaaa	cnacatatgc	tnacngttcc	tnctgccccat	gtgnncnntn	420
aacttgnatn	atcttanact	gaaccagngc	tccacccatt	catnct		466

<210> 4258  
 <211> 464  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(464)  
 <223> n = A,T,C or G

<400> 4258						
tngatncctt	cgatcagctc	ttgttctttt	tgcaggatcc	ctcgatncgg	cctatcttag	60
agaatcatct	gctcanncct	tattcctgca	gaatacaaat	gtcacattct	aacctgttca	120
gagattgtct	tcaanataaa	antgtgattc	ctacatggna	tgnaaaacaa	nctacactnn	180
tnggcaaaag	gcattattag	ggntngattc	cataatgatt	gagtnctntt	nnnnagtata	240
ntcatgcanc	tgaacaaaat	gaagctcatt	ccactgcntn	gaanaatnnc	acaaatgtga	300
tgctnaanan	aggaagccac	gtgcanacac	tnactatata	attntatgta	catnaagttc	360
agnatccgga	tagttaccnn	tgnaaaggan	gtaactnnan	gagnttgagg	aggggnttct	420
ggtatctggt	taatgnactt	ngtaccantt	acccaanagt	gnnt		464

<210> 4259  
 <211> 882  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(882)  
 <223> n = A,T,C or G

<400> 4259						
gnagentnnn	nnttttctaa	ngttggctac	tcgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcatcct	gtccttgga	accctttctc	attctccaag	cctggtcagc	120
tgctgcaca	ggcagaggtg	ccctcagccc	aggttagcaa	cactcatagt	tttgccaatt	180

accagtagac	actagtggaa	ctaact	ggaacttcct	ctctccttcc	atttcc	240
tcaaacttgt	tgctttacac	gacacatg	caaatgtatg	ttttaaacac	aaaaaacag	300
atcatgccaa	atgagttgcc	tgtcaaaggc	tggagggcag	gaggagggcc	tgggtttggg	360
ttctttcctc	ccagcctttg	gatggtgcct	tgggccctt	agccccagcg	ccagggcctt	420
ccagctgagg	ccacaggaaa	gcactttttt	atgatgtact	aaaagccaca	gtatgtggca	480
actgcaaaag	gatcaggaat	ttagggatg	atctcgggtca	cgtgtcccgg	gccgctgagg	540
ggaaaggaag	cgggcatgat	tgtagacaat	gaggggggtc	tcttgatgta	atgaaatgca	600
attttatggg	ttgggtgcaa	aactcctatt	ttccagttaa	ttacttttat	ttctaaagca	660
tatttttgat	ttncatcna	nagcnataaa	gcattaaaat	tctttaaaaa	aaaatnactn	720
ntctcnantn	ctccanatnc	aaaaaaaaact	tcgnncntt	naanaccttt	ttgngnggtt	780
cntnttttnc	cgngannccc	cncnttnnn	nctnngattc	cntttgnctg	tnntttgnga	840
cnaaccccc	atactnagan	tnctccgcaa	aaaaaantcc	nt		882

<210> 4260

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4260

nngtgnantg	ngatnttggc	nagcgccatg	antnnnggag	tcgancgann	nncggcacga	60
ggagaaccnc	ntaaagccct	nannttccct	ttttttngna	ngaagnggga	gtanatggnt	120
ngcnatntan	nccnanangg	cacnntnnan	ggaggngnaa	ccactctgac	gttnnatngg	180
cantgagagn	tagancagag	gctgncctgc	ntggaagctg	atatacccta	taatncanag	240
ggnnnnagac	nantnttgng	aaactcggtt	anacattcta	tttanagaca	tgctgtgctga	300
tatgacntat	atttttatag	ggatacccnt	ttatngctgg	gacatnaanc	ctgnttncac	360
tcnaaatgnn	cctgctttca	gaaaatagaa	cangagacat	gccgaaaaca	gngnttctat	420
tattgtgnat	tatgantttt	gttctntaga	actattttcc	aactcatctn	nttncttgca	480
gctgnggaat	ctggacagcn	aaatcttggt	gacgtttatt	ccactaagcc	cagggatgag	540
atggcactca	ggttaaagaa	ctaacatttt	ctgaaccctt	nattaactat	ttaccagcat	600
caggccctct	aagtacaagt	gtcagaatcc	ttcatttcaa	ttttttcact	cngggcattn	660
cccattacaa	agcccatcct	attattgaac	ccnaanttna	gcaaaccact	taggtctgcc	720
acttaagaan	tcngngnnnc	aaggttgccn	aagaa			755

<210> 4261

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4261

tgtgttttct	nnctgtgggn	actggccttt	cnncangaag	cctggccggg	cgaactgcna	60
ncggcnncnn	cggaaagggg	ntgnncaann	gnaatttntg	cngntnangn	tgtatacacc	120
ttggangann	nnntgngcn	attgcngntc	tnngangtat	tcangncnnn	taaattcntc	180
atnancnca	cttccatngt	ntnntcngnc	acatgctnnc	antntatnat	ncntgngaaa	240
ngcngantat	cnatgctaga	cntnnntgca	ggctgngngn	ncgganntgt	cntgacnnca	300
aactgtttac	tctnantgac	tgtgngggcn	ttntcnnat	gaaaannngg	gcagtattcc	360
cttnctaaan	gagntcnnag	gaagaagatg	agaancgggg	tggnatcagn	aactganngg	420
gcacngaagc	acgtggnaga	ccctcnnana	atgatgtgan	nggaccaaaa	gcntgatcac	480

caagcgcttt	cangnctgga	nnncnc	gnatccatan	nagtcntgtn	aggacc	540
ttnnaggnat	catnnncng	ggtgtngnn	aatgagcatn	gtgtggtaca	ctgacgntg	600
tcccctggtg	cntactntgt	aattcatgct	ncactagatn	agncnagnac	ntatatncgc	660
ttcggcactg	tgtgctngta	ccnaccncnc	gttggaccgt	nattccccctt	ncaatgtgtn	720
anatnttngg	ttgggcct					738

<210> 4262  
 <211> 461  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(461)  
 <223> n = A,T,C or G

<400> 4262	
ntcntngata	canctacttg
gcaattgtct	atntatcttt
aagccacntt	atntctagtc
tnatgttnct	atctgatntt
aggcgcttct	ccccccccct
tatttanaga	tgctgtaact
ggaaaatcac	tttgctaact
caaaatttta	ttttgtgctc
	atntaagttt
	caaacttact
	a
	60
	120
	180
	240
	300
	360
	420
	461

<210> 4263  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 4263	
anngannctg	nnggtcgtgt
ggatccaaga	gggcnncact
tgtgggagcg	cctgggtctg
tccgctcact	ggcctacatg
agcagcagca	caaaaaggcc
ggcctatgtt	tggaccaaag
ctgtgggagg	gaagtgctaa
aacctcctgc	aacctgagc
tgtgccagta	aatgggggtt
tttctacct	gttccctgac
acattcatgg	tgtgacagac
annnggtttt	nanncnnga
tttntgnaaa	aaannntttt
	ggccttttt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	749

<210> 4264  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 4264  
 ngggggtnttt atanaatcca ggcctacttg ttctttttgc aggatcccat cgattcggcc 60  
 acatcggggg caccaccctc catgcctttg caggcatcgg ctcaggccag gtcctcttag 120  
 cccagtgtgt ggccctggcc caaaggccag gcgtagcgga gggctggctg aactgccagc 180  
 ggttggtcat tgacgagatc tcaatggtgg aggcagacct gtttgccagt ggccaggcct 240  
 atgtggccct ttctcggggc cgcagcctgc agggcctacg tgtgctgact ttgaccccat 300  
 ggcggttcgc tgtgaccccc gtgtgctgna cttctatgcc accctgcggc ggggcaggag 360  
 cctcagtcctg gagtccccag atgatgatga ngcagcctca gaccaggaga acatggaccc 420  
 aatcctnctg agcctnacc acaaagagga gacaaaaggg ttggcctgtg gcctncccg 480  
 cctcctgctn cctatggccc anggccccag ggaataactg gagtaggcag gcagtgtccc 540  
 cttctgtatt ttttanggac tntaaccttc tgcagggtta aaggagagaag tctttaaaacc 600  
 catataccaa ctgtgcttca gttcttttan ttttgccctg gtaaaactgct gtagggtcag 660  
 aattaccctt tctgtgccaa ttganaatga acctgtgtgg tactgatgtc agaggacaaa 720  
 ctntntgaan ggcttgaaca nacttga 747

<210> 4265  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 4265  
 ncntttatca aancgnttgg gctactcgnt ctttctgcag gatcccatcc gattcgaatt 60  
 cggcagcaga aagaaagggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag 120  
 tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggc 180  
 acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga 240  
 tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga 300  
 tcgaaagtca tataagcaca ggagcaaaaag tcgggacaga gaacaagata gaaaatccaa 360  
 ggagaaagaa aagaggggat ctgatgataa aaaaagtagt gtgaagtcg gtatgcgaga 420  
 aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgaggtca 480  
 atgggaccag ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct 540  
 gattnagacc tcagatcaga cagaggacta ctggttcgaa gattttttgga anaatnctga 600  
 ngaacgggat aaagtgaaga tcgmnctttt aaaaaaatga ggttgaaaag aaagctatna 660  
 gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttaaaa 720  
 ggtaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttt 780  
 ttattcccct tgg 793

<210> 4266  
 <211> 811  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(811)  
 <223> n = A,T,C or G

<400> 4266  
 tnnnaatcnc nnnaagcctt tgttnaacc ctttgctact ngcncttttt gcaggatccc 60



atcgcttcna	attcggcacg	cttatncc	agtatctgnc	ancagaatgg	gtgccc	120
atcggtggagc	ctgagatcct	ctgatggg	gaccatgact	tgaagcgctg	ngatgtgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgtgenc	cgacagngc	cccccgctgt	360
cactggggtc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgccenn	tgctgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agcctngcct	ggcaaggaaa	gtncacttnc	600
gagccgggta	ggctagggct	tgctgcaacc	gaagtccctc	ctttggtnnt	ctaaccatcg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagncc	720
ttggcccca	tttccnantt	tttgaaanaa	ggnagnccg	ccntncttta	nngggcttcc	780
aaaccttggg	cttaganccc	nggctttttt	t			811

<210> 4267

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 4267

ntnccntttt	nantacanat	acaagctact	tgttcttttt	gcaggatccc	atcgattcgc	60
catgcccagc	tgtaatttct	tattaggtgc	cagacattat	gaattttacc	ttactgggtg	120
ttgggtacat	ttggatgtct	ttaagtattc	ctgagaatta	ttctcagggtg	cagttagggt	180
acttatgaat	agtctaattc	tttagagtct	tgctttcaag	ctctcttagg	gcaggagcag	240
ccttttagttt	atgactaata	tggtccctggt	actgagacac	taccattcta	agtacctaaa	300
taccaaatgc	cctgtgtagc	atgaggcatt	tcactctggc	tgataggact	gtgaactagc	360
ctcaacctta	tatggtcttt	gatgattggt	ttgcctgttc	ccttctgtgg	ttcttttccc	420
gtgtcttcct	tactcacgct	tactgctcag	tactcagccc	gaagactct		469

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4268

cgttacttcg	atcaagctct	tggtcttttt	gcaggatccc	atcgattcga	aaaccctac	60
aaaaaaactt	taaaaaaat	ggcagcaaag	ggtagttttc	atctgggtgc	ttttatttaa	120
gttttttaag	ttaagaaaag	ctggtgacat	atttatacgt	ttttgtgcaa	aaataaatga	180
atggcaatag	attttaaaaa	atcttattat	gtacttctgt	gtgaaaaagt	ctgtataata	240
tttcccttaa	atatgcatta	ttttacttgt	gagttttttc	tgaattaatc	tgaaatgtca	300
agccctggat	ttgctacaga	gtgagaagtt	attttatttt	tttttatttt	taattntgga	360
aattctgcag	aaatcanaac	tcttaccatg	gtttgaacaa	aaaaagggga	aatggggagg	420
ggaaaagggt	gggattgtcc	ancatgcttg	tatgtatatt	tca		463

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 4269

tccgtntgan	taccgttaca	ngctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacagaa	gaccaagcgc	atgcgaacct	ctttcaagca	tcaccagctc	cggaccatga	120
aatcctactt	tgccatcaac	cacaaccg	atgccaaagg	cctcaagcag	cttgcccaga	180
aaacaggtct	gccaaaagag	ttttgcagg	agaacaaatc	ttggggcatt	acagccaaac	240
atcccgcagt	ttgaaaattc	cctaaagtat	taaaagaagg	ggaaaagttt	gatcggaat	300
ccactgcagt	gaagacaaag	acactattag	gttatgataa	tcatacatta	aaaaatttat	360
taagccaaaa	aaaagagaga	gagagagact	taaatgtcat	ttactgaatg	ttaacgaaac	420
ttgtgttctt	tatggtgtct	aacacaactg	aaggcctaaa	attatgtg		468

<210> 4270

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4270

nncttactna	aaccgttttg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggac	ctatcttgat	ctggatagta	aagtgaggac	tttaaaaaag	tttattaaat	120
tactgggaga	aatcatggag	cacagattca	agacatatca	acaatttaga	aggtgtttga	180
ctttacgatg	caaattatac	tttgacaact	tactatctca	gcgggcctat	tgtggaaaaa	240
tgaattttga	ccacaagaat	gaaactctaa	gtatatcagt	tcagcctgga	gaaggaaata	300
aagctgcttt	caatgacatg	agagccttgt	ctggagggtga	acgttctttc	tccacagtgt	360
gttttattct	ttccctgtgg	tccatcgag	aatctccttt	cagatgcctg	gatgaatttg	420
atgtctacat	ggatatggtt	aataggagaa	ttgccatgga	cttgatactg	aagatggcag	480
attcccagcg	tttttagacag	tttatcttgc	tcacacctca	aagcatgagt	tcacttccat	540
ccagtaaaact	gataagaatt	ctccgaatga	ctgatcctga	aagaggacaa	actacattgc	600
ctttcagacc	tgtgactcaa	gaagaagatg	atgccaaagg	tgatttgtac	ttaacatgcc	660
ttgtcctgat	gttgaaggat	ttgtgaaagg	gaaaaaaaaat	tctngactct	tgatataata	720
aaatgagact	ggaggcattc	tgaaattgaa	aaaaaaaaaa	aaat		765

<210> 4271

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(466)

<223> n = A,T,C or G

<400> 4271

nnccnnttna	ntanagatac	aagctacttg	ttctttttgc	aggatcccat	cgattcgctt	60
ggggccagga	tcttgagtc	cttgcttggg	gataacttcc	tggagagctg	ctcagtcagc	120
tatacccttg	ggagtctttt	gttgaggag	aaataaatgt	cattttgcaa	agccactgat	180
attctgtggt	tatcacggca	gtttagagag	gaaggatggg	ggaaagctgg	gttgcgctct	240

agccttgaca	cttcctgcct	agtggtt	aggcaaacat	ggcaacccca	actcan	300
ctgcctcagt	tttaaggcat	gggtctt	tgtgaggacc	atataagcca	gggagggg	360
tctagaccaa	gcatagtgt	tggaagaaag	ggcgtgtgtg	ctaattgattt	atgtctcttt	420
tctttctgag	agtcttgctc	cccaacacca	naggtgagac	cacctg		466

<210> 4272  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(465)  
 <223> n = A,T,C or G

<400> 4272	
ttcncttttna	tatagataca gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct	ttagccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaagcc 120
ctgccccagt	tacagaatca tgagcaaata aatggctgtt tctgttttaa gcttttaaatt 180
tttggggggtg	gtttatgtgt caataataac tgaaacagat aatatataca gaataaaactt 240
tagttttaat	aatctaagta aaagcccact aattcattat gcagaaaaaa atgatttttt 300
tgagacgggg	tctcgctctg ttgccaggct ggagtgtgtg ggcacaacca tagctcactg 360
cagcctccac	ctccctgggt caagcgatct tcccacctca gcctcccag tagttgagac 420
cacagtgccc	ttggtgtggt ggaagcaagg tgccatgtga taagt 465

<210> 4273  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 4273	
nnnnactntn	tcnncatnnn cngancnnnn ntctcgngac antttgnna acngntntgt 60
ggggnnngnn	nnanntnngc nnnnnnnnnn nnnnnncnaan cettggaaac ctncctnngc 120
cgatcnnnn	ntgcannatn ccgcnngngg gactngnaan cnngnccana taatnagggn 180
ttnnnctgna	cnnggcaaaa accccannat taggnanggn gcgctaggng gcccnananc 240
catgnagtgg	cacgncgnca nncngttgtt tnnccaaten nnaattcgna tcgcctcggn 300
ancgcccctg	gggtangggg acactctgnc nantggncn actgntnana anaaggganc 360
nagtgtcnng	angncncg cttacncnag ngaatcctnc cngngnccg ggngactagg 420
ggnggatnch	nncangaagg nnnggagccg nagaacanac ntgggtgacn ggntgngaca 480
aagnnnccgt	cnnaaaaatg ctangggnaa nnacanaagg agnntcnaan tgcattanna 540
ngtgangttc	caacgcccna tgaaaaagg annanggaaa gtcgcacant gattganang 600
ggncgcngn	ngngcatatn naaatnnanc 630

<210> 4274  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

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<400> 4274
tnnnncnncan ncnnnccnct ncnnnntn gantnnnnnn nnnnnacntn cangnnng 60
tnncatncan naagnnngta ntntngtcgc ntgnncntnn nncnnntatc gnaatnnnnn 120
nnnnnnntnc ttncctttgg taaccccttt tnnccntgg cntnacncat gnaaccgta 180
agncggngcn angcnatagc tatnaacgaa catttnncnt ngctacggnn nattgnactn 240
acgcngncnt gtangangcc acnttnacat gcnaggncgg cacaccgggtg naataatngn 300
gtcgtntntt ggggtgcggcc ctaacgcttc cnttngcntn agncangng cctnagactn 360
ttacagnngc attgganaan gncgcggcgt naccgctgc nntacncaat naaggngtgt 420
gaaacacngg acntgggttg aaaaacnntn aanccngatg gcngagcnta agccccnggg 480
gngcctgagg aagcgtgcag cnaggtncn atganaaatc acttgtgncn aaacggacaa 540
tganctgcgn agnggaantc tgngcncgtt aggncacnca nntgtnnatt gggcgcatg 600
aanngncatg actccnnc 618

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<210> 4275

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1446)

<223> n = A,T,C or G

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<400> 4275
gngngnann gggnggggna nngnggaggn gngngngggn gngngggngn gngnganggg 60
nnngccnna nnggccggag cnggggnnc gngngagag ngcnngnaaa gccctttgga 120
aagncggag nngagtggng ggccgncgga gagggggggn ggggagngg ggnagnggg 180
gggggggng nngcncgnnt gagnggngg gngagaggg gngcnnnnng gnggggggg 240
ggcngcngg gngngaggg nnggnnggna gngngnnng aaggnggngg ncgangnnnn 300
agtggangnc gngagngcgg gggaanggag nngcngggg ngngngggg gngngnggg 360
agggnnagga gggnnagagn gncnngtggn agggagncng gnnngggaan gagcgaccng 420
gaggggaang gnagggann gngngaggg gaggnnggn agncgnagag agggncnggg 480
nggannacg annacggng cnangncntn gaggcnnccn nggggaggcc nannanggtc 540
cggggggnhc aggaaggann caaggggaatn aggaaaanaa gncgccaagg ggnnggnaag 600
nngaaannnn gcanngggg ganngccggg agcgganng gngagngan agggnaagg 660
gggangaang cgggnnggg ggaaggagng gagnganaaa angggccagg gagggnggag 720
angngngac cnnnggnana ncaangggng aaangcngga ngggggnaga gagngggan 780
naaccngaga nggaaanggg gangggggcc aaagggggg gggagcccn gggngggaaa 840
aggganccag nttaagaaaa gagccggggn agaggggng ggaanccaan ngtgngagag 900
ggcgnccgaa gatggngaga nnaaaccagg ggganagcat gggggatnan aggganaacc 960
cganganga aaggcaagg gaaacncggg anngggggaa ncgnaagccg gggngggcng 1020
ggnaanggg aanagngng agggggggaa ggggaanant gaaccnnggg nagggaaaaa 1080
cgggggggaa ntnaaaaaag gggggggaaa aggaaantgc gggagccaan gnntgaaaga 1140
aaaanaaata gggnaaggg gggggggaga naggggnaaa aagggcctga catagaggng 1200
gggggagagt atgggnnaaa gaaaaaggg gngntnnaaa agggncncng ngaggtanga 1260
ggggagggng ggtngggaga nagngaanag aagagcgaa agatnagtn naaaaaangg 1320
gngganaaan ntgcgcagg gaagctggg aaagggngg ggacccann agccncggga 1380
anatgtgncn gggaaaanaa gggggggggn gnaaganag ggggaaaana aaagggccca 1440
ccnggg 1446

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<210> 4276

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4276

ggtgggttttn	angnnnnnttt	ttctantngc	agctacttgt	tctttttgca	ggatcccatc	60
gattcggntg	gctctcccag	cgtctgacct	ggcgtgtctc	tcagtcccat	cccaaggcga	120
tgttctctac	cgctagatgg	agcatcagac	ctcaagtcaa	gancatccca	gttcactgnt	180
gcttnnggtg	gctctantct	gggagggang	gggagacttg	aaaatgggan	gatctcattg	240
gcttgctaag	gnttnggatt	tacctcntat	cactggagac	ccattgtagc	gacaangtca	300
agggaaacnng	aacttgttta	ctatcngtgc	gctctacatt	gaattttaccg	acaaactctg	360
tgannaatcn	gatatgaaca	atgcacnctn	nnctngtctn	agacannnnn	ttannaagaa	420
ggngcacact	gaacnnnctn	acagcactnt	tngntagggg	cactgtactn	tgacctgnat	480
gaaantntan	ccgaggccan	aatngaccna	ctatnaagct	taacacngat	tnnaggnata	540
taatnaatga	nnattnaana	tgancctgan	ctannagctt	aatagtnctg	atgggcctnc	600
atgtnatntc	aaaggncctt	gaattggcta	cttanaagga	naatggccaa	tngnacgtgt	660
tnnangaaag	ggaacacagga	aangcnccta	gtcccantgt	aatgngtcnt	nggcaancaa	720
nctgttttaa	acggtntcgn	aaaaaaanan	nttcennnt	nn		762

<210> 4277

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4277

ncntttatca	aancgnttgg	gctactcgnt	ctttctgcag	gatcccatcc	gattcgaatt	60
cggcacgaga	aagaaagggc	tcgtgacaga	gaaagatnna	aagagaagtc	gttcacgaag	120
tagacactca	agccgaacat	cagacagaag	atgcagcagg	tctcgggacc	acaaaaggtc	180
acgaagtaga	gaaagaaggc	ggagcagaag	tagagatcga	cgaagaagca	gaagccatga	240
tcgatcagaa	agaaaacaca	gatctcgaag	tcgggatcga	agaagatcaa	aaagccggga	300
tcgaaagtca	tataagcaca	ggagcaaaaag	tcgggacaga	gaacaagata	gaaaatccaa	360
ggagaaagaa	aagaggggat	ctgatgataa	aaaaagtagt	gtgaagtccg	gtagtcgaga	420
aaagcagagt	gaagacacaa	acacttgaat	cgaangaaag	tgataactaag	aatgaggtca	480
atgggaccag	ttgaagacat	taaatctgaa	ggtgacactc	agtncaatta	aaactgatct	540
gattnagacc	tcagatcaga	cagaggacta	ctggttcgaa	gattttttgga	anaatnctga	600
ngaacgggat	aaagtgaaga	tcgnncnttt	aaaaaaatga	ggttgaaaag	aaagctatna	660
gtggcattna	aaaagtntta	agctncantt	agttttnttt	attattatta	ttatttaaaa	720
ggttaatttc	aaggacttga	tgttgacctc	cngatttccn	gaacatgtgt	tnaatagttn	780
ttattccctt	tgg					793

<210> 4278

<211> 903

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(903)

<223> n = A,T,C or G

<400> 4278

ggttnttttn	tttgnngntt	ttngncnttt	tnaggcgtnn	tntctgatcc	ccgctaattg	60
cattcggncg	ngctncccta	cagatantgc	atgcacnttg	nagntaattc	agtgtnttta	120

acngntncat	antntatcaa	tncatg	aangtgtngt	natnaaatgt	gtatct	180
ntagttacat	tcaaatnngn	ttataa	acatgtnta	tgetttagga	ttctaag	240
gtggtagtat	aatggaaac	ttttgaagt	agaccggata	tgggctactt	gtgactagac	300
ttttaaactt	tgctctttca	ngcagaagcc	tggtttctgg	gagaacactg	cacagcgatt	360
tctttccag	gatttcacaa	cttttnaagg	gaagatnaat	gaacatcna	tttctaggta	420
tngaactatg	ttattgaaag	gaaaaggaac	actggtgttt	gtttcttaga	ctcatgaaan	480
ttaataatta	tgaangcaat	gaaaaattaa	nttgaaacat	taaantctnc	ntgacantng	540
gaatnattcc	tttgccactt	tnttgcat	atttcagaan	acnattccgt	nnnttnttcc	600
antntngcna	acccatttnt	ncctggatnt	tgngccatan	ttttgacntc	ccgntntna	660
ttcannatnn	ccttnncccg	gtaatcgnc	antttggan	atctggnant	nttaaaatat	720
gncntttata	tatanntaat	ttctttcann	naaantttctg	gnataggcct	ggtnatttan	780
antnnntnt	tatttgngg	nanancnntt	tatcgntan	aanatttaac	cncttnntnt	840
tttctgnggc	ccttttcgta	taaaaacctt	cntntatntt	tnngacaat	ntntntnttn	900
nnc						903

<210> 4279

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(866)

<223> n = A,T,C or G

<400> 4279

angcnagagc	ccacggaatt	tncatgcctt	tatcgagnen	gcncccgcg	ggannnaaac	60
agcnggacnt	gccncacgag	nggantntgc	nctttttttt	gggccgncca	nttcccacag	120
ncngangggg	ggttaatnnc	ngaacgctgn	agaatannta	ttgatgagca	ncngagaagn	180
aacatgnmca	tggccaccag	gnccgccac	tcacngcaaa	agtgaccaag	ccagcangtc	240
acccttaact	ggcagaaacc	aanatcaggg	nggnagnccg	gacttnaaat	gcnnagaaac	300
ctgtnagtga	tggaagggna	agaaaaattc	agnatggana	anaanaatcn	gggcacncaa	360
acaaattcac	tganaantcc	anaagnctat	tnanaaacia	gatagcnatg	agtncanatc	420
natccnantg	gncntntaat	mntacaacca	anccttaacc	ttccactcta	aagggaagga	480
atactangaa	tggattacnt	ttccggggta	nnataaancn	ggggnantaa	atgatnangg	540
gaaancccaa	aanctaccn	nnantcnang	gantntggaa	tncttactc	ttcatcaaga	600
ncatttccag	nttctaaggg	gaccccttta	cnaanttnaa	aanggattcn	annttggcnt	660
ctnaagnggg	ntcgcccgcc	ccnaaaaaat	natnataatg	gaccnggggn	tcaaangnan	720
ctnacnggaa	aaangaaagc	ccggnaaagg	accaggcntt	tccaaggaan	gaagggaata	780
tnccncgaa	ancccccggg	ataaantctc	anggggttac	acaaaaaagc	catccccncg	840
aattaanccc	aaaaaattgg	gcagcc				866

<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4280

gaancactcn	tnatcgnttg	caggatccct	cgattcgaat	tcggcacgag	gctgggactg	60
acagcctgca	gggtttcctt	gggcgcggcc	ccaaaattgc	cttcaaaaaca	aacccgggac	120
ggttgaaagc	cttcgaaccg	tgcangggat	gcctcggggc	ctggcccttc	gcttcctctc	180
ttgtgttatg	gaaataaaaa	caaataaaac	tacaaaaaaa	aaaaaaaaaa	aactcgagcc	240

tctagaacta	tagtgagtcg	acgtag	atccagacat	gataagatac	atgagt	300
ttggacaaac	cacaactaga	cagtga	aaaaatgctt	tatttgtgaa	atgtgatg	360
ctattgcttt	atttgaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	420
ttcattttat	gtttcaggtt	cagggggagg	tgtgggaggt	ttttaattc	gcggccgcgg	480
cgccaatgca	ttgggcccg	taccagctt	ttgttccctt	tagtgagggt	taattgcncg	540
cttggcgtaa	tcatggcata	gctgtttcct	gtgtgaaatt	gntatccgct	cacaatttac	600
acaacatacg	agcccgggag	cataaagtgt	aaaagcctgg	ggtgccta	gaagtgagct	660
aactcacatt	aattgcgttg	cgcttaattg	gccgcttttc	caatcgggga	aacctgtcna	720
ngccanctgn	attaatgaat	cggncaacgg				750

<210> 4281

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4281

cctntnnncn	antanantac	ananntnntt	caenencant	ntaatantnt	cctntctanc	60
tctcttan	tttacgcna	catatnncn	nnnctnatct	tctncaatt	ttananatat	120
acctnannct	ccatncanna	ggtngtnacn	nnggataaat	ngggngntn	gtaangagn	180
ctnatcnaac	tactaggttg	gaatnaattc	ctnccntnt	tctnactnag	ntnaatcatc	240
gtacgaggaa	aaaacaaagn	antancttan	gccttngaca	aggatatnag	cacctaattgt	300
actnntaagc	ttaacctggn	ggnaancccn	natanncgta	aantganant	annnaatgcc	360
acangtgnag	ntntgcatcc	cctgaaannc	tnanaacaaa	tgntaanga	ntatgntctgt	420
cttaantatt	ctttcactta	nttagttcna	ctgcanaccc	ccatcctggn	aggggttatt	480
cggnagttaa	ggtactttca	taagtntaa	acanaatgat	atntgntatt	acgntaacct	540
ttctcttgat	gacaatgana	aananaagcc	agtttccaca	gaagactana	naannannng	600
ttnggggtgn	tcctnctggn	ngntatcnnt	tnttgccana	cttttcccn	cattttaaaa	660
nngttnnaaca	nttnggaten	tttcatntn	nctttcggt	aannttttaa	tctntctnac	720
naattggaan	canatatttn	ncccaantnn	ncctttaaaa	atcttttagc	caacancttc	780
ttctannnaa	antngnaana	accctntnnn	atactaata	aanntgntc	attatnctna	840
cnttgtttaa	anaaatenta	ttcttngnga	nacccnantt	attcnggttt	cncctcttt	900
nncttnncna	nangctcnt	naantggnca	caatancggt	ctaaanctgn	gnatncacan	960
nttcacctta	cccttacnta	ntnantntnc	ttgananant	aantaggntc	ctcttagcct	1020
caaataaaaa	taactttnnn	aacntntata	nctntgcaaa	cntntttnc	annentnaat	1080
atccaatttn	cncg					1094

<210> 4282

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1247)

<223> n = A,T,C or G

<400> 4282

nnggatnn	cgcgctnncg	cnatgtgcna	nnaacacnan	tgtgtgntgg	ngcnctngtn	60
ttttacngnt	gatnacnnag	atntntntnc	tccnggnga	cgattgnaat	cctanacaga	120
ctacttggtg	ctntttgcag	gtacccatcg	attcgaatnc	ggcacggagg	cnancannnn	180
tngggacnng	gnttaantgg	cgncgnnnnt	nnnnacnana	gggnacgnan	annnttcnta	240
acaccttnnn	angttaatnn	actntgcagc	ntannnnct	ccntaanngn	nngtancngn	300

nntnaggntn	nnngcagtna	ntangc	tacagnnnac	gntnaaatnn	nnnnnnn	360
naaaantgan	ggagncaa	gntngnt	gnanncgtn	aanatnnggn	gatnggtc	420
atnnggnnnn	tnnttnatnt	ggnaacntan	ttngnnantn	ntgngtnnag	catnngnnag	480
natntnata	tntntaactg	ntntgaccaa	atncatnaac	nnaattactg	nanganaanc	540
ngccnntntt	ntnnntatng	ntancnagan	ngtgagggcg	nngnagtgan	gatgtgtaga	600
annagntnng	aagtnatgcn	acacgtttat	atgtnnctnt	tatcagngga	ananngatnt	660
ntanngnttg	acngnnntnn	ngctaaagan	aanaggnnna	gcgaganngn	agnnntctgt	720
acagantccc	ncnaantgtn	ngnccgncga	anaatcnata	taattcnnta	tggttatcnn	780
tgtagggggcg	ttcnacacga	tnaattatac	tnacgatteg	tangttncctt	acncaatanc	840
gcncgctggn	anannnnctn	anntcgcgaa	actatagtan	cnnccgnaagg	gnaaagatnc	900
annngtgacg	caattaaana	cnangcantn	nntgnnggan	atgtacgtaa	ccatantggn	960
tacntactan	nntacatgng	ntntatnttn	tgncgatgat	atcgtnanant	atatagtncg	1020
antgatntat	natnctctac	tnatagantt	gtatntnnac	anaagatnaa	tatctacatn	1080
tantancana	gatangctgc	aaatnactgg	ngnacacntc	atanataana	ccnncaanan	1140
tgcgannnat	catnatagag	tgactntatt	atannaaaaa	taaccantnc	gtganatnga	1200
nnntnaatnt	acgtgggtng	atgatcgcta	cgtanaaccn	cngnncn		1247

<210> 4283

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 4283

cctgctgtng	gganatanana	ncgtgctcnn	tttgtacttc	cccgnatggn	ccatcnacnc	60
gacgagccta	acgcttggtca	actngngggga	tcngantng	agantgactt	tgtgncatnc	120
ntgantanan	ctgtangttn	gtgaaancca	nactacnnng	cctcngnctc	atcacctctt	180
acacattccn	nanantnnch	cagtctnnan	aangagnent	ngatnannaa	naagagnctn	240
tgannnaaca	ggntnnnnaa	gcnnngnnnnn	actnanagen	tgngaantga	ncgnnnnctt	300
ggtctgngtc	cggtaaagaag	acancantng	cncanngacn	ggnnanncggn	caggccantn	360
aangnagcnt	gcgntnannt	tnnatgaagt	tgagnatggg	naacnnaatn	tcnaacngnn	420
ctntgtncnt	gnnngnnaca	cntgcctgan	aancntanan	ancnngnant	agantncnnn	480
aacncngatc	ttatanncac	tttggaanaa	gcactnatcn	cctnacnggg	catcctnttt	540
gagancagga	canctgttgn	ngggacgccc	catgacacng	gcccagaana	ctccgggttn	600
tttgnntttc	agcnnnaaan	ggcgaagtga	tttcctnttn	cntncngngn	acncatnggc	660
tcatgncccc	cctnaaannt	nnttanngnn	cntcgntana	caccctnnat	ngcnaanggc	720
ccaangntnc	nanttcgcna	ccntttacca	tnaaggatat	taccnnaacc	gtgccctttt	780
gantngccag	ncnattgggn	ntttntttgn	accatttngg	naaaggggca	aantntttan	840
ncgtcnc						847

<210> 4284

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4284

gncntttgan	ttcatataca	agctacttgt	tctttttgca	ggatcccatc	gattcgctgc	60
agcgtctggn	gtttncnttg	cagnccctcg	aaccagnacc	tcngcgtggc	ctacagagtt	120



atggcgacaa	naggccgtgt	gctgaa	tggcgacggc	ccagtgcagg	gacna	180
tttncagcng	aaagananta	gaccagn	naacgtgtgg	ggangcattn	aggactgac	240
tgaangcctg	catggattcc	atgttcatga	nttngagat	aatacatgag	gctgtaccan	300
tgcaggncct	cactttantc	ctctatccan	aaaacanngt	gggccaangg	atgaanagag	360
gcntgttgga	nacttggnc	atgtgactgc	tgacaaaaga	tgggtgtggnc	nnatgtgtct	420
attgaagatt	ctgtgatctn	actctnagna	gaccatttgc	ntcattggcc	cgtacactgt	480
tgggtccatga	naaaagcaca	tgacttgggc	aaagggtggaa	atgaagaang	tacatngaca	540
ggaaacgctg	naatgatttg	gcttgtngtg	taattggnat	ccccnaataa	acatcccttg	600
gatgaagctt	gaggcccttt	aattcatttt	ttnantccng	nnaccttggt	aantggnaen	660
tggaacactt	aacccttnn	tttntaaaa	ggagaaanng	tnttntnttt	nanangagtt	720
ttttaanccc	cttgggtcgan	aaaanttnnt	ttttnatttn	t		761

<210> 4285

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4285

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtgggtg	gaancnggnt	ncggacntgn	catngncntg	120
tgccttgtna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atnctgtgg	nannaanngg	gactaacatt	attggtgcgg	ctnccnaagc	atggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnncnatn	300
aagttaaantn	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	mntggcaacn	360
cgagacactg	tnngtncaag	agcgcnnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcnctcaa	tacnccggtn	acnntnnnna	ggacngntca	480
ttattangcn	ctcctggact	gnaccgnact	tgtctctgna	cagngatnnn	ccnctgncct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgcctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tngcctcca	ngaaaacctn	gttttcccgg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4286

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4286

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtgggtg	gaancnggnt	ncggacntgn	catngncntg	120
tgccttgtna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atnctgtgg	nannaanngg	gactaacatt	attggtgcgg	ctnccnaagc	atggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnncnatn	300
aagttaaantn	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	mntggcaacn	360
cgagacactg	tnngtncaag	agcgcnnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcnctcaa	tacnccggtn	acnntnnnna	ggacngntca	480

ttattangen	ctcctggact	cgcnact	tgtctctgna	cagngatnnn	gtncct	540
tanaaagnag	ttcctacnaa	cgntang	cattatanan	gtatgcctgc	angaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttgnnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tngccntcca	ngaaaacctn	gttttcccg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4287  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 4287						
gnccnttttg	aattcanata	caagctactt	gttctttttg	caggatccca	tcgattcgct	60
gcagcgtctg	gggtttccgt	tgcaagtcctc	ggaaccagga	cctcggcgtg	gcctatcgag	120
ttatggcgac	naaggccgtg	tgctgtctga	agggcgacgg	cccagtgcac	ggcatcatca	180
atttcgagca	naaggaaagt	aatggaccag	tgaagggtgtg	gggaagcatt	aaaggactga	240
ctgaaggcct	gcatggattc	catgttcatg	agttttggaga	taatacagca	ggctgtacca	300
gtgcangtcc	tcactttaat	cctctatcca	gaaaacacgg	tgggccaaag	gatgaagaga	360
ggcatgttgg	agacttgggc	aatgtgactg	ctgacaaaga	tgggtgtggcc	gatgtgtcta	420
ttgaagattc	tgtgatctca	ctctcaggag	accattgcat	cattggccgc	acactggtgg	480
tccatgaaaa	agcanatnac	ttgtgcanag	gtggaaatga	agaaagttca	aagacaggan	540
acgctggaag	tcgnttggct	ngaggtgtaa	ttgggatcgn	ccaatnaaca	ttcccttgga	600
tgtagtctga	gccccttact	catctggtat	cctgctagct	gcagaaatgt	atcctgataa	660
cnttaacact	gcatcttaaa	agtgtaatgt	agtgactttt	canagtgtct	taaagtacct	720
gtagagagaa	ctgattatga	tcactt				746

<210> 4288  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 4288						
nmatatnang	gnnnctnntt	acttgctctn	tctgcaggat	cccatcgatt	cgagaccaac	60
ccgcctgcag	gaggctctga	acctcttcaa	gagcntctgg	aacaacagat	ggctgcgcac	120
catctctgtg	atcctgttcc	tcaacaagca	agatctgctc	gctgagaaag	tccttgctgg	180
gaaatcgaag	attgaggact	actttccaga	atttgctcgc	tacactactc	ctgaggatgc	240
tactcccgag	cccgagagag	acccacgcgt	gaccggggcc	aagtacttca	ttcgagatga	300
gtttctgagg	atcagcactg	ccagtggaga	tgggcgtcac	tactgctacc	ctcatttcac	360
ctgcgctgtg	gacactgaga	acatccgccc	tgtgttcaac	gactgcccgtg	acatcattca	420
gcgcattgcac	cttcgtcagt	acgagctgct	ctaagaaggg	aacccccaaa	tttaattaaa	480
gccttaagca	caattaatta	aaagtgaaac	gtaattgtac	aagcagttaa	tcacccacca	540
tagggcatga	ttaacaaagc	aacctttccc	ttccccgagt	gattttgcga	aacccccctt	600
tcccttcagc	ttgcttagtg	ttccaaattt	agaaagctta	aggcggccta	cagaaaaagg	660
aaaaaaggcc	acaaaagtnc	cttttacttt	cagtaaaaat	aaattaaaca	gcagcagcaa	720
ccaattaaaa	tggaattnan	gaaccaatga	aataatnttg	ng		762

<210> 4289  
 <211> 1563  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1563)  
 <223> n = A,T,C or G

<400> 4289  
 gngaannaaa ggaacgaccg gnaaaaaangn naccgcggcg nncacngacn gnnaatacnn 60  
 ngcgacgggn cgtgnaaaag nggngaggcg naagtgggcn naaataaana aaacgcggcg 120  
 agagcancng nngaactann tngcagaaga gatggttnan gcacggagng gnccgttttt 180  
 gaaaaccncc tcggtncaan gccccncgga naaatngtac gcgtgngtaa gaaagggcng 240  
 nnaccgtgna aantcgtgcc gnntggagcg agcgnagaaa anncaagtgc naagacgacg 300  
 aantttttgt gncncnagtg ngaanannag gtggcnacg ngggnggggg ggggntngna 360  
 gangngaate gtnagnngn gntaaaanac ncgcgngnng gacacaaaag angganancn 420  
 natgnggna gagaantnng gtaancgng nnaggagaag cgnnngnana ggngnaggta 480  
 tngnangagc gnancannng atncgagggg aaagcgngc gagaaacatn nntnacgaca 540  
 atggngcgag aggaaacggn gcngcggaan nnnaaannaa ntagagagan acnngnagnt 600  
 ggnananaaa ngngggngga ggaannggn nnganggaga tagagnacg gggcgtgana 660  
 nacaacaga aagtgcagtg nnatagangn ncgnaacntg nangangng catannnngg 720  
 ganangata anntccnaga tagagacgac ggggcgcnta nngnnnnaga ttgncggaca 780  
 ancgtgatg cgtncnnang ntgagagaaa gcgngnanc ctcagggggg ggaagggng 840  
 tgtagnagc gnacnaaat ggagaaagaa cgggtggaag caacgacgc gngnacacac 900  
 gntngagacg tgggcaaaca nagcncangn tnantngagt gngncgatgt aagtgcantg 960  
 aaacatacna nctcggngg agggnataa aanaggaatg ngnggnangc gaaganaagn 1020  
 ntntncgtaa anaactagan ggncgcanaa nnggngagg cgaagacgat gannnangan 1080  
 aaaggnggat cnaacggann nncgnatgcn attntggcnc acngtaatat atggannagc 1140  
 gaggacatng gcgnnngaga angccggaan gacggaagat agaataana attgngggga 1200  
 gngnnagnaa tgaacgnaa ngacgngcag gtttngagn ggagnangaa ggggaggagc 1260  
 gacgagggtg gtagnggagn nggacgagtg ancgcngagt gagatncaag gacgaagana 1320  
 nacnnngng anncgtagnt cgcgataacg nnataangag nnanagnnga nncanatacc 1380  
 gaanncnaga nncacgtggn ganntgcaaa aaaagaancg ggntnggcan gacgatgcg 1440  
 nnngagaagg ganaaatnac ncaggggaan tgggnggaac nncaatangn gtncnangcg 1500  
 gaaaaangng ngataaggna anganggata gcnancgggn gacnanngt ncnagnagaag 1560  
 ccg 1563

<210> 4290  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 4290  
 gaagtngctc ttgttctttt tgcaggatcc ctcgattcgc tnacgtgtcg ncggggcggt 60  
 cgcgacttc agggtnctct aacggagagg ccaggcnccg cgtggccnga caactnctg 120  
 nccgtctctt cagcaagtga ctgtctntnn cactncttac ctgctgaang atctngetca 180  
 gcngctggaa caatgctgct gtnacacant ctcnctntg cnaactnagg atgctncttg 240  
 gtcaccagg antggganct gtagaccngn cgcatgcact tncncnacat tcaactgctga 300  
 ctggettanc tgnnatangt tcnagnacc gggactntc ttanagtcag nagccctcnc 360  
 aactacntca tacntcgca tctgannatt ttcacagagg nnttntcttn gaagnngact 420

tggaagnc	tacaagttga	atngna	ttgnaantn	cntttcttca	ctaaaa	480
ntcatgtcct	cataaatgca	atgatttta	gancacaann	tcccatgta	ctnttccat	540
tanttaaact	agaccaatgt	gtacgggtca	tttgngtat	tgnggaacat	cnnngttact	600
ggaaangact	attaanattt	cacagatggg	cttnatcaan	ttgctangaa	ttgngtctnc	660
taagtgtagt	taacttgcag	aatccaactt	aactncnagn	nnaantttca	aaactgatnc	720
tgtgaatgga	tgggggancat	cttaactntt	ng			752

<210> 4291  
 <211> 881  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(881)  
 <223> n = A,T,C or G

annnnnnnnnn	nnnnnnngnnn	nnnnnnngggg	nnnnngnnnnn	gnnnnnnann	nnggnnnnnn	60
nngggnnnnn	nnnnnnngggn	nnggngncng	atangnagac	ccgttnatac	aacgaccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnaacacn	nncnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaggg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccngnggg	nnnnaaagcn	aaangnanna	aacangagcc	anncnagagg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgngngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggnngggccc	ggcnacagng	gccacgncnn	cgggggngccn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccggggnn	aacccgggng	ggaaacccca	nccncggagn	gnaaaaaggg	840
cccaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4292  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

aangnnngng	ggnntgnttt	nntggntggg	ntgttattcn	tggcgctctg	gctacttgnt	60
nnatttgnat	gnatncgggc	gntncganann	gntgtntctgn	gttnnatctt	ntaaatngct	120
tgtccttatt	atgttgttgn	ttaacanctt	aaacgctanc	tctagaccag	gaataattat	180
ttgctatata	ttacagcaaa	aaatatgtat	gtntaaatgg	actcattcaa	gaatatataa	240
gngaactcct	attacaaaga	aattgncaaa	cagcccagta	tatnaatgaa	tataaaaatt	300
tgagaagata	ttttncatng	naagatntcn	aantgaacat	tnggcatggn	aaaaccaa	360
tttaggatata	nactacacac	tctggntctag	tttaaaagac	tganaaatatt	aagtgtgtgg	420
naatgtnnan	caantggaaa	tggcctgcat	ntngcatnga	aatgtaaaac	antacatatata	480
ctntgcaaaa	ctctgtccaa	cattntctac	ccattnacca	agcaactnca	tcncctagct	540
atanataccc	agggaaaata	agtanggtat	cttcacagaa	atnattgtat	gaagaaatat	600
tcatagttac	ttattgcacn	tgtcagttat	cangtnaanc	tgtctcncat	cnggaaaaat	660
gggatatcaa	aattgggtgtg	gataatnaat	acaancaatt	agggatatta	cttgngcna	720

aacaaaaaat gaanacangg      aatnca cattcaaacc aaantangtg      attata      780  
cccacg      786

<210> 4293  
<211> 866  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(866)  
<223> n = A,T,C or G

<400> 4293  
angcnagagc ccacggaatt tncatgcctt tatcgagncn gcnccecgcc ggannnaaac      60  
agcnggacnt gccncacgag nggantntgc nctttttttt gggccgacca nntcccacag      120  
ncngangggg ggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn      180  
aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc      240  
acccttaact ggcagaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac      300  
ctgtagnatga tgggaaggna agaaaaattc agnatggana anaanaatcn gggcacncaa      360  
acaaattcac tganaantcc anaagnctat tnanaaacia gatagcnaat agtnacanac      420  
natccnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga      480  
atactangaa tggattacnt ttccggggta nnataaancn ggggnantaa atgatnangg      540  
gaaancccaa aanctaccn nnantcnang gantntggaa tnccttactc ttcacaaaga      600  
ncatttccag nttctaaggg gaccccttta cnaanttnaa aanggattcn annttggcct      660  
ctnaagnggg ntgcgccggc cccnaaaaat natnataatg gaccnggggn tcaaaangnan      720  
ctnacnggaa aaangaaagc ccggnaaagg accaggcctt tccaaggaan gaagggaaaa      780  
tncccnagaa ancccccgga ataaanctca anggggttac acaaaaaagc catccccnccg      840  
aattaanccc aaaaaattgg gcagcc      866

<210> 4294  
<211> 787  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(787)  
<223> n = A,T,C or G

<400> 4294  
ggnnnnnnnn cnggnttnnn nnnttgcttc tnagccttng catttgactc ctgcaggatc      60  
ccatcgattc gaattcggca cgagcttttag ttcagataaa ggaaacatcc aaaaatactg      120  
agatgagtaa aattttattc aaagtaggtt cctgctttgt ctgagtctca atccattcta      180  
actcctgatg tcatttaccg tgtgagatct tagtacaatc atgaaaagaa tatgagcatt      240  
tatcaaaact ctctgacatc tgtatgttta gaaatgaact tacacagcaa aatatgattt      300  
ccttgcaact atttaatttt tctaacttca atttctacct atgtgtctct gccagtttga      360  
cctgattcag acaccagaa cttgaataaa gaagccctct tctattttca ttcttaatga      420  
atataccttt tcccatgtcc acattgagcc tcccttctgt gtactctgct aatgcagcca      480  
catgtctagt tccccctctc tgcaccaccc tcacttcttc tttcccatct tcttacttct      540  
ttggtgtgac ctctctgtag gacaacatgc catttctgat tcccacaca cataccctat      600  
cattgatacc taccctcang gattagaatc tggctagtaa tttggaagag cccatcaagg      660  
ctttagtaaa gtattggact ggnaagtcaa caccattat ctcatcaaaa gggatgctgt      720  
gttgggggca nanggagaga gagagagaga gaccganaga gagacagacn gagagagaga      780  
aaggaat      787

<210> 4295

<211> 795  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(795)  
 <223> n = A,T,C or G

<400> 4295

ggntttnnnnt nntgccttan aagccttgcn tangatgcn ttnggatccc atcgattcga	60
attcggcacg aggggaacat gagaaccgaa gctagaattg ctattgaatt actttatatt	120
ctcttccctt attgggtaga gatacatcat tactggcctc aggggtttac ccaaagaaag	180
ggtatttttg agcaaataat gtgatttcct ggctattttg ttgggggctt aagatttttt	240
tttttcaaat gcatttttag tcactaaaaa ttaactgtcg taccatctag aactatactg	300
tccagtacca tagcctctag ccgtatgtan gctattttgta ttaagattaa ttgaaatttt	360
aaatccagtt cctcagtcac actagccact ttctaagtgc tcagtagctc tgtgtgacca	420
gcggctactg tattggatat tatagaaggt tctttcattc aagatcatca ttcttgacag	480
accataaat atttcctata aagactgtag aagtgtgttc tggagggttt gctctccaaa	540
aagaattgta atatagagta gaattgggat agagtattga anacactggg ttagacatt	600
ggatatttta aatgattgng gtgttcaatt catgtgctgc ccaactggag ttatctagt	660
gatattgacc ctactggct tgacaaaaag cccggaatag aaaggcaggg aattcctgaa	720
attctaactt taaaaatttg gcaatggaaa aagccctttt nccctaaaat tantccatt	780
nttgtaaatt ccttg	795

<210> 4296  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 4296

taagtgtctc tgttcttttt gcaggatccc tcgattcgaa ttccggcacga gactggagtt	60
aaggaggtag atgacttctt tgagcaagag aagaacttcc ttattaacta ttacaatagg	120
atcaaagatt cttgtgtgaa agctgacaaa atgaccagat ctcataaaaa tgttgccgat	180
gactatatcc acaccgcagc ctgcttacat agcctggctt tagaagagcc cacagtcac	240
aaaaagtacc tattgaaggt tgctgagcta tttgaaaaac taaggaaagt agagggtcga	300
gtttcatcag atgaagattt gaagctaaca gagctcctcc gatactacat gctcaacatt	360
gaagctgcta aggatctctt atacagacgc accaaagccc tcattgacta tgagaactca	420
aacaaagctc tggataaggc ccggttaaag agcanagacg tcaagttggc tgangcacac	480
cagcangagt gctgccagaa atttgaacaa ctttccgaat ctgcaaanga agaactgatn	540
aatttcaaac ggaaganagt ggcagcattt anaaagaatc taattgaaat gtctgaactg	600
gaaataaaaac atgccangaa caatgtctcc cttttgcaga ctgtattgac ttgttcaaga	660
atactgatat gccttctca gaagaaaaga aatgaatgtg aaagaaagcc agcctcactg	720
ccttaaatca ttaccggaa	740

<210> 4297  
 <211> 1191  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1191)  
 <223> n = A,T,C or G

<400> 4297

cccgcataata	aanananacc	cngngnacna	annacacacc	cannaanana	taatanngcn	60
ataagnnnac	angggggaac	aggggantn	gngcgaatga	ngacnncaat	tnacagggnat	120
ttaattccaa	nncnntnana	ctacngnccc	nnanatcnna	cgagnatnca	ncccaagnag	180
nancngacan	tcagangagc	gtmntacaan	nacngcaann	acnngaccag	ncnggancca	240
taangggggn	caaancanna	nttccangga	tcangcatag	tacnaccnct	gaatnggtac	300
cattncnact	ttacncnnga	cnaacaagta	tccctgntgg	cctnaaaatn	caagttgaaa	360
atnaantcng	aantctncca	gancaaanan	gacatncann	ccnatnnntt	anantacnaa	420
ntatcnaatg	ntanaaatcc	atggnnnaaga	cataaaaact	nncagctata	naaananctn	480
ntaaanggct	attnggatnt	aaaaaccana	tnatnnnacc	ntncaacnac	ctannnnntna	540
agaaancann	tnnncaanaa	ntacnancca	atnnncagan	ggacgnnaaa	tgnnnacant	600
cangaaattg	aaaccngana	agncccnatn	naangnntta	aaaacntcag	cggcaaatcc	660
cncatnccac	naanggnntn	ncggaaaang	gnnnnntaact	ggntaacncc	natantntaa	720
aacgggaacc	atcgccaatg	cgtncgctan	ccaacanann	taaancgatc	nacannacca	780
cagnnncnta	ttnaagaatc	tnganannca	cacttacnna	ttcaaatagg	ngncntnnnn	840
tgntatnta	ncnnatnngc	cacatctnat	ntatcacnc	annctcanng	ntcnnacanc	900
atggagagca	tntcngngana	caancnggtg	annancacat	cncancanng	cgaaacncca	960
nataatntacn	tgggtantca	ncgcgnaact	gcgcgcgcgn	agnatnagat	cacattatnt	1020
gatactacag	ctaaanngac	acacattaca	nngtntntac	anaaataactn	tacnntcnan	1080
acncnntaca	cacaaaaatt	acctcanagg	gaganannta	catatctnaa	aacanccccc	1140
anantnancn	naaaagactc	cntacgcgna	nanagtgcgc	tctcgnaann	g	1191

<210> 4298  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 4298

ntncgttttn	ntanaacntt	gntcttttn	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggctcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	ttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcattcca	tttttgagtc	taaattcttt	aaaatatact	240
gagatccaca	tctagtgaag	tgtagtggtc	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttgggggt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttctgtgc	tccgctgtgc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aatagatata	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtgggtg	atgagggttg	agttcgaaag	aagaagcaag	540
cgctggcctg	ccttgaaaga	accgaagtct	ttcccattca	cttctctaga	aagctgccaa	600
ggacagaggg	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggt	ctcttaaaac	660
ttagaagtgg	ttctaanaa	acagaagtat	tagagaaaca	gttctctggt	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4299  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(753)  
 <223> n = A,T,C or G

<400> 4299  
 ntncgtttnn ntanaacntt gntcttttnan tctgcaggat ccctcgattc gctaacaagc 60  
 gattctaaac cacctatgag tatttctttt agggctcact taaatacatg tttgtatata 120  
 ctgtattcta gccagaataa ttttagatct gatcaggtag tagctaaaat tagaaaaaaa 180  
 caaaatagat gcttaaagaa tttgcatcca tttttgagtc taaatctttt aaaatatact 240  
 gagatccaca tctagtgaat tgtcagtgct aaaatattat agattatagc taaaatccag 300  
 attaatactc atttgggggt ttttatagtg gaacttcata gtaatacaaa aagcagattg 360  
 tcttctgtgc tccgctgctc ccacagtagg tattgaaact ggtaaaatca gttttttgat 420  
 agtgtgtgta tataagaaaa aatagatata cacattcttt tttctcagtc aacacattga 480  
 ttgaacactc tggcaaagat gctgtgggtg atgaggttgg agttcgaaaag aagaagcaag 540  
 cgctggcctg ccttgaaaga accgaagtct ttcccattca cttctctaga aagctgcca 600  
 ggacagaggc agaaagaatg gatgaaantt ctgtcaagca cacttctggt ctcttaaaac 660  
 ttagaagtgg ttctaanaga acagaagtat tagagaaaca gttcctgtgg aatcacatct 720  
 ttgggtggna ccattgctt tttttctggt tga 753

<210> 4300  
 <211> 850  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(850)  
 <223> n = A,T,C or G

<400> 4300  
 gctnntgacc annntanngn tnggaatcnc antcgttnna tngcncntng attcgaattc 60  
 ggcacntggn gtctnnctgn tctgtgttgg caagggtag ttnccaagt agcaagatng 120  
 ttccctncta acaggctccg acgggtgaac agtntgngtg ntatccatac ncaggcacat 180  
 gccatcggtc tacagcangg tcttcaactg gtgcctgctg gccctggggg angaggcaaa 240  
 gctgtggctc ccagcaaagc agancaaaaa gagttcgccc atggatcgaa cantgacnag 300  
 tatcngcnac gccgagagag gaacatcatg gctnggaaaa agagccggtt gaaaagcaag 360  
 cangaaagct caagacacac tgcaagagtc aatcagctca naagaagata atgaacggtt 420  
 ggaagcaaaa atcaaattgc ntgaccaagg aattaaatgt nctcaaanga tttgnttctt 480  
 gagcatgcac acaatcttgc agacaacgtn cagtccatta ncaattgaaa aatttcgaca 540  
 agcagatggg ngncaatggc acggaccant tgacccttaa ccccttttcc aagactttta 600  
 naagcttgna ggctttggaa tggctaaaaan ggtggtggac ccccggnaa cctcnntcat 660  
 tgtcancngg gcntnaaaaa ntttggccca tttntccnt tgaacttcan nagnaccca 720  
 tttggtaggc ctatttttcc tgggggannn aaatccctnc aataantnt nnnttnnncn 780  
 ttaaaanngn ttnnccnttn ngnattccgn attatccngg gnttttaaaa nggatnana 840  
 ggntttttct 850

<210> 4301  
 <211> 790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 4301  
 cnatcatctt tgntttctata ctcagcttgc ntgtanagna ngtcggggtt accgnncnc 60



anngtaccct	atanngantn	tacaaa	gagactnann	gcnnnttnaan	gcggtta	120
ctacananna	cnnantngtn	atcaccnanc	ttaatctcct	tyancacat		180
ncctnctttt	gccagctngc	ntgatngcga	agaggncct	accnatcgcn	cttncaaaca	240
gatngggcaa	actgaatggc	aaatggacnc	gccctgaacc	cncgcatnaa	gcgctgttgc	300
tgtgcagggt	acccgcncag	tnaccanta	cacttnccan	cgccctagcn	ccctttcctt	360
cctttctttt	tcnttacgta	cncnnaatnt	gcgnnggatn	ntnnnantaa	gctntnaatt	420
ttaggcttcc	natacngtnc	ntaantagng	ctttaccgca	cntngatcnn	tnaaaantng	480
nntanggtna	nggggtcanat	accgtgccat	acccttgtag	accnttnntt	nccnttgaac	540
gtngaagtan	atcgttcntt	aataatncac	tcttggancc	aaactggaac	cananctcga	600
cccaatctnc	nggntatntn	ttnggattta	taaagngatt	antgcccttt	gtnnnaacta	660
ttggggcttg	anatntgncc	aanattttta	cgatgaaatt	ttaaaccgcg	aaattttaac	720
ncaaaaaatt	ttaccgcttt	ancaatgtta	tttggaatgc	ctntaaaccc	cctttntann	780
tcnctcccc						790

<210> 4302

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4302

catatatctt	tgattccntt	naacccttnc	naactacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	ccaacgatct	gtatcaacca	cgtcttcatt	ttccttttcc	120
tgtttgnctt	actctcccc	caaaaagagt	cagtttctctg	ttttctcaat	ttctcagttt	180
aaaattagag	ccctatggca	gggtgccatgt	acagctgcaa	aggtggcaag	aagccctgag	240
aaagctcaag	aacaggtcaa	gggggtgggt	aaggaagatg	ggacgttcaa	gcagaaacaa	300
aaagaggagc	taaaagtga	agccacccccg	ccaccagccc	tcaccagtca	caggtggaat	360
taaagaaatc	tggcaaaaaa	taaattttgt	tatccgtgct	tggggcggtg	acccttgacc	420
ccattcctat	ttaaacaatc	ggattctctg	ccataacatc	ttttgccacc	tatagctaca	480
ataaagtgtc	gtcttggagt	ctgttggtaca	tttaacaata	aactttttgt	naggaaagta	540
aaaaanantc	tacagttcaa	tgcaggatan	ggatgggtgg	gccttaattc	aggaggtggg	600
aggctcaaaa	tcaattactc	tgtttganga	gatggaatct	nctggaatct	caaaaangga	660
tttnccttta	ngaatcatca	agactcatcc	cgacttcgtc	aagtcttttc	tcttggtggg	720
agttatgggt	ttggntttta	attttngttt	tgggtttttt	ttttgggggg	ggnaa	775

<210> 4303

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(940)

<223> n = A,T,C or G

<400> 4303

gtttcataca	agctaactng	gtttttttta	aaagccccgt	ttccccaatc	ggnatttgng	60
gtgcnaactgc	ggggaggagg	ancccntacc	ngangnacc	naattgcggg	ccacggggagg	120
gcgtanacac	ttttnacngn	gtanatggcc	ggagnngng	nttttancca	nattttantt	180
nntgggcnc	ccngtgctc	tggtcagncc	tttaagtgg	tnaanangca	cgngcctanc	240
ccctaantta	aaatncccc	gnanaanact	nttgcgcnat	naacatcact	gannggtggt	300
tctnatagta	tgntntacac	ctatnacant	ttccctcaat	antnattacc	tgtagngcaa	360
gtggncanac	ttnanngcag	agtnaactnc	angnggtttc	tnaatngggn	natntcggac	420

ngtctngtan	anttgcacaac	atatatat	gacgncnatn	ggaaaatnat	gntatg	480
caaggcnttg	cgnggtccan	antnctn	atgttgaaaa	tncganttat	antntatg	540
angctgcttg	ttnnatttga	naancnttct	ctaanntctt	tganncgcna	attaaanann	600
tngttnttga	natnganagc	ntaacacccg	ctacaanatc	tagnttgnac	tnaatgntga	660
aaactccgaa	cctctgngaa	attcatgttt	nattttgatg	aacngggcct	ccaatntnt	720
attcggtttt	ntannnggac	gnnacctgtt	gatanngctt	ttttcttttn	cntntnann	780
aanaatnaac	ctanntaact	caaangcnct	anttgatctc	antaaaannc	ngantgnaan	840
tncncattga	ntttnaaagc	gggntttant	ttaaaaanaac	ntcccttttg	ggnetgtggg	900
tngttgncna	cncnanangg	tgnaaaattt	tttttttncg			940

<210> 4304  
 <211> 881  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(881)  
 <223> n = A,T,C or G

<400> 4304							
annnnnnnnnn	nnnnnnngnn	nnnnnnnggn	nnnnngnnnn	gnnnnnnnann	nnngnnnnnnn		60
nnngnnnnnnn	nnnnnnnggn	nnngngncng	atangnagac	ccgttnatac	aacgacccac		120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg		180
acncngnnan	gaaaaganag	gnnagggng	ggcgacagg	nganacagnc	nnagaaaaag		240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc		300
cnnaaacacn	nncnaaacnc	gngagccnc	nnnaacgaag	gaggaggagg	agcaaaccnn		360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn		420
ggaacnggcn	caaanacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaagannnnng		480
agccaggcan	nagncnagac	acagnaagg	aacagacaga	naggcanncg	aggccnggaa		540
ggagcgnaca	anccngngng	nnnnaaagcn	aaangnanna	aacangagcc	anncnagggg		600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgnngcn	aagcgggagg		660
agccnaaaan	aacanangna	cggnngggccc	ggcnacagng	gccacgncnn	cggggggccn		720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg		780
ggncncncca	gnccgggggn	aacccggngg	ggaaacccca	ncncgggagn	gnaaaaagg		840
cccaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g			881

<210> 4305  
 <211> 891  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(891)  
 <223> n = A,T,C or G

<400> 4305							
annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg		60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaa	agaantcnat		120
ngncnntcat	tgaatcaaac	tggaaaacct	gctggcntgc	tgctgacgac	tctgnggcta		180
ncaaggtnt	anactcnnaa	aacatgangg	tngtnaganc	ctcnncgaga	catnccaata		240
tctgtctctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg		300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt		360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa		420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnnggc		480
ngacnatggt	aaanggacna	atnattcg	tgatgggact	gnantgtgan	cnggnnctng		540

naattanggg	gccanncttc	ggngtc	ccnnncntg	cctntcnntc	aatgcn	600
tanacgctgc	ttntacctgg	gngnatg	gatgngnaaa	gaaacnccnt	tttgngn	660
ctttgccaca	cnncnnggn	aaacttttga	gncannaaaa	naccncnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaaa	acccttttac	780
agggnaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccngt	ttttttacag	nttngacnca	aaaantttta	agggaaancc	c	891

<210> 4306

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4306

ntcnnccttt	aancccntat	cctttctnaa	acctttggaa	cgcnncctnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tgggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcaggt	ccagtcactg	caaaagtgc	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaaat	tgcagagaaa	cctgtaagta	300
atggaaggtn	aanaaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tgggtcttta	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tgggtagata	atctggtaat	aaatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagtgtgt	ccttangng	tcnttngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gcntccctgn	atatcnaaaa	ttgccanttt		770

<210> 4307

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 4307

ggngggnttt	ttnatatana	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggccctcat	ctccagctaa	ctgtggagaa	gcccctgggg	gtccctgat	120
taatggaggc	ttagctttct	ggatggcatc	tagccagagg	ctggagacag	gtgtgcccct	180
ggtggtcaca	ggctgtgcct	tggtttcctg	agccaccttt	actctgctct	atgccaggct	240
gtgctagcaa	cacccaaagg	tggcctgcgg	ggagccatca	cctaggactg	actcggcagt	300
gtgcagtggg	gcatgcactg	tctcagccaa	cccgtccac	taccgggcag	ggtacacatt	360
cgcaccctta	cttnacagag	gaagaaacct	ggaaccagag	ggggcggtgc	tgccaagctc	420
acacagcang	aactgagcca	gaaacgcaga	ttgggctggc	tctgaagcca	agcctcttct	480
tacttcaccc	ggctgggctc	ctcattttta	cgggtaacag	tgaagcttgg	gaaggggaac	540
acagaccang	aaagctcggt	gagtgatggc	aagaacgatg	cctgcaggca	ttggaacttt	600
ttccgttatc	accaggcct	gattcactgg	cctggccgga	anatcttcta	aggcatggtc	660
gggggaaaag	ggccaacaaa	ctgtccttct	ttgagcacca	anccnnaccc	aancaagcag	720
acnttttttt	tt					732

<210> 4308  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

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<400> 4308
gnnccagctc ttgttctttt tgcaggatcc ctcgattcgc tgtattcaaa cttatgagag      60
tataaaggat ctggagggtt gggatatgac tgacaaggaa aggctgtggc cacctgatga      120
ccctttccct ttttattaaa ccggacacac ctgtttccca tttcgctgta gtttagtttt      180
tggtttgttg tggttggaac tgctttgaga atcctgggat ttgtgctgct gctgttattc      240
aaagatcaaa ggagtaaaac atagttgctc ctaacttttt tccagcagca gcaagtggta      300
ataaacatga aaactggttt gtagcagttt tgaaagaata gaatgcattc aaatgtaagg      360
ctgcttctgg atcattaaag ccagtttcat caaacagttc aacagagagc agcacttaat      420
accctttata cagcccattt tttcatagtt tcatttgttc ttgcccacaa gcttgaaatc      480
caggttaagg tatccagcct ttatcatata agcattgaca ttatccaggc ctagttagta      540
gcagtagggg aacgggattg aaaaagattt gatggagagg aaagtatcta atattagtca      600
tggttttgac ctaaattgct agacagtcgt gccattcaca aagtcagaaa atncagcagg      660
aagagacgct tttananggg cagagaatta gaggatgggt gtagtaatga aaatgatgc      719

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<210> 4309  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

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<400> 4309
gggttnannt tcnaannngct gggctangcg ctttctgcag gancccatcg atncgttcgg      60
cacgaggtga cagagagcag ttgaaatggg ttttttagttc ctatggaaaa gttgaagggt      120
tttggctctaa ggaccagnca cagtgggaaga atgcatctga gaatgatgag cgcttatcta      180
acccccagat tgagtggcag aatagcacia ttgacagtga ggatggggaa cagtttgaca      240
acatgactga tggagtagct gagcccatgc atggcagctt agccggaggt aaactgagca      300
gccaacaggc ctaagtgccg ggtnccttgg cgttgggtgac atgctgcagc ctggaactct      360
gatatccagt gtgactgcaa agctgtcttc tcaactggtag tgccttgtga gtactgggtg      420
gactgtgggg catgtggccg ctgcagatcc agtggttatt nctaagncta tgacaggaca      480
ggctganctt gcntcanaac cttctctgac agacacggga actaaatgtg aaaaaccaat      540
aanctggaga ctcatgaatt cacacgagga aaagcagagg nttattnatc tgncttttca      600
acatttnttt cctctgngaa angaanggtc anaggctttg naaaagtggg aaaactaatc      660
acatgggaag tgtaagggcc ancatccaag ctaccaantc ctaaangngn caaancanac      720
ctttngggaa aaaccnaatt ttnnaagccc gggntnnnnn      760

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<210> 4310  
 <211> 809  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(809)

<223> n = A,T,C or G

<400> 4310

tttnaatngt	nncttccctt	tcctaattngc	ttggcgtttt	tttccattta	aaagtatttt	60
atTTTTTTcc	agtcaaata	ctagttaaca	agaaagagta	aacttattaa	acatgctcta	120
attataaatc	actgcattaa	ggacaatgaa	aataatcaat	ttcggttata	caatatatac	180
agttgtgctg	caaccaaagt	aatcagggtga	atgaactgaa	tatcatacat	ctcaaaatag	240
catcctaagc	tgcataattat	gttatccacc	ccttaacaga	tcacacagtt	actcttagtc	300
tgtgtacatg	ttctgagcca	tcaccccaga	tctgatggag	aatggcatgc	aaaatgccag	360
aatcctgcag	ctgcagttca	tgaacataa	actttaaata	taaatagata	tctacaatgt	420
ttttctttct	cttagttgct	tttttaattt	gcaaggagca	aataactaag	aaaggatatt	480
agcagggtcg	ttaatataat	tctcctctgg	taagagtact	attagttact	gcacaatagc	540
acccaaattg	gtagactgga	aaaatattcc	tanggtattt	atgtcccagt	ggaacctgac	600
cggattaagt	tttggggact	gggagttcta	aatggttgga	tattgaaatc	aacctttaat	660
tccttaata	ntaagcctng	gcaacccaag	gtnggggtcca	aaaagggcnt	ggacctatta	720
aaaaattcca	ggattgncca	gggaagggat	ttgggttaaa	aaaattggan	ccnttaagg	780
ggccaccttg	gtggccaaaa	aattnccat				809

<210> 4311

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4311

ggaaannttt	tcctaanacc	tggaacaaga	ncagnaaaaa	cgngnctnng	aaacttcctc	60
ttncncncag	cannncnaca	ttgggnctgg	gcacgagggt	agagtaagta	anagatntng	120
ccnatTTTTg	cacttaaanc	caagaaagag	agtcancaaa	tatttatacc	attctctcat	180
taagtgaac	tggttccata	aatttaaaga	cagcgggtca	cccatatcta	tggnnttgca	240
ttncatgggt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacaat	ggaaaattcc	300
agaaataaac	aattcataag	ntttaagttg	catgccgatc	tgagnagcct	gaatgaaaat	360
cttacancat	ccccctncaa	ncaggctagg	ncatgacatn	ancccttgt	ccagccataa	420
tccaacactg	gttatggcta	cccaccccan	taggnaacat	antagccaaa	cnnggggtatt	480
caganccgan	cnggnctnng	gnaanccata	anatgnctcg	gagnnccaag	ggnacccctn	540
aaannttacc	cttaaaatag	ngganccccc	aaaatggcca	nngaaatggg	ccaaaanngg	600
gaaanaaacc	gggcccnnaan	ncnaacaaan	tanngntaaa	cgggnncatn	aaagnccccc	660
tnnaccagng	gccccaaaaan	nactgnaant	aaaaatccca	ntnaaaaggg	cnaataaat	720
tnnanggnaa	aaaaacnagg	gngggaccnn	agggncaggg	gccccaaaaag	ngggnctnna	780
canaaacan	cngggangcn	ntaaaaanct	atnancccg	gggnaaaag	ngngaanc	840
cggaaannnc	aaaanmtnc	cttgg				865

<210> 4312

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(940)

<223> n = A,T,C or G

<400> 4312

ttcnctttcc	cncctctnng	gaaacccttc	ctttccta	atgttccta	attcctcnnnn	60
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tcnctctenc	tctttctctg	tcnggg	nnngntnncn	tnttgcttt	cccgnt	120
tttnncnctn	gccnctacnt	tcngntga	ggagnccac	ctgcggagac	tcgntnnc	180
ncncannceg	ctngntgntt	cntgncggn	tggtcanct	ccancgctg	ntccccctn	240
nngtgncgce	nnnggntcng	tngatcccnc	gatngccntt	anggettata	cgaatgnnca	300
tgccttccgc	accnnnncat	tnannnccgn	gcctctgctc	cctcctnacc	tncctgcnag	360
tgnetgcacc	tccctgcctc	tntgcenccc	nnntcgcccn	ggctcccacc	ccnngntgnt	420
tgcgntgct	tnenctgtg	tcnnggaacg	gcnnctgncc	cttncccccc	gnntcncngc	480
tectggccnc	ctnnccentt	gnctgnttcn	ccccccctnc	tnnnngnnn	ctnncccccc	540
tcnnnctec	ncnnctenc	nnntcccccc	nnncnctccc	nnenctnncn	ctcncnnntc	600
cnnccccccc	cncncccn	nncccttnc	tcnctnctc	tcncccccc	tcnctnctnc	660
centnctec	cncctnnc	nnncnncn	nnnnnnncn	cccccnnc	tcnctnnc	720
ctcnnncn	nncctnct	nnnnncnnt	ncttncnncn	ntnnntccnn	ccnccccn	780
nnnncnnncn	ncntnnncn	ctcncnctc	tnntccnncn	nctctctc	cnnnnnnct	840
cnnnccctct	nnntctncn	ctnccnncn	nnccccctn	ncnnnnnnnt	cnnnncccc	900
cnncccnnc	nnntcnnc	tcnncnncn	nnntnntnc			960

<210> 4313

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1051)

<223> n = A,T,C or G

<400> 4313

cannncncc	nnaacnnnna	tntcatcnan	ncacnannna	anccnncnta	cnaanatnct	60
ncgnacaacn	agngannnct	cccccccctt	nnaacccgcc	cttatgcnga	acccacgatt	120
cgaattcggc	acgagcccat	cgtgcgctgc	cccacgggtc	ggtaccacac	gaaggtgcgc	180
gccggccgcg	gcttcagcct	ggaggagctc	aggggtggccg	gcattcacia	gaaggtggcc	240
cggaccatcg	gcatttctgc	ggatcccag	gagcggaac	aagtccacgg	agtcctgca	300
ngccaacgtg	cancggtga	aggagtaccg	ctccaaaact	cannctnatc	cccnaggaaa	360
gccatcgga	ccaagaagg	ggagacagtt	ctcgctgnan	aacnggaaac	ttggacacca	420
anctnaccn	naccggcaat	ccccncccg	gaaantctna	aancgaaann	ancaacgnnc	480
atacaciaac	acnnannnn	cnngnnncana	ncnnccnncn	cnnatnnttn	naacntcnnc	540
antctnncn	nnnccnctc	naccnanc	tannntnnna	ntnctatcac	anannnagnc	600
cnnnnntcaa	caannaccn	nancannnna	annncnanc	cnnnnntanc	atncannntn	660
cncacacat	nacatannan	tanntccnaa	nnnctaant	anngcncnac	nnccatctac	720
ncntntntn	aantgcctan	aaancacnnc	cncncaacta	anntcnacat	anacgcanna	780
nataatcga	acaaancata	acgnacnna	naananattn	cnngngnaac	tacctannat	840
antanaaaca	ccnannacca	accanactcg	nccacnngcn	ctcncnncn	nnngcgntcn	900
cncacacgtc	ngcnanccac	tntcttncn	nnccnncgct	natccccgc	tccatnatan	960
naccacaacn	nnntcataac	annntcgcn	anancgacac	ctnatctcgn	cncnganag	1020
annactctaa	gnacacnata	tntgttnacc	c			1051

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4314

gatgctggnt	ncnnatgctt	atccct	cgattcgaat	tcggcacgag	tgtgta	60
tttcagtgc	aatttcgtg	ttttaga	ggtatattcc	aaaatttcct	ttttttta	120
ggttatgcaa	ctaataaaaa	ctaccttaca	ttaatatt	acagttttct	acacatggta	180
atacaggata	tgctactgat	ttaggaagtt	tttaagttca	tggtattctc	ttgattccaa	240
caaagtttga	ttttctcttg	tattacattt	tttatttttc	aaattggatg	ataatttctt	300
ggaaacattt	tttatgtttt	agtaaacagt	atttttttgn	tgtttcaaac	tgaagtttac	360
tgagagatcc	atcaaattga	acaatctgtt	gtaatttaaa	attttgcca	cttttttcag	420
attttacatc	attcttgctg	aacttcaact	tgaaattgtt	ttttnttttc	tttttggtg	480
tgaaggtgaa	cattcctgat	ttttgctgat	gtgaaaaagc	cttggtattt	tacattttga	540
aaattcaaag	aagcttaata	taaaagggtg	cattctctca	ggaaaaagcc	atcttcttgn	600
atatgtonta	aatgtatttt	tgncctcata	taccggaaag	ttcttaattg	gattttacca	660
gctgnaatgc	tttganggtt	ttaaaaaata	taacattttt	aataattttt	taaaaggaca	720
aactttcata	atnatcccgg	ngntcctttt	ccnnn			755

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4315

tnnnaatcnc	nnnaagcctt	tgttnaaccc	ctttgctact	ngcncctttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcggtggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgtctgnc	cgcacagngc	cccccgctgt	360
cactgggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgctgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccntgcct	ggcaaggaaa	gtncacttnc	600
gagccgggta	ggctagggct	tgctgcaacc	gaagtcccct	ctttggtnnt	ctaaccatcg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagnctt	720
ttggccccaa	tttccnantt	tttgaaanaa	ggnaggnccg	ccntncttta	nngggcttcc	780
aaaccttg	cttaganccc	nggctttttt	t			811

<210> 4316

<211> 942

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(942)

<223> n = A,T,C or G

<400> 4316

gnagcgtnnn	cctttggaac	ccnttgctac	ttgctctttt	tgcagggatc	ccatcgattc	60
gaatncggcg	cgngnctggn	cntaggcgtn	gnnnatncca	aggccatatn	acatnngatn	120
ntncanaaga	gncatataat	cnagnnngta	aattcacatt	gtgctgctca	catggatnga	180
acatacaa	tgatggttat	aaacctggat	gtccaccatg	actccaaagn	nctnggtgnt	240
aacctggnt	atagnngnag	ntcnannngg	actnnatatg	gataccgagg	ctctccagaa	300
caagctccan	gaantgatca	ctgngctanc	ngnggctatg	acagctgtaa	ngcncgaaca	360

ggaatacntg	gaagtccggg	aaataca	ctnagccatc	ancgactgca	cagcat	420
agtggtnctt	gtggtccttc	gaatctc	tngttctagn	caccatgaca	ngacaga	480
tntactactt	gaagagattt	tttnaagtcc	ccagagntgc	ttaganaaag	tcnactnctg	540
angatecnac	ctnaagaatt	naatgntnac	caaacaccnt	gntcntaata	atggnccata	600
gttttctcgc	atgnttttatg	gttctnggac	ttgtaccatt	tcacatcgta	atggtgnnca	660
nttngagaat	taatcncatt	aattgggggn	gggaaanaac	ggcctttttt	anggcnaaat	720
tnaattaggc	cnaaaaattt	ttcccagttt	aatttgggnc	nttaaaccct	tngtntttna	780
aancttgnc	tnccattmnt	gttanagttc	cntntcaaaa	tactttanac	cctctttmnt	840
caanttnnan	natttttnngn	anttancnnc	atnccaanca	attnttttnc	nttncnntt	900
nacnnttttc	ccntggantt	ntcctgcacn	tcancntnch	ct		942

<210> 4317

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4317

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncaggn	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcnat	120
ngncnntcat	tgaatcaaac	tggaaaacct	gctggcntgc	tgctgacgac	tctgnggcta	180
ncaaggtntc	anactcnnaa	aacatgangg	tngtnaganc	ctcnncgaga	catnccaata	240
tctgctcctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnngnc	480
ngacnatggt	aaanggacna	atnattcggg	tgatgggact	gnantgtgan	cnggnctng	540
naattanggg	gccanncttc	taggggngtc	ccnnncntg	cctntcnntc	canaaatgcn	600
tanacgctgc	ttntacctgg	gaagnnatg	gatgngnaaa	gaaacncnt	nnnttgngn	660
ctttgccaca	cnncnngggn	aaacttttga	gncannaaaa	naccncnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccctttac	780
agggnaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccgn	ttttttacag	nttngacnca	aaaantttaa	agggaaancc	c	891

<210> 4318

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4318

ntcnntcttt	aanccentat	ccttctcnaa	accttttgaa	cgcnncntnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaaggttg	anaatccatn	gctgnaatct	tggatttgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcaggt	ccagtcactg	caaaaagtgc	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaaat	tgagagaaa	cctgtaagta	300
atggaaggtg	aanaaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggctcttta	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480



gattactttc	tgggtagata	ggtaat	aaatgatagg	gaaatcaaaa	ctttta	540
tttaggagtt	ngaattctta	catcag	acattttttt	tctangggac	tactaat	600
taaatgaatt	taaagttggt	ccttangng	tcnttngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	ggggttagaaa	gcntccctgn	atatchnaaaa	ttgccanttt		770

<210> 4319  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 4319	
tggttttaatn	ctngtcaa
ntccccatcnn	ttcgctgg
agttcatgca	gctgtggcag
actgtgta	tagtgccact
agatgtagta	ttttttgtat
ttgggtttttt	aaaaaagaaa
aaattcccg	tttgtcactt
atgtatctca	gtaccccatg
gcaattagac	actttggaag
taattcacag	tgctcttttc
ttctcatggg	tggcactcag
cagttaattt	ttncaaactac
ctcgaacctt	tanactatat
	gagtcgttta
	cgtagatcng
	actga
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	765

<210> 4320  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 4320	
gtncnmnttt	gaatncncat
attcggcacg	agcttatctg
ctcagatngn	actgaaccct
actaagtgac	taaggggag
acatcccagc	ctgngcaaca
taacctatgg	gataatatac
tggacanagc	agaaaaatat
aattatnctc	tgacagatct
cctctcacat	gcacgcacac
aataaaaanga	ataatcttaa
acanggggta	gaaaactgaa
gcttaaattg	tgaaaaatcc
taggtgcaca	agacgtgccc
	tcct
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	744

<210> 4321

<211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

<400> 4321

gn ttg nng t n	ta ant t t n t a	agg at c c c t t	t n t n t g a a n c	c c t t t c t g c a	g g a t c c c a t c	60
g a t t c g a a t t	c g g c a c g a g g	c a g g a g n a a t	c a c t t g a a c c	c t g g a g g t t n	c g g t t g c a g t	120
g a g c a c a g a t	c a t g c c a c t g	c a c t c c a g c c	t g g g c a a c a a	a a c g a g a c t t	c g t c t c a a a a	180
a a a a a a a a c a	t a g a a t t t g g	a t c c t t t g g t	c g g g t t c t c c	c a a a t t c t t t	t g a g g t g t c c	240
a t g g t c a a c t	g c t t c a g c t t	t g t t t t g g c a	a c c c c c t g c c	c g a a g t c g c a	t a t a g g c t g t	300
t c t t c a c c t t	g t t t c c a a g g	c t g a g g a a c a	g a a a g t a g c c	t c t g t t t t g a	g g a g g t g g a a	360
g t t a a g t a t a	c a t t t a t t t t	t t a c t g t g a c	t t g t t c a g g a	c c a c a t t t t a	c a a a a t g c c t	420
t g t t t c c t t c	a t t g t t t c t g	g a a a g g a a a g	t t c t a t t a a t	a t t g n t t t a c	t t t g a a t a t a	480
g a a t a g t t t t	t t t a a t t a g g	g c t t a t t t t g	a a a a a t t c t g	a g t t t a a t t c	a a a t g t a t g c	540
c a a t a c c t t c	c a a a g t a a g g	t a a t a t t c a g	a g a c a g t t g t	t g g t g a t c a g	a t g g c t t a g a	600
g a a a a t t t c t	g g a a t a t t c a	c a t t c g a a g a	t c c t t a t t a t	g a a t g t c t t t	g a c t t a a a t c	660
t a a c c a a a a a	c t g c a c a t t a	t t c t t t g n a c	a t t t t c a t t a	t a t a g n g t t a	a c a a g c t t a n	720
t t g c a a a c c a	a t a a a t a c t t	a a g c t a t t t a	a a a a a a a a a a	a a a a a a a c t c	n c	772

<210> 4322  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 4322

t n n c t t t n a c	t n t n n t a a t c	c t t t n t g a n g	c c c t t n t g c a	g g a t c c c a t c	g a t t c g c g t c	60
t g t a a t c c c a	g c t g c t t g g g	a g g c t g a g g c	a n g a g a a t c a	c t t g a a c c c t	g g a g g t g g c g	120
g t t g c a g t g a	g c a c a g a t c a	t g c c a c t g c a	c t c c a g c c t g	g g c a a c a a a a	c g a g a c t t c g	180
t c t c a a a a a a	a a a a a a c a t a	n a a t t t g g a t	c c t t t g g t c n	g g t t c t c c c a	a a t t c t t t t g	240
a g g t g t c c a t	g g t c a a c t g c	t t c a g c t t t g	n t t t g g c a a c	c c n c t g c c c g	a a n t c c c a t a	300
t a g g c t g n n c	t t c a c c t t g t	t t c c a a n g c t	g a g g a a c a g a	a a g t a n c c t c	t g t t t n g a g g	360
a g g t g g a a n t	t a a g t a t a c a	t t t a t c c t n t	a c t g c g a c t t	g n t c a n g a c c	a c a t t t t t a c a	420
a a a t g c c t n g	t t t c c t t c a t	n g c t t c t g n a	a a g g a a a g t n	c t a t t a n t a t	n g t g t t a c t n	480
a g a a t a t a g a	n t a c t t t t t t	t n a t t n t g g c	t t a t t t t n a a	a a a t t c t g a g	t t t a a t t c a a	540
a t g t n t g c c a	a t a c c t t n c a	a a g t a a g g t a	a t n t c a t a g a	c a n t n g t t g t	n a t c a c a t g g	600
c n t t a c a n a a	a n t n c t g g a t	a t t c a c n t t c	t a a a n a t t c c	c t a t t a a a t g	a a t g t c t t t g	660
a c t t a a a t n t	a c c a a a a c t g	c n c a t a t t c t	c g t a c a t t t c	g t a a a t n g t g	n a c a a g c t a n	720
t t g c a a a c a a	t a a a t a c n t a	a c t a a a a n a				749

<210> 4323  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)

<223> n = A,T,C or G

<400> 4323

nttnngtttt	tantttntnn	aancctttgt	tacntgcnc	ttctgcagga	tcccatcgat	60
tcgccagccc	ctcctctccc	cgcttcttgg	gaggaggagg	tcacncgctg	atgggcactg	120
gagaggccag	aagagactca	naggagcggg	ctgccttccg	cctggggctc	cctgtgacct	180
ctcagtcccc	tggcccggcc	agccaccgtc	cccagcaccc	aagcatgcaa	ttgcctgtcc	240
cccccgccca	gcctccccca	cttgatgttt	gtgttttgtt	tggggggata	tttttcataa	300
ttatttaaaa	gacaggccgg	gcgcggtggc	tcacgtctgt	aatcccagca	ctttgggagg	360
ctgaggcggg	cggatcacct	gangttggga	gttcaagacc	agcctggcca	acatggggaa	420
accccgctct	tactaaaaat	acaaaaaatt	agcccggtg	tgggtggcgc	tgcctataat	480
cccagctact	cgggaggctg	aggcaggaga	atcgcttgaa	cccgggaggt	gggggttgcg	540
gtgagccaag	atcgaccat	tgcacttcag	cctgggcaac	aagagcgaag	ctctgtctca	600
aaataaatta	aaaaataaaa	gacagaagca	aggggtgcct	aaaatctaga	cttgggggtcc	660
acaccgggca	ncgggggttg	aaccacaaca	cctggtaggc	tncatttctt	tccaagcccg	720
aacagaaggt	catgccggcc	ccacangaaa	ancnggcagg	gccncggggg	gct	773

<210> 4324

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(916)

<223> n = A,T,C or G

<400> 4324

nttcnnngn	aanttnccng	natnntgnc	gaaccccttt	cgatnnnnn	gattcgnagt	60
acngacnagg	agannctgnc	ggncntgtgn	tggaanctnn	ntttggaccn	cnctttnncc	120
ngtgcctgt	gaactcagag	cacgggcnnt	ttggaccnac	tcaaggccan	tcattggcatg	180
gctcatncct	gaggcacgna	nnganactac	attcncagg	gcccttcnaa	acaatggacc	240
ncnatgcngg	catactgngc	ctgcgacccn	aaanacnnna	ngnntgtact	gaatatcaag	300
atcnacttag	antctaagag	agnntggnc	nnnaactgat	cancangggc	ttccangggg	360
cancannag	acactgcgag	tnacagagac	ngccatgggc	gntgetncct	tacnnagnn	420
cacaggccnn	accntcatgn	aaccctaang	ctgtncnnat	gtactccgaa	tggcctttna	480
nnccgnacng	cctctaagt	atgcnncccg	gtntcanatg	nnnccgtaca	atatctcang	540
ggacatgggg	antnatnnnc	anccnnaacc	tttnanaaaa	ggcggentta	ccnttacnnn	600
aaaaggatgg	cttnnngcta	atcaaaaanc	ntgtaaaacc	tnggnatta	taaaccacaag	660
acccgggaca	aanctnnggg	taccnngtcc	aattnaaaact	ggcctncenn	tentgggtcnc	720
ccaaccaaag	tnaaacctan	ttngcagngg	gttataccgg	nanncnaatt	ggntncaacc	780
ccaacttngg	gaaaataatt	tttncnaaat	gentcnatcn	aaccctgnct	tttnnanaaa	840
aaccaggct	ttttnnctng	gggaaccttn	aancggggan	ttggccttnn	caaaaccacn	900
tnccncttta	ggtnnn					916

<210> 4325

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4325

cnttnnttna	tgacccttgt	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
------------	------------	------------	------------	------------	------------	----

cacgagggaa	ccatgagaac	gctaga	attgntattg	aattacttta	ctcttc	120
ccttattggg	tagagataca	tacttg	cctcaggggt	ttacccaaag	agggtatt	180
tttgagcaaa	taatgtgatt	tcctggctat	tttggtgggg	gcttaagatt	tttttttttc	240
aaatgcattt	ttagtcacta	aaaattaact	gtcgtaccat	ctagaactat	actgtccagt	300
accatagcct	ctagccgcat	gtagctattt	gtattaagat	taattgaaat	tttaaatacca	360
gttcctcagt	cacactagcc	actttctaag	tgctcagtag	ctctgtgtga	ccagcggcta	420
ctgtattgga	tattatagaa	ggttctttca	ttcaagatca	tcattcttga	cagacccata	480
aatatttcct	ataaagactg	tagaagtgtg	ttctggaggg	tttgctctcc	aaaaagaatt	540
gtaatataga	gtagaattgg	gatagagtat	tgaagacact	gggttttagac	attggatatt	600
ttaatgattg	tgtgtcta	tcattgtgct	gncaactgag	ttatctagtg	atatgacctc	660
actgtcttga	ccaaagccag	aatngaaggc	aggattcctg	aatctatctt	aaaattgcaa	720
tggaanagcc	ttttccctaa	attatccatt	tgtaat			757

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4326

ntnnnttctn	aatccttggt	cncgcctttc	tgcaggatcc	catcgattcg	gagaggagca	60
gggtgcagtga	ttcatacca	ctctaaagct	gctgtgatgg	ccacccttct	ctttccagga	120
cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	taaagaaatg	tacttccgga	180
gggtattata	gatatgatga	tatgttagtg	gtacccatta	ttgagaatac	acctgaggag	240
aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	acccagactc	ctgtgcagta	300
ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggc	caaaaccatg	360
tgtgagtgtt	atgactat	atgtgatatt	gccgtatcaa	tgaagaaagt	aggacttgat	420
ccttcacagc	ttccagttgg	agaaaatgga	attgnctaag	ccaaaagaaa	gtctaattat	480
atacagagat	aaagctaaac	gtaattatta	tttaaataag	agctattttt	ttaaatgaat	540
ngaaattttt	catgatgcta	ctaatttgnc	actaaatctg	caaattggta	ccctgaattt	600
cttctgacat	tggtgntatt	tgcttatatt	ccttataatt	ttaaatgaag	gcacagtga	660
atgaaaattt	tatactctat	gnntctggna	atttntaaat	ccttaacagc	caaatttttt	720
gcctttaatt	cttttanata	tatactctcg	agaaatcn			758

<210> 4327

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4327

ngtanantan	naacntgggt	ntcgctcttt	ctgcaggatc	cctcgattcg	aattcggcac	60
gagccaagga	gttttccacc	cgtctctcat	ggtcacagcg	ctagtcattc	atttttgaga	120
agttgcttct	tttacatcag	aaaaccagtc	aatcatatgg	agacttcttt	tgtgatgaaa	180
aagggtttta	gaagttaa	acatgcatgc	acatgaaaac	atgcacaacc	acagcctcaa	240
tcttgtattt	agtttgggga	aagagaagag	aatttcctgt	ggattatttt	ttcctcaagt	300
gcacctctct	ggttaacca	aactctgcaa	gaaagcactg	tgactaaaac	atacataacg	360
cctgcataaa	tattccatgg	tttcagttaa	atttcagttt	ttagccttta	cacatgaggt	420
caaaggagtg	acgaaaatac	aaagcaagga	aaaaatgaaa	tatctgggtt	ttgctgaatg	480

cttaatttat	tttttactgt	ctccaa	tatttatcaa	atccaaatag	aatgct	540
tctctgtagt	aatactaatt	gccttt	tgtctgcttt	cttaagacca	ggttcaca	600
ctttgtagat	attaacaaat	atatttccga	ttggaataca	aaaaaaaaa	aaaaaaaact	660
cgagcctnta	gactatagtg	agtcgtatta	ccgtgatccn	gaccatgata	agatccattg	720
atgagtttgg	acaaccacac	tngatgcagg	aaaaaat			757

<210> 4328  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 4328						
ngtanantan	naacntgggt	ntcgtctttt	ctgcaggatc	cctcgattcg	aattcggcac	60
gagccaagga	gttttccacc	cgtctctcat	ggtcacagcg	ctagtcattc	atttttgaga	120
agttgcttct	tttacatcag	aaaaccagtc	aatcatatgg	agacttcttt	tgtgatgaaa	180
aagggcttta	gaagttaa	acatgcatgc	acatgaaaac	atgcacaacc	acagcctcaa	240
tcttgatatt	agtttgggga	aagagaagag	aatttcctgt	ggattatttt	ttcctcaagt	300
gcacctctct	ggttaaccca	aactctgcaa	gaaagcactg	tgactaaaac	atacataacg	360
cctgcataaa	tattccatgg	tttcagttaa	atttcagttt	ttagccttta	cacatgaggt	420
caaaggagtg	acgaaaatac	aaagcaagga	aaaaatgaaa	tatctgggtt	ttgctgaatg	480
cttaatttat	tttttactgt	gccactccaa	tatttatcaa	atccaaatag	catgaatgct	540
tctctgtagt	aatactaatt	ttgtgccttt	tgtctgcttt	cttaagacca	gttggttcaca	600
ctttgtagat	attaacaaat	atatttccga	ttggaataca	aaaaaaaaa	aaaaaaaact	660
cgagcctnta	gactatagtg	agtcgtatta	ccgtgatccn	gaccatgata	agatccattg	720
atgagtttgg	acaaccacac	tngatgcagg	aaaaaat			757

<210> 4329  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 4329						
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agctcagctc	ttcttgggtc	tggctagact	gcctagattc	ccacagcaga	caagggtgag	120
aatccattgc	tggaaatcttg	gtattgatga	gttacagtga	tggaaacatgt	gcttggccac	180
aggcaggctc	agtcactgca	aaagtgacca	agccagcagg	tcacccttaa	cttcagaaac	240
aattattggg	ggtgaactgt	acttaaattg	cagagaaacc	tgtaagtaat	ggaaggtaaa	300
gaaaaattac	agaatggaaa	ataatatttt	gggcaagcaa	acaaattcac	tgagaattcc	360
aaaagtatat	taaaaaagaa	gatagctatg	agttcagatc	tatcttattg	gtctttaata	420
ttacaaccaa	tccttaactt	tccactataa	aggaaggatt	actagattga	ttactttctg	480
ggtagataat	ctggtaataa	atgataggta	aatcaaaaat	tactttttatt	taggagtttg	540
aattcttact	ctcatcagac	attttttttc	tagggacgct	tactaattaa	atgnatttaa	600
gttgnttcta	agggtttttt	gcctatatat	ttatgactgn	gttaatgagt	antgaaatga	660
tgcggaaggc	agcttcagga	agaggaatnc	agaacctgaa	taatctatgg	gttagaaaag	720
cttctgtaat	atcaaaattg	gcngtt				746

<210> 4330

<211> 967  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(967)  
 <223> n = A,T,C or G

<400> 4330  
 nnnnnncann annnnnnnna ngnnnncnna ccannncnnn cnacnnagng nccccgtccc 60  
 aaagccggca annccgccgn cngcnnnnntc aaacnttgca ngcggcacnn gnnngncccn 120  
 acgangcgcc agcgcgcgng anacngngct gccaaagaaan gngngcncan agnccggcct 180  
 ngagaacagn acagngganc gtcanaagca gngggangac agacgacnga ngaaa'cntag 240  
 agcccagggg nagcgngacg acggaccagn tcccaaaggc nggngcccaa agcngacnag 300  
 ntnnaggaag aaanacnggg gacacaaccg gagacanccg annaggagcn gacnganntg 360  
 gacccanang gcaagaagca ccnaaacang ncacccacca nacgaccggg gaaggcacga 420  
 acggtcngag cacgagnaana acngaaacna ancaacgcgc acacanngng aganagaaac 480  
 accncnaaca ancnaancgn gggaanangn agaccggacn cagaagaang gcncaagann 540  
 cggcanngaa cccnnaancn gacggaannc agggngcggng ccaacaagan ggcngangcn 600  
 ggncaannna nggcccggcnn ggaaaaacga ccaagnngnn cnccaaaaaa gacangggcaa 660  
 aagnaaccgg gcaaagggca ancncnaagg nnaagcccna naacgcgcgn nnggagcaaa 720  
 angnnccaag ngaggancna aagangggga aagggggcca cnaagngggc ggnnaannng 780  
 cgaannnaaa acanagggng gggggccacng gnaaacccaa gcgcgaaann ccnggcncna 840  
 agggccccga aaacangggg ngacaaaaac ccnngccaaa accnnanggg ngggncctat 900  
 cnggannaca naaggngaac cgnccaaggg ggcanaaagg aaaggccatn nnaangnaaa 960  
 agagccg 967

<210> 4331  
 <211> 824  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(824)  
 <223> n = A,T,C or G

<400> 4331  
 gttagngtgn ggtatnaaca gctcttgtn gttttgcgga tccctcgatt cgaattcggc 60  
 acgaggcnac nggtgaagcn nntgttgngt gngctnctca tgaagaanct gtggcnggta 120  
 tggtcaaaga canggnat atgcantaca gatatataga actcttcttg aattnaccaa 180  
 cangggccgg ntaatggggc gnatgtcagn caantgatnc aactgcatgn ggggtgtctnn 240  
 tgcccaggnc acttacagng gncgtgaaaag ccagtcannng caangngtg ncnacgcgn 300  
 ggnttcngtg ggtnaaccag gcatggngctg gntatnacgt aatcttagnn aggaacaatt 360  
 tnagtnactn tnttctnat tcncnngnga gncctcttnc angttngtga gcatttntca 420  
 ataagaaaga agnctggggg acccatctng cancattnan ttcanggaaa aatctngatt 480  
 taataaaagt acctntgaac tgtnnnntaa ngcncnnttt nnttgtagcn tgtgataatn 540  
 gatgcgaact tntactatnt atcagcatgt tctnannata acnttttggt tannatcngt 600  
 ttagnantga ttcntcatn agcctaagaa aacttaagnn nnggcaaaat gccggatcat 660  
 tgtcacaggc acgttcacna attnancnc nctcgtgac aacntttctt gntttttngg 720  
 aaanaaatc cacaggngct agnctannca tngntctn ggaaatttan ctntaatggt 780  
 ttcggtanaa ntcccgttg ngnggtttna attaaaaaaa nccg 824

<210> 4332  
 <211> 830  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 4332

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgtn	gngtcctgnn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taattttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctca	gtgatcctcc	tgcccttgcc	tcccaaagtg	ctgggtattac	aggtgtgagt	360
cactgcacct	ggccaagttt	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccaa	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaaccct	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccntaa	tagncaantc	ntnttaannc	cccnaatcnn	ttagnccctn	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaaccctt	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4333

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4333

gnnnnnnnttt	nnnnnnnttt	ccnannngnn	nnnttcaa	at	tttccnaatc	gctngncttt	60
ttgcaggatc	ccatcgattc	gcaccgctat	cagaaaaata	tcc	gtttcat	ggtttatact	120
gaatttgcaa	actactgata	tgatttttca	ataaccactt	gtatcttcca	tcatccatga		180
gaggtgggaa	gaggtacact	gtatctctgc	aataaaactt	tggccagggt	ctacctctc		240
tgagcaaagg	atacttttct	atgtaggtgt	agatggttct	cctttactaa	tctgacatgg		300
tgcatctgga	gacaacatct	gatgggatcc	aaagacaact	tgaacaaaag	gtggatgtca		360
gctcttggtg	tgttttcatt	tggttctctt	ttttaaatct	cccttttggt	atcgctcctg		420
ttgtagcgtg	tccatcagtg	tgtgaagggt	gcgccctggt	ccaatgatac	tgcattgctg		480
catccagcct	ttcgtgggag	cacggtacca	agcgtccgga	attgattatc	ccaatcattt		540
ttgatatgta	actgaaaaat	ttggtctcat	gcaataaaaa	tgtactggct	gcatttttagc		600
aaggtttatt	tactcttgca	agtaaaaacg	atcaaccgtg	aagcgtaaca	aattctgtat		660
ttagtttttt	ttctgttggtg	gtgggttttg	ttttggtttt	tggtttgtaa	gattctaaat		720
aaattaaatc	gantnaaaaa	aaaaaaaaaa	aactcgagcc	tttanaacta	tn		772

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(729)

<223> n = A,T,C or G

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<400> 4334
gngnnttttga aanccntggc tttgtttct ttttgcagga tcccatcgat ttgattcgg 60
cacgagactt aaacatgtca cctaaatgca cttgatgggtg ttgaaatgtc caccttctta 120
aattttttaag atgaacttag ttctaaagaa gataacaggc caatcctgaa ggtactccct 180
gtttgctgca gaatgtcaga tattttggat gttgcataag agtcctatct gcccagtta 240
attcaacttt tgtctgcctg ttttgtggac tggctggctc tgtagaact ctgtccaaaa 300
agtgcattga atataacttg taaagcttcc cacaattgac aatataatg catgtgttta 360
aaccaaatcc agaaagctta aacaatagag ctgcataata gtatttatta aagaatcaca 420
actgtaaaca tgagaataac ttaaggattc tagtttagtt ttttgaatt gcaaattata 480
ttntgtctgc tgatatatta gaataatttt taaatgtcat cttgaaatan aaatatgtat 540
tttaagcact cacgcaaagg taaatgcaca cgttttaaat gtgtgtgttg ctaatctttc 600
catangaatt gtnaacattg actgacaaat tacctataat ggatntgggt aatgacttat 660
gagcaactgg nttggccaga cagtataccc aaacttttat ataatatcag aagntatcac 720
cttgtgaaa 729

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```

<210> 4335
<211> 750
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

```

```

<400> 4335
tcggcctttc aaatnccttt tctattttna atncttggct actttcactt tccgcannga 60
tccntcgtnt aaaggcagcc cccaagtccc agaaagctga ctcccctagc atcgactacg 120
cagagctgct gcngcacttt gagaagggtcc agacaagcac ctggaagtgc ggcaccagcg 180
gagcgggctg ggggaccacc tggaccggag ggttgtcctn tgacangcct ggcacggang 240
agggccacc gagtggaccn tnaancacta cnggtcntna aacacntncg atgaggccat 300
atctactaac ttaggccccat ggtcagatat gatnatctgc aaacccatct tgaccttgag 360
tatgtgaagg ggtactgtac tttattcctg atacattttg gtttccatgt aggtgttgag 420
ctcctggttt tctgtgtttg gatgatgaag atttggaccc ttccattcat aatccctttc 480
taagtgaaac ggagaggctg gcttggctgt tccttgttat tccgaaagcc ctgggttggg 540
gccatgttc aactggctc tcagtctagt caggtgcaat gttcttgaan angtggggac 600
ctaattatta ccanagtagc ancaagagag gaaacgttgt gaattaaagt attcaattaa 660
aaaggaaaca tgatttctac ctgaaaaaaa aaatggctgc nancggataa tngtntgncc 720
cntgntttnn anccggagnc cnnnnacat 750

```

```

<210> 4336
<211> 991
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(991)
<223> n = A,T,C or G

```

```

<400> 4336
ggggncattt tgcnaaantc cccgngttt ttncccngtn nttgccnaaa aanagncccn 60
tttgggggcn ccccntntt ttgcaaaaa natccnnccc taggggccta acctatgggc 120
tgcnntatan gngggncagg gggagaancc ccgnaaang cgnaangan ggangnaaan 180
naacgggggc acacacgcnc nagngggcag ngncnnan ggggnagann ngnncaggga 240
ncagnggggn nngnnctnc cgancanana cnggngggg agaannncna gagggnaagn 300
ncaccncncg anaagnnga nagggnggna ncntgnanna cgacnanact nggngnggca 360

```



anccgnaann	gagacganga	ggngtn	cnanggcgca	aagnagnant	gcnenn	420
nngatacagn	aaaaaggann	nnnnacn	gcnanganag	agnananac	nnanctnt	480
ggaggaagag	acggaanacn	gggagaggaa	gggntnagna	annaaaggca	aggattaacc	540
tnacagaaat	gaanaanccc	nanncacngg	ngncntctgc	aagngaacca	cttnaagcca	600
angtnaagca	gntgcagctt	gatagcctgc	taccactgag	agggactcag	aagagtgtac	660
tncattgcaa	tacttaaaca	gcgccatctt	gctgtggaag	cctacagaaa	actgnggatg	720
aacacaagaa	aacgatggaa	ttactgcaga	gtgatatgaa	tcagcacttc	ntgaaggaga	780
ctcctgggaa	gcaaccagan	cattccggca	ccttcagnca	catcagnact	tggcaataaa	840
acccacagng	agaattggaa	aacagatggg	gnganagaac	tggccctctg	gaaaagacag	900
cttnggacaa	ggtcaccaac	ngaccagatc	cnggnaaaaa	atccaaggca	taaaggaaa	960
aagannggtc	caaattctcag	gggatccaac	c			991

<210> 4337

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1188)

<223> n = A,T,C or G

<400> 4337

ccttaaaaaa	ttggggccct	ttggggccct	tacttcnggg	tagaatnctt	ttttnttggn	60
ccaggggaaa	tccccccant	tccgcnaana	aancgggaaa	atttgtgccg	ggggccaacc	120
ggaagggaaa	cnttcttggg	ggncacacca	aaggccccc	agggnaagg	ttccaaattt	180
ngggtnnttc	ctttttttnc	naaagggccn	aaggtttccn	atntntnnan	ngngggcggn	240
ccaaaggccc	ngntnnatnn	tgntangtn	cgnnnnncnn	atntntnnan	ngngggcggn	300
anattnnntc	ntntntntnn	tgntntcnn	nnntnnnnnt	ntaanncnt	tattnatntn	360
ntatncagcc	ncnnntanan	nnantnctnn	naatntntnt	tntntactc	nnnnnattnn	420
ntngtngtcn	nctncnttta	ntcatcata	cnnatatcat	ntaaanaang	cntnnactnc	480
ntatnatccn	ttngcatctt	cantgttttn	ttntcanct	ncttgcntcn	mntntacant	540
accantnntt	aagctctttt	tacnatgnaa	tactcannaa	gagntngagg	ttggctgnan	600
tttanctttt	taaantcntt	gtccnntggg	ctcntgaact	ttttnnannt	tggtggccct	660
tttactttta	ctntnnatna	natgggantn	cgntnnaatc	tntnttcata	naatttttgt	720
acnnntaanc	gttgatntta	gnanaaacta	cnaggnacct	nnntttcant	aggnttttat	780
tctntttttt	aacctntntt	ttgatatntt	cttaactatn	ngcanancnt	tacntnancn	840
tntcnntttg	nttaaaatgn	gnatnggnnn	acnnnatan	gacctnnag	ctccnncatt	900
ttccttnaan	anagencant	tcnantattc	tatttnnaatc	aatnttatca	ntcgngcttg	960
ctcttttnan	cnnancatan	gatntncang	gtatntntan	gccnanntnc	naactantnt	1020
gcactcnact	atcncancgn	taataagacn	tatanaangn	tcntnnnatn	naaccttttg	1080
nctnacantn	atnttgtaga	tannttcctc	ncnnanannn	nagnntnann	ttatnatntt	1140
ncatatcann	cnatanactn	taataagtac	tntataaant	tncgnncg		1188

<210> 4338

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(941)

<223> n = A,T,C or G

<400> 4338

ggggttttna	ataccttgct	nctntntntt	tatgcangat	ncnntcgatt	cgnatnnncn	60
gcgaagntgg	cnnatgcnga	canggccngt	tctgnatgan	naatgnncat	ctatntccct	120

cccaaanggg	cgncccangg	gtcttg	ggatccnatt	ncacccatga	tactnc	180
ntgctncttc	ctctnntgct	gtnttg	ncacaaatnn	nnnggnanca	ngncng	240
tccattggag	atgtcgngna	taaactgcnn	tagatgtntn	ctaactgn	tgnaaatgac	300
gagcatnctt	atgagacgaa	ggcntccnaa	gcngtagntg	cccangatnc	gaggtangct	360
atgtggtctc	ttatctaate	tagaaatgaa	aacgcctgt	ntnncagcga	aanntanggn	420
acgnntgnac	actngcttna	acnnaancctt	anatacaaca	ggggaaggga	aattgggggg	480
gaaaccattg	acaggncctta	tcanataggg	nttaaataag	aggaccacc	gnttgtaatn	540
aacatgnnga	ttnatttggg	ggaatacggg	tncaanaggt	nccaggttnc	acttggtttn	600
tttttaacct	tatggccnan	tanncggttc	aatttggatt	ttggggangc	cccttttnca	660
ttttgggaan	attnggagcc	cnctaattgn	cgnggaanca	ntttgtnggn	tnccccaat	720
cntaatgggg	acccctntna	naaaacctcn	ggggggtgga	nccctctct	taaaccaaan	780
nacgcttttn	ttgggtttnc	caanaaangc	nnaccccccg	gaaaacttnc	ccttttnngn	840
nnaatttctn	caaccccccg	ggngngaatt	ttccttngng	aaattggcaa	ttcccngttt	900
naagggtgcc	caaaaattcc	ngnttttttg	ccncaatac	c		941

<210> 4339

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4339

gngnggggnnn	nnnnnctatnt	atacatcacg	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	tcttggcatg	aagaagatca	agttagacac	tccagaggaa	120
attgcacggt	ggaggggaaga	aagaaggaaa	aactatccaa	ctctggccaa	tattgaaagg	180
aagaagaagt	taaaacttga	aaaggagaag	agaggagcag	tattgacaac	aacacaatat	240
ggcaagatga	aggggatgtc	cagacattca	caaattggcaa	agatcagaag	tcttggcaag	300
aatcacaaat	ggaaaaacga	caattctaga	cagagagcag	tactggatc	aggcagtcac	360
ttgtgtgatt	tgaagctaga	aggccaccg	gaggcaaattg	cagatcctct	tggtgttttg	420
ataaacagtg	attctgagtc	tgataaggag	gagaaaccac	acattctgtg	atacccaagg	480
aagtgcaccc	agccctatgc	tactaatga	gtagctatgg	cagtctttca	gggtcagaga	540
gtgagcccag	aagaaacttc	catcaagact	tgaacagacg	ttttggcaga	aaaccagggt	600
cttgatagca	gtgctcctaa	gagtccaagt	caagatgtta	aagccaactg	ttagaaattt	660
ttcagaacca	agagtgcaga	ccgaaagaaa	agcttttgaa	aaaccaaccc	ttaagaggaa	720
aaaagattt	tccactntc					740

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4340

angttggaaa	nccngncntt	tcaaatanct	aggctactcg	ttctttttgc	aggatatcca	60
tcgattcgaa	tnccgcacga	ggncnttgg	ngtnggnnat	tntncannaa	tnntnnacgg	120
acannncttc	gcnattatgg	tgntcttggg	tgntngggnt	tgttggttaa	ccctacatca	180
taangcattn	aatgnattan	atnttgnat	tgntgncaaa	anggaatagg	gtcnacaant	240
nctgtgngna	tnnaacctgn	ntcanatngc	ntttggnaat	nttctntacn	cnnntttnaa	300
ttccactgta	aatnntgacn	gattantncc	nantggnttn	tcnttggaga	aaatnnattt	360

tncactcnncn	gtctncaent	ttnaagc	gtattttatg	ctggcnggnc	atanat	420
ctacnccctt	ttgatgcctn	nnanaaa	taatgttaan	tagtgcgcaa	ngntatt	480
gtnttgngga	caancntaaa	tgngccatta	nnggcntacn	atgcnnttat	gccacannac	540
cannngcna	nngnttttga	ttangggnan	gcattccnta	aacaaccng	cncnatgaac	600
tngaactngn	ttgggaattn	antnngggaa	tnaanttggc	gntnatgggt	gnngggncg	660
cctttacccc	gnccacanaa	attccttgng	caatttnnnn	ctttaaagg	nccananggc	720
nttaatgggn	ttnggnaact	tntaancctt	ttttttgttt	gctntttang	gngtggccna	780
gatggcacia	ncnnncngaa	ntntnggtgc	ntnaacctct	gnttnaannc	taantagggg	840
antgccaagt	ggnttttnc	tttngcncn	aatantnttt	ttcttgggng		890

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4341

ntgnnnnnnt	tnnccctttt	cnaatcnctt	ggctactngt	tctttttgca	ggatcccatc	60
gattcgggag	aactgctcac	tcctttttcc	tccccataca	aactcaaagt	cacctgggcc	120
ccaattcaga	gttatgtttt	ttttggcaca	tactagaaaag	gcagtgcctc	agcccttccc	180
tgaatccatg	gaggtgttct	gtttggggct	ttttagactg	ctgctgtctc	gctggttgct	240
tgaactgaca	gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	300
agcttgctta	gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	360
caatgttaaa	tgtaagcacc	cctgatccca	ggacataagg	aaagatgcc	aattgtactt	420
ttgttctata	gcctgtgaaa	tggctagtgt	atcatttttc	cacaaagaat	taggtgttaa	480
gagttttcct	tcaggcttta	cttaggagaa	tggactaagc	tgaaagggtg	acttcaccag	540
caagaagtca	actctagaaa	ttcaaggatg	ttcctttctaa	ttggtttctt	aagccatctg	600
tcanggaaat	ggtaactttt	ggnttttaatt	tttnggctta	attcccaagg	ggggtaaagc	660
ccagnaaaaa	ttngaaaaat	ggaattattt	tcctggatta	aatnagcncg	naaacctttt	720
ttcnaattct	tcaaattntt	ttaaangggg	gtcttgcttc	tttttnaaaa	gcctnt	776

<210> 4342

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4342

ntggannnct	ttcccctttc	taatncttgg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacagggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttn	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtgggtctg	cagtttctat	cttcttggga	aaagcaagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacaag	tgatgttatt	agcaactgtg	tgggtgggag	aggttgtngg	cttggaacaaa	540
atcaatccgn	gtgggaaaat	tgtaggaag	ttttattaca	tttaaacttg	gntaacctaa	600
aatcccntca	aaanaaaaann	antctngncc	aaanttaagg	gtntnnnaat	naaaaaaact	660

ttngnncctt	taaaacttnt	ngccnt	nttaacgtta	aatccccgna	tacgaa	720
tcctnttggt	gaattttngc	acccact	tt			752

<210> 4343  
 <211> 1069  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1069)  
 <223> n = A,T,C or G

<400> 4343						
gcnc aannac	angan nnnnn	nnnna aanaa	caacccnaaa	nnannngnac	cnannannna	60
nnnganngnn	gnancagnag	gnnangngtn	anccgcnnng	aaaccctgcg	accacaganc	120
ggnggaaccg	gcnnaggccg	gacaccnngg	cngnggncac	gcggnacagn	aggccacggg	180
gagcagaaca	cngnanacgg	cnnngaaacc	nncccaccan	canagagaga	nnggaagtga	240
cagcacant	gganaagncn	aagacccana	ngacgcagaa	aacaanggga	cangaggcga	300
angcanangn	ggaaaaanan	agcggaagaa	caganacgga	gacaagnac	caccgnnang	360
ncagaggcca	ncganaccnn	ggnnngccng	ancaanagac	aaacnccgac	ncannanang	420
cggccnggan	nanncnngagg	angcaaaaga	gagaaangaa	gccagggaag	ganacnngnc	480
atncnnnccn	ncnnacgaan	ggaaacgagn	aanncagcan	ggcnggacac	aacgacacng	540
gaagcaannn	ncgnanggaa	cngaaacnan	ccgaagaann	ggancgggng	nnaatcaaaa	600
gnggaaccnn	ncgaangncc	ancncancaa	gggcnnncca	angngccann	aannngncna	660
aaaagcgccc	nccaagaggg	ncgacganga	cgnaacnaga	gnccgacggg	nagncgaaga	720
ccaaancagn	nnccaangaa	ngcagaanng	gagcnaagcc	cnngaannng	anaaaaaang	780
ggcncgggnc	ncacnacgaa	gccccanana	gggggaaana	acgnagaggg	gnaacagagc	840
ccnannnnnn	gcgngngana	ngacacagga	nnacaaangn	gaaaagggan	ccacancann	900
gnaaacccgg	gcaaggggaa	acncccaann	gcaaagaaga	aagaacagag	cacgcaaagc	960
agaaangnaa	caganaacaa	gggaacnaaa	gagcgngaca	cagnancnaa	nggcaacnan	1020
nngnaggcna	cccacgncan	ngnnangccn	nnagnacann	cgcnanncg		1069

<210> 4344  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 4344						
ttgatccata	tanatacnnc	tanttntgca	ggatccctcg	attcgaattc	ggcagcagnc	60
ncatnccnac	cactactgat	gantatnntn	caaagagnga	tacnctntgn	ctnatggmnt	120
naacnctcnt	tatccaantg	ggnaaggaac	ttggcncggg	angacgcaga	tgtgtncacc	180
tcattntcaa	ggaaanctgt	gaanccccctg	cctccttttn	cttgcccteng	antgtntgtg	240
acnacancgg	acnctnnnnn	catcncnanc	ntgtagnnga	acggnantgg	aanatcngtg	300
cactcgtnta	tnnnacngng	agggaccatn	naccnaagnc	ancttagcaa	antggcttng	360
atgctgtggc	tgannancna	ctgcnggtgc	attcggacac	atttgcccat	nacnctgang	420
cncatttctg	nggggtcaag	ntcatnctga	tcttntgng			459

<210> 4345  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

<400> 4345  
 tttnnaacctt tgcatttgan ccctttgcag gatccctcga ttccaagnng ncacnaggtn 60  
 ngctgnacnc ttggctaagg nnactgattc tgngcncctt acccatgttc atggngangnc 120  
 cnggcctnct ctggccatnt gccncaacga ntattcntnn ccnnaattg ctnatntctt 180  
 gggatantag nntanmtgan ngatttngca agacnagaan gtntctacnn ntctgnccan 240  
 nacgtncgct acttntnagg ccttaacaaa tcttggnat gcattggnata tatactcttc 300  
 taangnacnc catgncagg tccatnccat tcattgaatg ccaangatan accagctnct 360  
 ggtncnnaag nagtntnag ncancntanc aaagancnn gggcccntgg ngnttgacan 420  
 cattcatcgt ggaggaacaa tggannnagt ctnactttcn cnanncnann ttctgattna 480  
 aggnttgtga aagagtatta catnancgtg nanntcangg ntgatntanc ncanaaatgg 540  
 cancttttnc ttgcatcnag ggtctnggcc cctttntnca taaaaanngg atctgaatag 600  
 gctttnttan ttaccnncnn cacaccnnat gnantaanct aaccctttgc naangttagn 660  
 nnnctttacc acanaggctn ttacncaaaa ntannnggtg anaaccccg ccanttttct 720  
 agattantnc ccaacttang ccctgncatn cacttgatac anggccctt tattanaatg 780  
 aact 784

<210> 4346  
 <211> 887  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(887)  
 <223> n = A,T,C or G

<400> 4346  
 caaanccctt gccccctttt aaatcncttg gctactcgtt ctttttgcag gatcccatcg 60  
 attcgntgct ggcactcagg cncnntgnat ggnaantgac ataatgtnan cnanangcnc 120  
 tctgntgtat gagttgtgct tggtttgnnc nagnaggaaa ctgngnnntn tataactacn 180  
 ccnangccnt ttggacaaca gctgggatcc aaccnttgct nntngnnnna ntgttctttt 240  
 cagnnccctn tgggntagac canaacantt ccttgtnaan ccnaacnngn caaaacntng 300  
 nancagggnt ncgtnnccca angtnnttnn ttannngccc cnnngnngna aacnntttca 360  
 accccttgnc tttgggnanaa nncttngggc cntnaaaatn nnttnnatan naccttnnnt 420  
 ggggattcnt ttaatttcta ntnaaangtt ggtggtccna ttttaacctn naaaatgnnt 480  
 ngcaatgnnn acttataacc cttanatcgn ttgntttaat tgaaancntt aacngtctaa 540  
 acnccttnag ctaaaactcc caatatcgnn ggtaaccng gngnatgnnt nggggccaat 600  
 ggnnttttca annnnnctnn aagatccctn gnatnnnnag aaggatatnt nccnnttg 660  
 gantanttct ctgntntatt cnnncgaaaa agnaccttt gncctcttnn nattgnaata 720  
 ttngcctngt nttaaaangc nngncccant tttgggggaa tatnnnnntt ctngganana 780  
 aaaatggggc ccncctgggn tactttatat cnttntnnng aaaannccgn cnaanatcct 840  
 ncatatgggtt ggntcntttc atgacngcgg ggnttanttn ntncctcg 887

<210> 4347  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(463)  
 <223> n = A,T,C or G

<400> 4347

tattcnatct	gctacttggt	ctttgcag	gatcccatcg	attcgagann	aggangaang	60
acnctntgcn	tggnacaggg	ctntgncct	antctgaata	tgtcattccn	ncacggngan	120
cnnnagcctt	tnnntctccc	catntttggn	aattactttc	ttgangatgc	tgccctttnaa	180
angcttcncg	tacattatcc	atntttaaaa	aaatctntgg	actggatcta	ctgaagcgcc	240
nttgctntat	taanntnagg	gcctcnagca	cctaaanntc	tngaccatnn	naagacattn	300
ntncatttna	ctnctttgta	taactaaata	ctctntannn	atttcnnttn	caatacngtg	360
ganggnaatg	anaagcatnc	taaanttggg	tnaatntant	tcnntnanna	tgtningacna	420
aagaagaaaa	tngcttgtnt	tcaggttcat	nggcttgtgc	tgg		463

<210> 4348

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4348

tttcnaatgc	ttggctactn	gttctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
gccngtntnt	nctaantntn	nnatgntnac	ctgggnntgg	tggtgggnng	cntgcagnnc	120
canctactca	ggngctgng	gcatnanant	ngcnngaacc	caannggtgg	nagttgctgn	180
natccgaggt	tgcacactng	nactccancc	tgncacana	tcgagactng	tcttataaaa	240
antaannnga	nnatgmnaga	cctatcagta	gggtgancac	ntgtccttnn	gctntgcngn	300
tcnacnttna	tgcgatgnga	tccantgang	ttnaaccccn	ttccactnnn	tngnnaantc	360
ntnnnttaca	tnctgtgntc	cccaaaacat	ntcacgtaac	anttattcct	aggtgcagnc	420
tcnctatcnn	taggntcttg	gtnggccaaa	ttcctgggat	cangtgaagg	tgggctgtnt	480
cagtaanaan	tgaatggact	gnanagngcc	cattttacaa	ggaccatnct	tnctgggggc	540
aagccaataa	attatttncc	ctntttgggg	gaaaanaatt	ttcgganccn	taaattanat	600
ttcnggaaac	cnccccnaaa	gncttnattt	tcccnnnaca	aannttngng	ganncatttt	660
tanggggnaa	nnanaggngn	naagggtttc	ngttggnttn	gccentaant	tcccaaggnc	720
ntngaaaccc	ttatgggggn	accncattcn	ggataatttg	nnaan		765

<210> 4349

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4349

gtcntctttg	aaancccttt	gctacttgct	ctttctgnag	gnaggcatcc	catcgattcg	60
ccnacgcncn	gnngcaggg	gggttgctna	tgngcncctc	ttccgcttnc	ttgntnaatn	120
actntctggn	ctngctcgnt	cngctgctgn	nancggaann	anctcnntct	aaggcggtga	180
tncnnatatc	cacagantna	ggggataacn	cnagacngaa	cntgtgatcg	aaaggccaac	240
agatngccta	naaccgtaaa	nanganant	agcngnccta	tatccatang	ctngctgcnc	300
ntgactagca	tatcatanat	gtcactgtca	tgtncntncn	tngaaaagnc	cgtnaggnt	360
nttatgatac	nnggcnnntt	cacttggann	ccanntcaag	cncncngctg	ttacaatgct	420
gnngctgaat	gnatacccg	ccnacntgnt	nnattaggna	acntgggatc	ncttctatnc	480
actgtnacnc	tcatgggggt	ttgggnaaat	gcccangnn	nngnccgna	ttccncccg	540
aagntttgng	gnatgttggt	gnngaccgna	aacccttgg	ncgttaccaa	ttggggggga	600
aanaaccttg	ttgggccttt	taaaccccg	ggtaaaaacc	ttnatagga	aattttagga	660

gtttgnccan	atnccccggn	naaggc	cnnacccaat	tgttttaaatt	ccaacn	720
ttgncctttg	nnnnaanggn	ggtnaa	accgggggga	aattccccctt	acancgn	780
antagggtn	ggcanggcnt	tttanaggga	ntccccctnga	aaagcggtg	gnnggtnaac	840
ntttcgggct	ttggggttga	acangnantc	tncaaattng	ggaaatcntg	g	891

<210> 4350  
 <211> 812  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = A,T,C or G

<400> 4350		
ttnctaannn	ntncttnnna	nnnnntggga ncttttnctn nctccannna tncnanntgc 60
nttnccggtt	gggagtcagg	cctgggcagg accctgctga ctctgtggcg gggatctggg 120
agccaggctc	tccgggcctt	tctctggctt ccttggcttg cctgggtggg gaaggggagg 180
aggggaagaa	ggaaagggaa	gagtcttcca aggccagaag gagggggaca accccccaag 240
accatccctg	aagacgagca	tccccctcct ctccctgtta gaaatgttag tgccccgcac 300
tgtgccccaa	gttctaggcc	ccccagaaag ctgtcagagc cggccgcctt ctcccccttc 360
ccagggatgc	tctttgtaaa	tatcggtagg gtgtgggagt gaggggtacc tcccttcccc 420
aaggttccag	aggccctaag	cnggatgggc tgcgtgaacc tcgaggaact ccaggacgag 480
gaggacatgg	gacttgctg	gacagtcagg gtacacttgg gctctctcta nctccccaat 540
tctgctgcc	tctccttcc	nanctgcact ttanccctag aangtggnng acctnanggg 600
gaanggacaa	gggcaaggng	ggccccatga aaaaaaagcc cctcnnttgn ccnacacttg 660
ncttgannnn	ctngcttctt	nctgggtggc ccanangntn ggnnttnnc aacccccact 720
gggatttnt	tgccnttgg	gggnngnact tggccccctt cctnggnttt tttgcennca 780
cnnnggcctt	cnttgggaac	ctttgtcacc ct 812

<210> 4351  
 <211> 938  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(938)  
 <223> n = A,T,C or G

<400> 4351		
ntttctaaaa	tggccctggg	nccccctttt ccnaaaatcc cctttgggce tncctttncn 60
aaaaatcgcc	tttgggcnaa	ctccgnatnc ttatntggac angggaatcc catccgantn 120
tccgganatt	tcggggccac	cggaggggaa tttngtggnn ccatggggtc gggttacaat 180
nananagggy	taantnacca	ttgggatggg taaaatnana aagggccaat caccattggg 240
acngttacat	aaaagngnat	cgctgnggca agccaccaaa caattcccat nanggaaatt 300
ttnnagaact	tttannggaa	tntggcncaa attnttcaag ggcccnttta nttctcagan 360
caccccggn	cttnttggat	naatganggc tggcggnngn ntggagnaaa anngacccan 420
nttaaatngg	gnnaccnnna	tgaaagggtt ggcnennгаа tgaacccccg taccctnaag 480
gccgttantc	cnaantngan	acntaaaact nnacnaaaac cattgtctgg gnccaaactaa 540
tggcggaccn	ttggccaacc	taanntttta acngnncatn ggaccnaanc atnnaaancc 600
nggaacagnc	ggaaaaanag	gncgtganac tnngataatg ncatcnggaa cnnctgaccc 660
tggnnttccc	tatgangggc	aaaaaaaagg cctccnaagg gtnggacccn tttnattnnc 720
cccnttncca	nccaacgcnt	tcattncccc tcncaggggg nntcaaanan ggccntcncc 780
ncntgnaaaa	cgacngtccc	ctggggcctt ttccaataan atnnnccccc tttnttnacc 840
ccnnnnntaaa	aanccgnggg	ngaanaaaaag tccccnnaaa aaatattccc cccnnnnncn 900

<210> 4352  
<211> 938  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(938)  
<223> n = A,T,C or G

<400> 4352  
ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttncn 60  
aaaaatcgcc tttgggcnac ctccgnatnc ttatntggac angggaatcc catccgantn 120  
tccgganatt tccggggccac cggaggggaa tttngtggna ccatgggggc gggttacaat 180  
nananagggg taantnacca ttgggatggg taaaatnana aagggccaat caccattggg 240  
acngttacat aaaagngnat cgctgnggca agccaccaa caattcccat nanggaaatt 300  
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan 360  
caccctggnc cttnttggat naatganggc tggcggnngn ntggagnaaa anngacccan 420  
nttaaatngg gnnaccnnaa tgaaagggtt ggcnncngaa tgaaccccg taccctnaag 480  
gccgttantic cnaantngan acntaaaact nnacnaaaac cattgtctgg gnccaaactaa 540  
tggcggaacn ttggccaacc taanntttta acngnncatn ggaccnaanc atnnaaancc 600  
nggaacagnc ggaaaaanag gncgtganac tnnngataatg ncatcnggaa cnnctgaccc 660  
tgnnttccc tatgangggc aaaaaaaagg cctccnaagg gtngaccen ttnnattnnc 720  
cccnttncga nccaacgcnt tcattncccc tcncaggggg nntcaaanan ggccntcnc 780  
ncntgnaaaa cgacngtccc ctggggcctt ttccaataan atnncncccc tttntnacc 840  
ccnnntaaa aanccgnggg ngaanaaaag tcccctnaaa aaatattecc cccnnncncn 900  
tgncnaccac ctnaatnctc aaatnaaanc cntttcnc 938

<210> 4353  
<211> 599  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(599)  
<223> n = A,T,C or G

<400> 4353  
gnnnnnnnnn ngnnnnnnnn nnnnnnnnnn nnnnnnnnan nnnnnnnnan nnnngngnnn 60  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncnangtgg aaaaaccgt ncccnnnnc 120  
ngggnacat cnnpgncggg aanccgaagn ggaaggngan tncggggnc cggangaaaa 180  
ncanggtgt tggggggggg gggccgtatc annngaccan ggggngaagc acttnggnan 240  
agggagcaaa gacacantat gtaaaccnag gaggaggaga agaangcaaa nngcatgng 300  
aaatnnagnt tgaagaancg ctttttttgc tnttcagcaa tggatnnat gaacaacaaa 360  
aatatagaaa aagngagaaa aaggcaanna tnaantatnn nctgaggaac aacaacaaag 420  
acaaaaaat ggggggggat tgatttantn tcccctgaca agaaaaagaa tnggatcttt 480  
agggntaat gcaacctggc agactcactg agggngaang gaatgngctg aaaaaattcn 540  
agcctgacnt ggcaagctcc caangggaca ccaccncaat ggagaagaaa gcaggaaag 599

<210> 4354  
<211> 812  
<212> DNA  
<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = A,T,C or G

<400> 4354  
 ttntctaannn ntntctnnna nnnnttgga ncttttnctn nctccannna tncnanntgc 60  
 nttnccggttt gggagtcagg cctgggcagg accctgctga ctctgtggcg gggatctggg 120  
 agccaggctc tccgggcctt tctctggctt ccttggttg cctgggtggg gaaggggagg 180  
 aggggaagaa ggaaagggaa gagtcttcca aggccagaag gagggggaca accccccaag 240  
 accatccctg aagacgagca tccccctcct ctccctgtta gaaatgttag tgccccgcac 300  
 tgtgccccaa gttctaggcc cccagaaaag ctgtcagagc cggccgcctt ctccccctc 360  
 ccagggatgc tctttgtaaa tatcggtatg gtgtgggagt gaggggtacc tcccttcccc 420  
 aagggttccag aggccctaag cnggatgggc tcgctgaacc tcgaggaact ccaggacgag 480  
 gaggacatgg gacttgctg gacagtcagg gttcacttg gctctctcta nctccccaat 540  
 tctgcctgcc tctccttcc nanctgcact ttanccctag aangtggng acctnanggg 600  
 gaanggacaa gggcaaggng ggccccatga aaaaaaagcc cctcnnttgn ccnacacttg 660  
 ncttgannnn ctngcttctt nctgggtggc ccanangntn ggnnttncc aacccccact 720  
 gggatttnt tgcctnttg gggngnact tggccccctt cctnggnttt tttgccnna 780  
 cnngggcctt cnttgggaac ctttgtcacc ct 812

<210> 4355  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(819)  
 <223> n = A,T,C or G

<400> 4355  
 gcttnaatgc ttntctaag cttggctatg cggatccctc gantcgaatt cggcacgagg 60  
 acctatcttg atctggatag taaagtgagg actttaaaaa agtttnttaa attactggga 120  
 gaaatcatgg agcacagatt caagactttt cancatttaa aaaggtggtt ngntttncn 180  
 angcaanttn tnttngcca ncttactatt tancggnc tatgngaaa aaatcaantt 240  
 ttgccccatg antnanttan gnncttaacn ccntcnng gagctcnagg acctgcctgt 300  
 nangaccagg gctgggcctt gccaacccan ggcaatgttg gggccngagg ctgctgtgtc 360  
 tgnccaagct nctntcagag tccaattccc cangcctaca gcgctgtcag cttgcaccct 420  
 ggcattctca cagagctggc ttgnccaccc cantgggggg ctatannctc agagaccact 480  
 tcctcctent ggaatcnacc tcttttctaa taccntctt tggaaaaaag agcttgnccc 540  
 ntntnnang caacactnng aagcttnttg gccntggtgn tgtaataatg gtcttnccat 600  
 tnccgttgaa acnncantgc ccntggtgn tgtntcgtgn cagntgtcgn tgaggnaacc 660  
 ttnggnattg canctttan ggccccagn ntccaaangn atntncantg naancctncc 720  
 ctatacccn cancccnan ttnanntaa attnccnna aaaacccttt naaatatana 780  
 aaaacncana aacttttgng ncctttanaa ctttngcg 819

<210> 4356  
 <211> 913  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(913)  
 <223> n = A,T,C or G

```

<400> 4356
cccngcggnnn nncnncacng nncnccgcn gnancgnncn nngcgcggnn gncnnnnn 60
nccnnnnnnnn nngnnnnnagt gcancnatna gctcccggcg gacncagnnc cagaccnng 120
nggncgaggg cgcgngcnag gnacnnnttg nntttcggtt tgncncnnga gccgagngcc 180
ggggcanggc ggnnagcncc ggnccagngg ntgtgngcnc angngngngc nngcggnccg 240
ggggcgccctg gtcngcgcg gntaccnc ggnnggaggg agattncng ngngcggnccg 300
aggcacantg gggccggagn agnanggtgc gcgncaggg gnaanacngg ctngtncgn 360
gnggccnggc cntctgngcc aaggagnccc nccnccgag ngggcggnna tccnggccn 420
agccgnttac nagcnnaat cnacnnnggn cccagagggc cccgggtccc nacntnggcc 480
cgaccggnng ggncccccgn ggggggaatt tcnnngaggc naanancggt nnggnaaccc 540
gnnccgccccg tcaagagaac cggcncnnac nnccaacagg gccnaagng ggcctagtta 600
aacaaanccc cagccccacc cggcggnang ggcncngnnn gggngttacc ntatccngnc 660
cgnaagcccc gaancggaan ggggccntgg ncaaaaagcn anggggttnn nccccnttg 720
gccnnnangg gccnccng aaactngggg ggggggnggn gnccccaagt atncggggna 780
agccctgnag gggggggann gtaacccttn nnnccctnta angaaacggg gggggncnnn 840
cccccccca aggggggggg nggnttnaag ggcganccca ncnacnctnt gctcgnggaa 900
nnaccccgcg cgg 913

```

<210> 4357

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

```

<400> 4357
tttctaaatg cttggcnact cgntctttct gcaggatccc tcgattcgaa ttcggcacga 60
ggataggcca cattccagta agaactcaat ttgtctccca aatttgaga aacaaaacgt 120
gatttaaaag ctgagctttt tatcagaagc ttttttgatg ttttaagtgt tatgtgactt 180
gttgaacttt ttaaaaagtg ctacttttaa aatcccagat actctgaatt ttagaaaaca 240
aactaattct gattgtgtcg tgcccaagtn cccttttttt ttaatgaata nggaccaatg 300
ccacattgct ttttatattt ctttcttttt taatgtngcc aaaacaaaaa gtagctttgn 360
tttctttgt attttgctac tttgcagtat ttgtgtgtgn ggtntttttt ccttaatttg 420
aaaggacag cactgtgtat gtttataaac taaatgaaga tnagatatta ttttgntaaa 480
cattcatctg agaacaatca angcagtagc ccatggngct ggctnctttg cagcannaaa 540
ccntgnacat tttgatgact gtacaacang gaagaacttt gaaaaaatca cgggtgggatt 600
catattaccc accggnnttt catttcatgg gannctttct tgatcaaaaa aaagctnacb 660
tccgtaant nntnatattt ctttctgtt ntentaanaa aatatngggg tgtttttggg 720
nccanaaat gnaattttt gcnnt 745

```

<210> 4358

<211> 893

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(893)

<223> n = A,T,C or G

```

<400> 4358
nnnaanaaan anngnncana nncannang nnnccnnncn nncannncnn nnnngntnann 60
naccnaaanac annnannnag nantccnnn nnnccgcneg cgnnnnnnnn ncagnnngcn 120
gnagncacnc tctttnaaat cncttgngc agntccatgc angnatacca cgcagcggnna 180

```

ggacaccngg	cgntggggnt	tagtnn	ggncacaggn	ngggncntat	ganaag	240
nacncagcan	cnaccagag	atgggn	ggccganacn	ggntggggng	gatnact	300
gtnccaanaa	agacggagaa	ctggcagcaa	ctgcangngg	cggtggntnn	cnnacnac	360
nnattgcnag	tcatagcggc	tatgtgcana	ttgactggaa	gagagttgaa	aaagangnan	420
ataaagcnaa	aagacagant	aagaaacgag	cgaacaaagc	ancaccngna	ancaaacn	480
taattganga	agcaacagaa	tngatcaagc	agaacatngn	ganatccagn	gggatntgng	540
gggaggctnn	nagctcggac	ntgcatctna	aggacaatga	atattcnccc	anaaacggat	600
ncaaactatg	aanaacagaa	gtgggcagcc	antaaggcag	nntctcaaaa	gncatactcg	660
ccaggantct	ctanggcaag	gagaaacaac	cnnngtggac	aattantcaa	ttccaaactn	720
tanccattat	gccaanctgg	aagcttggca	aaactagnna	tcngctngan	aaaccaacct	780
atatggggca	tgcggaaccc	ngangnantn	ccccnggcaa	aaacgnnggc	tancaancga	840
ntnagcanaa	aanatggcnn	ncngtnmaag	naaacctngc	cctaanaaaa	ccn	893

<210> 4359

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1837)

<223> n = A,T,C or G

<400> 4359

cggttttggg	gnttttttcc	nngnntgggg	ggnaaaaacc	cccccttttt	tttttngggg	60
gggacanaaa	gngancntnc	nctcgngncn	cgngcngnnn	gcngngtgcc	tnanncgtag	120
gcncgnntgt	gtggngntg	gncgtantgt	ncgctncggn	gcngcacaga	tgngcgngng	180
ggggngntnn	ngngagncna	gtangncng	cnagcnnnag	tgntnttttt	tngcnangnc	240
ggncnanggn	gagagntgnc	nnnngngggg	gggnatggna	gcaggngngn	ngcggggggg	300
ngnngngnn	ncgngngcgn	naggaggnng	gnggggctgg	nccgggcgng	gnnccgcgcn	360
cngtnggcc	nnngttnncg	gngtgggggc	nnaggtggnc	gggggcaggg	gngttactgn	420
tttggcgcg	ggngngncca	nngcanggna	ncngagtng	aganngggcg	gcggnaaagg	480
ngtggananc	ngtctngnn	gncggngnnt	tnagacgntn	cnnnnggang	agngtgagcg	540
ngnnggcng	ngagnntgcn	cacgcagngn	nngggagcga	gnngctggng	angtatganc	600
gnggggcgg	ntgnnnggca	nnataggnnt	nagtnggaca	ngcncnggtc	ngaggntnn	660
gtnnatngct	cgntnnmatg	gtgnnngca	nnangtcgag	ggncgcgcgc	tnnaggaagt	720
gtgggggtgt	cnctntntgt	ngggttangg	nngagnnctn	nntnagagct	cgngggnng	780
ccnnnagag	tcgcnncng	aggtggnncn	gacnggccac	gangtnccag	ngngtntggt	840
gnaagcatgt	ngncgtnac	gcacgtacg	cgntnngnng	ttgncgnnac	gcncntnggg	900
gctcgancnt	nanngcgang	gannggggga	agggcngcgg	nccacggtnt	ncnngactgg	960
ngtgngngag	gtctngtgcg	gtggggntag	tgngacntgc	agncnntnct	cagganagng	1020
gngggactgg	tagctnacag	ctnngntatt	nggacggcgn	gcgannggtg	nnantgtgtg	1080
ncgngngnan	ggnggncgan	anantcntcg	cggntcntga	gacggagctn	gngagcggng	1140
gannggngng	agngnggaga	nntcgtgagc	naggagaggg	agcaggcgnt	gnnagcngng	1200
agnggggtgt	cnnnangtac	agtgtgnagg	ncagagnncg	cgantnngga	gtncgcncg	1260
tntcggngnc	tntgacgtgt	ntntcggnt	ngggggtngc	gtcngtgnnn	ncngngtntn	1320
nnnagggcgn	gnacgtgnnt	ntgtggggng	catagtatng	gcgctnnanc	nctgtcgcng	1380
cgagaggtna	gtgngtntgc	nncgcagngt	ggngnagtga	nggcgggtgt	ngtgannngg	1440
ggtgtnnccg	tnagnggcgn	gggacgtgnt	gnganntgcn	ngnnnaagca	cggagcnggn	1500
gnntcgcgcg	gcgagaacng	agattnngan	gnngaggcnc	gngcncncgg	aggtangcgg	1560
tcntngagga	gcnnngggtg	tggtngcgca	ngcgtnttg	ngcgtntgt	gactgggagt	1620
ncgctntngc	gntagagtac	ananggaatg	tnatctntcn	ggnacgggat	gganacnggt	1680
ggnganagct	gcngnctcga	gggacanatg	gcgcgcggtc	ggnagnagtg	ngngnagcgc	1740
ggacgnnggt	ctgagacgcg	nnggtgggg	nnttnganan	gtannngcnc	gngngnggag	1800
nnngntgat	gcnggggagc	gngtatatna	tgngnt			1837

<210> 4360

<211> 842  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(842)  
 <223> n = A,T,C or G

```

<400> 4360
gtnacncccn gcnttttctaa tgcttggcga tcgnactntn tgcaggtatc ccatcgatnn      60
gaatacngca cgaggcgagt caaantgtnt ntgnnagcng anctcctnnc gggaccngng      120
ngcngngntg ncnntgatgc naggggtggc atgtnnnnca ncaangccnt ttttgntggc      180
cncncctttg ntgaangang gatgtggaag aatgagcttg atncttgtna nntgccnaat      240
nngatggcca anngattgta tagacnctcc catatgggtga canaccagc ntcancttaa      300
ntgaatgtac tcannnnncn ngncnctcn nnntcnagnc nccttncttn gnactntann      360
nntctntatn tttatganta cccntantgt ggtgcnnnct tgagggggan acanaccta      420
tgntcatncc cngnnancta cttttggnc nccagatccc catgnttttt tccatgcnc      480
gncaacttgn atctnttaaa tacatagggg gtgnacngn gtataantac naactcttct      540
nggggtgntgn nganaantnt gnccangcct gatntcanc tcangtggtt agttaaaacn      600
attnnnnata cacctttttt tnaccnttt attggggctn aaaaaaaant tncgtcccgn      660
tttggaann tngnttggn cctttttnt ngnancaatc ccngaacct ngntaaataa      720
ntanccctcn tttgaanata ntggannnng cnccttncc ntcgtttttg gtcgcnngga      780
anaaaaaaag gnctcntttt tcntngggat tntntttggg ggctcntngg cctttntttt      840
nn
  
```

<210> 4361  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

```

<400> 4361
ggnttnnnnc nnnnnntttt nnnagagccg gnnnnnnngn nnttnanaat agncaggcta      60
cttggtcttt ttgcaggatc ccatcgattc gaaacaacgg agttctcttt tctgaatctg      120
caaaaaaggg tactcacttt gtccagttat gctgccaaag aaatatctct ctgctgttcc      180
ttcaaaacat tactggattt atggttggtg gagagtatga agctgaagga attgccaagg      240
atggtgccaa gatggtggcc gctgtggcct gtgccaagt gcctaagata accctcatca      300
ttgggggctc ctatggagcc ggaaactatg ggatgtgtgg cagagcgtat agcccaagat      360
ttctctacat ttggccaaat gctcgtatct cagtgatggg aggagagcag gcagccaatg      420
tggtggccac gataacaaag gaccaaagag cccgggaagg aaagcagttc tccagtgtctg      480
atgaagcggc tttaaaagag cccatcatta agaagtttga agaggaagga aacccttact      540
attccagcgc aagggtatgg gatgatggga tcattgatcc agcagacacc agactggtct      600
tgggtctcaa ttttagtgca gccctnaacg caccaataga gaagactgac ttcggnatct      660
tcaggatgta actgggaata aaggatgttt ctgttggaac tgtactgaaa attaacacat      720
gtngtancct taaaatttta gactttctcg acatgaggct ggtacn      766
  
```

<210> 4362  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

```

<400> 4362
tttgaancct ttgaaaccct tttgcatttg aaacctttgc aannccgctt tttgcnggac      60
cccatcgntt cgaattcngc ncnanggcaa ctttnnggaa ttcntacngt tgangactgc      120
canatgaana cctactttca actncttttt cccccctcta gaagaatnaa atcgnatcct      180
ttacttacct ctggcnaaan aaagaaaaat gaaaanagtt catttattca tncgtattct      240
atntancaaa actgantgnc aaaagtgcct tngtccaca cacacaaant ctgcatgtnt      300
tggttggtgg ntctgtcccc tnaagaacaa gctacacatc atggntacan tataaattct      360
cgatctacct taangatgag gactccntnn agaancattt gctattgatt aatacactgc      420
ttnggcnnge nagttnanca tncntgcagn ntgtctanag accacanang ggccttttgt      480
ttaanganga atgatgntta nactnttttn aaaacctata aaatgggncc ntttnnactt      540
tggttnacant naaangcata agtnggncnc tggncantac cnantatnaa aatgtctanc      600
ttnggnaagc ctcattgaaan gngggagngn tagaccgtaa tactggccca aaggngngag      660
actttaactt ctgtgcacnn cctgggncan accacctgcn nctgcctnta tgggttnacg      720
agctnntaga cagaagaaca gtttgc      746
  
```

<210> 4363  
 <211> 900  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(900)  
 <223> n = A,T,C or G

```

<400> 4363
tcttactttc tttttngaaa ccctttttacg caaggatccc atccgatttc gaattccggc      60
acgagcagag nagccctttc ccagnaaagc ctggacaccc gtgtctttat ttngnnagcn      120
cgtgctagtt gcttttaact ggccgacagg tggctgggtat ttagcccttg aattataagg      180
aaagatagga cagaataaca agcaaaaggg gtccgatggg ctcaccactc aacgctaggc      240
gaaggtctca ccgttcggcg ataggcgata gtctcaccgc tcggcaattg tctcaccact      300
tggtgataag tgaangtccc ttcgtggtca ccaaaatgtg tncagaattg gtgggttctt      360
ggtctcactg acttcaacaa tgaanccacn gacactcgna gtgagtgtta cagttcttaa      420
aggcagcntg ttccggnagt ttngttcctt cctgattggt ccatatgttg tttcannaan      480
ttccttctct tctngntnng gttccctnng tcttcgccnt gggetncaag ganatggaaa      540
nccgtcaaaa cccttttcncc ggtnaaaactg ntttaccagc ctcttttaaaa tttaggnccn      600
ccatttttgg ngangtttng ntttccnttt cccttcccn attnngnggc ttcnctnng      660
gccttctct tnggccntt ccanggtaat tnaaaaacct tnnnncagan ccttttcnnc      720
acttgcnanc ttgttttnac aaaccttaat tnaaaaggcc ccttggctng aaccccccaa      780
nnaagtggaa nccnnttnnc ccaaanaatt taatttngcn aaannaacca atanntaacc      840
canaccnttn tcaccantnt gttttcnaaa ggggtanccc ctaatccnnn atttgcncnt      900
  
```

<210> 4364  
 <211> 1565  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1565)  
 <223> n = A,T,C or G

<400> 4364

ttttnggnnt	annnganncg	annannc	tcaacnnggg	gggnaaaaac	ccacgg	60
nnagggccag	gggnaancc	acnnggg	aaaacccggg	aaaannnacg	gnaacgg	120
tagggggngg	gngggggccc	cgggncnctg	gggggggggc	agaancaaan	ncaagcanac	180
ngggtttttt	ttttttttna	naanngggnc	cncnacaggg	gcgngggaaa	ngccacacgn	240
gggggggggn	ggggnagtnt	gtggtctgaa	aaaaggncnn	nggggggggg	ggctactnaa	300
aagccangag	cnacangann	cnagnnaacn	cgganacang	ggnacanngc	nnnanaggaa	360
nccnncnnnn	gagaaggccg	gnanngccnc	gagngnagnc	gcncnacgag	nnccaccngc	420
nccaaaacan	cnnncnacca	nnangnngnc	nnnaaanaan	angaangcgc	aaacanacnn	480
acgcaacgcn	anananaann	aaagnnngnc	ngaancgnnc	nnncnnaacn	ncnnacacna	540
ncgggnaaga	nnganggnng	nnacnaaca	acnagngcan	gngaganaan	ncagcannga	600
gnnnnagcng	acncagnacc	ncacnacaaa	gncanagggg	nccnacannc	nanaaaanna	660
nacgnaagnc	ncanacacnc	aagancnatn	gaaaaacacn	nccccaanna	ncaacaanna	720
ggatacccac	aagcaganna	caccannchn	nngccnacnn	anacgccccag	nanngnacaa	780
tagacacnac	nagcgnnanc	anaganaach	cncnngctna	gnncgaanaa	nnannagnnc	840
aagacgggacg	ngaaancgac	acaangnnnt	ncacacaaaa	ncncaagnag	actagaggan	900
ncgancaacng	atacagacaa	cacacagnac	gcnnnggcacg	agacaannna	agnnnngnaa	960
gacgcganac	annagacagna	nnncgcncan	cganganntna	cgngacacna	canagnngna	1020
cacatngaag	cgacnncaga	cngagngcnn	aagnananga	agcgncagaa	nnngcanana	1080
nanagacana	acagaggagn	gagngnacca	gcanacacaa	gnnaaanaga	gcannnacn	1140
aaccnacacg	tnnacacccg	gggcanagng	agntnnacnc	nngaggncac	gcgacanaga	1200
gnaggnacac	acacngacaa	nanancgaca	cagacnggac	cnnagacang	agagngcacg	1260
acaaanacnc	gnncngcagn	gacnncccag	nacancgcga	acacgacggn	gacnngagaa	1320
anagaananc	aagacanang	ncnaananac	aacaganaag	ngnagacnca	nacananaga	1380
ntngngacan	atccgacaga	gacacganac	cncaanacng	acgcgngann	agnnanngag	1440
aagnnnnccn	gcgccgacnn	nanannngna	caantcgnaa	cgangagagc	gccggangag	1500
angagcacac	acaacancac	ntnnnacnac	agcgangaag	aganacngga	gncnagagac	1560
agaat						1565

<210> 4365  
 <211> 1052  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1052)  
 <223> n = A,T,C or G

<400> 4365						60
tncgtgttgt	cccttgnaaa	tccnnaaant	nncttgccat	cgnannntng	cgacncggag	120
gcaccgactt	cangcnnggn	naacnncnngn	ngangacnnt	ganngttttt	gacagcnnac	180
ngnganctng	ancacgtngg	ggnggcngna	gaaatgcaen	cncgcncnca	gnacgctnan	240
gnngntacnn	nacttgangn	anaagnnnaa	nnnaccgccc	naacagaaaa	cgnnnnggtc	300
ngacgccant	ncaggcnngn	anananactg	anganagana	nanncnnggg	acgntcnnnn	360
cangaanagn	nnnnggacat	gannacnnna	gnanaggcng	nnnannnnna	canaancngg	420
nnnanacnna	tnngcannna	gcnanngcnc	acctntnaca	cnaagnnaga	nnaaccgcgc	480
gngantngac	ccanancaat	nanncnnnnn	gcttcactcn	nagngcanac	ntgnntaaga	540
cggnagcanc	ccnncnatcn	cgacaggccg	nnncagagag	gnatctctna	cgacacctag	600
cgcatacnta	nnacnancac	aggncggagc	agaagatcnc	tnannancna	nnntnatcnc	660
ncnnanaaca	tgccgntntn	nacccctnnn	gtcantntga	cacannanag	tacgataaat	720
gntccagacc	gatagagcna	nctctcncac	gntnngnngg	cnngngtaga	cnccaaagcn	780
acngnancgc	atntacgnnn	agnnngcntn	actncaannn	ngctnacncc	gtacgacagc	840
accantnnan	tgngtcgnnn	acaacngnng	nttggannnn	tnngnaannng	annncntat	900
gtnnnnncgc	cntcnnggaa	ntcgaaagct	ggncntngcn	nncgnnnggn	ncnanccnaa	960
nnannacnnn	gtanancngg	ncgaannnat	annagnattn	ancnttcncg	nctanctnca	1020
cgntnngntg	cnacaccagn	ggntntnncn	ngatnaanc	nantgangag	tccgccgnan	1080
nnnnncnnnn	nnnagcncnn	nancccnnnn	cc			1140

<210> 4366  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

```

<400> 4366
gntctctatt nnaatcgctt ggctactcgt tctttctgca ggatcccatc gattcgaatt      60
cggcacgaga gtgtatccag atctaagtaa tctcagttaa ctatacattg cctaaaaagt      120
ggttttgttaa tgatttgtag tcacatttct attgggatat gtagaagaaa aggcaaatg      180
cttaaagtgc cttttatttt ttaaaagcag ctagatagac acagacttgc cacctcatalc      240
atctgctcct tggcaacatc aaggggaacg actagccaac atgcctatgg ctaaaaactt      300
tcctttgcag actaaagcac tgcttggtgc ttcgtttttc tacccttcac aacatgtgtg      360
atttcatcta agagatatat acatgtacac atgccctttg tttccacctg gatacaagat      420
cactcatagc taattaggac cattgttttt tgttcatctg tcttggtgca tgaagggaca      480
ttagacccat ttccattaaa ataagttcct ggtgataaac tgtggcactg ctacttcttt      540
ttaaaccac tttatgattt caagatggac acttgtaaga tgactcgaca taaggccatt      600
gcctggaagc cccagagctt tcctctgttt gtatggcccg ttcatgtccc aggcatgca      660
acacaaactc aagatttcac cacaacatga caagcatttt cctactgata ttag          714
  
```

<210> 4367  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

```

<400> 4367
gcctcacgct nntgtacttt ngttgctgtg ttgctgtgct gtgtgccnct nngatntgac      60
nactacacnn nncnaagggtg cccngcctcc tncnngatng tngnaagnat acttgacata      120
tgagnggca ttngnctcng ccnangtgaa anngattgga ntnatncnaa tgcgggggtg      180
gaaaanacnt gnnggggna tatactgtga cngtccgcca cataaatcgg tngccatatg      240
aactatngaa ggctggttaa ngacntannc tggctacnan atngctgatg tanatgnncn      300
anntgngnna catanatctg gntgtcaacg natatnnnaa tntcnnggna cngngaactn      360
atnctggngt gcncacagag ctctcnngat ttacttatca ctatnanata tgggggtantg      420
cggaactcta ngcanntant gcttcacntn atnttgnaaa ancatatggc atnntcantt      480
tgcttgtaaa gcacttcatt cttaactgct cctnaggann ggtnttcnc ncaanggnat      540
ntnaaaaanc agntttgntt ccttngntgg cgnaccnant nnttgngann tcttccccag      600
ngnannanaa ggttacttna ggttccannc ctctntntaa nntttataa tgaatnnncn      660
ctnaaanaaa annnaanntn nctnt
  
```

<210> 4368  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(720)  
 <223> n = A,T,C or G

```

<400> 4368
tcctttttcan ttcactnnct ttttcttt ttgcaggatc ccatcgattc gggggaact 60
ggctcaggct ggattactct tgctgctgtc ttgctgtntc gtatgccact gggatctgaa 120
cactaaacat tgctaagaaa cccaccacc accaggatat ttggaagtaa cttcacatat 180
ggaaaagtta aagactcagt ctctgagaaa acaattggac tgatgcgaat gcagttttgg 240
aaaaaaactg tggaagatat atactgtgac aatccaccac atcagcctgt ggccattgaa 300
ctatggaagg ctgttaaaaag acataatctg actaaaagat ggcttatgaa aatcgctgat 360
gaaagagaaa aaaatctgga tgacaaagca tategtaata tcaaggaact ggaaaattat 420
gctgaaaaca cacagagctc tcttctttac ttaacactag aaatattggg tataaaggat 480
cttcatgcag atcatgctgc aagtcattat ggaaaagcac aaggcattgt cacttgcttg 540
agagcncac catatcatgg ggagcnagaa gaaaagggtg tccttcccat ggatatttgt 600
atgctgcatg gtgtttcaca agangacttt ttaccggagg aaccaagntn aaaatgtgag 660
agatgtaatt atatgacatt gccagtcaaa gccacttgc cctaaagcat gctagncctt 720

```

```

<210> 4369
<211> 808
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

```

```

<400> 4369
ttantnecat cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgaggt 60
tttnnttttt tttttttttt ttttttttn ggggtacggn agcactttta tttttcctta 120
cacaatgacg tgttgctggg gcctaattgt ctcacataac agtagaaaac caaaatttgt 180
tgtcatntnt tcaaagaatc gagaattgng tacaaaaaaa accttacata aattaagaat 240
gaatacatTT acaggcgtaa atgcaaaccg cttccaactn aaagcaagta acagcccacg 300
gtgtnttggc caaagacatn agctaanaaa ggaaactggg tctacggn tggactttnc 360
aaccctgaca gacccgcaag acaaaacaac tggttcttgc cagcctctaa agaaatccca 420
gaacactcag cctgacacg ttaataccct gcacagatca naggtggtg gccacagac 480
tcaccaagcc acagacttgt ntttcacaag cacgttntta ccttagccac gaagtgccaa 540
gccacacgtt cttaaaggtg aactcaaaga tatgtacagg gtnttaaaca aatccaaggg 600
gaacagttaa cttcaataca aggncaaaat cagcacaagg tntacaatnc agngctgatt 660
taaatacaag ctttaanggc aatttntttt tgaangnttt ttccatttcg ngaggntngc 720
catgangngg gtgcattttg ncnnggggca aatttntntt ttcaattaan ccatgccaga 780
aaangctccn catttgntgg gtccgttn 808

```

```

<210> 4370
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 4370
ggnttttaag atcagctact tgttcttttt gcaggatccc atcgattcgc cagtccatgg 60
gcaattggca gatcaagcgc cagaatggag atgatccctt gctgacttac cggttcccac 120
caaagttcac cctgaaggct gggcangtgg tgacgatctg ggctgnagga gctggggcca 180
cccacagccc ccctaccgac ctggtgtgga aggcacagaa cacctgnggc tgcgggaaca 240
gcctgcgtac ggctctcatc aactccactg gggaagaagt ggccatgcgc aagctggtgc 300
gctcagtgc tgtnngntgag gacgacgagg atgaggatgg agatgacctg ctccatcacc 360

```



accacggctc	ccactgcagc	acgggggg	accccgcgtga	gtacaacctg	cgcgca	420
ccgtgctgtg	cgggacctgc	gagncgtg	ccgacaaggc	atctgccagc	ggcaggag	480
cccaagggtg	gcggaacctc	ctcctctggc	tcttctgcct	tcagtgtcac	ggtcacttcg	540
canctaccgc	antgtggggg	gcanatgggg	gtngcagctn	cgggacaatc	tggttaccgc	600
tctactctg	gcaactccag	cccngaacct	aacccccana	actgcagcat	catgttaatc	660
tgggacctgn	caggcagggg	tgggggtgan	ncannanann	tnnnangnaa	atttnncttt	720
taaant						726

<210> 4371  
 <211> 767  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

<400> 4371						60
tgggggtttt	atanncagct	cttggctttt	gcngttnnag	aganngetac	tnngnctnna	120
gncgagctct	acatncanaa	ctnatcaatg	ctgatgtggc	taaataccta	gcctttttaca	180
tgntgcctcc	ttccaggctc	acatcatttt	atttcttttt	tctttgtctg	gtgggtttttt	240
ntttttgagg	caggagaatt	gcttgaacct	aagaggcgga	ggttgtgggtg	agccgagatt	300
gnaccttngt	actccagcct	gggcaacgag	caaaaaactc	tgtctcaaaa	aaanaaactt	360
gcacntgatn	aaaaanggtg	ttcatgacnn	agcatgcnc	ttnnctggcg	gacatttccn	420
gaancagacc	ctgttantcc	ttnnacttac	ctgctgggatt	tttnaagcgc	taaattttata	480
acttntttga	aacaannact	ngtgaatttn	tnccatttgg	gggcaaactn	tattcntgtg	540
ancattattn	aatcttggnt	gtnaatntat	tganancccc	ttaatanttg	caatgggtca	600
aganaagctg	ccacggngtn	atnatectct	ttanattggg	cntccantat	tantgatgca	660
ntcatgactt	ntggtttnac	ntgtntggga	tggggccaat	aaatgnatnc	ttcaagcnnng	720
ncaaaaaaaaa	ncccnngatt	ttgattcnaa	nngggnaent	ggmngtttnc	tgactttttac	767
cntaaattac	cttngtntgg	ntcttcattt	aaaaanaaaa	cgcntnt		

<210> 4372  
 <211> 830  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(830)  
 <223> n = A,T,C or G

<400> 4372						60
gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	ganccentcg	120
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgttn	gngtccctgn	180
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	240
tttcttttta	taatttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	300
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	360
ctgggtctcaa	gtgatcctcc	tgccttggcc	tcccaaagtg	ctggtattac	aggtgtgagt	420
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	480
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaacc	atgaaggcct	540
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	600
ggnnccggaca	atactcctng	nantnaacta	tngttaaccct	ttncntngac	tngaattaac	660
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	720
tanaccntaa	tagncaantc	ntnttaannc	ccnaatcnn	ttagnccntn	ccaatttggc	780
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	

tnaaacccct ngcctttaaa tnaacctt tnacacgaan gggggaaann

830

<210> 4373  
<211> 733  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(733)  
<223> n = A,T,C or G

<400> 4373  
gtnttttcaa anntnaggct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60  
cgagggtctcg agtttttttt tttttttttt ttggaggag ataaaccaat tttatgtcta 120  
tcatgttata caaaaatcta gaaataatag atttgtacag aaaaaaatga taataaatga 180  
gaacacaaaa catataatth aaatttggtta ttttttcccc catgatatta ggatgataat 240  
catttcaaag cacatgtcta gcttcagagt aggatttggt cactggccaa agcctgccat 300  
gaaactatgg ctttcagcat ctgtctgctc tactggctct tgacaaaact cttgaggnt 360  
tcaagaaaag taatgtactc ctgggtgctc agggctgtgc tgagctccac cagctcatct 420  
gcaaaagtgt tgtccacccc tcggtcggca aggaaatcca ttangtggtc atataaggcc 480  
cagtccaagg aatctgtggt gagtgataaa ttagtatact tccattcaga ctgccagt 540  
gactgaaagc taacttcctt gatagagaag atgtcctctc agcctcgctt cttgtccacc 600  
tcctcctctg gataatgacc gtccacacaa gggccctttt gccatcatca ttctttataa 660  
cttcaccccc gaaatttggg aagttgatgt cagttcaggc tctgtnnctt caaccttctg 720  
gccttgncga ngg 733

<210> 4374  
<211> 779  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(779)  
<223> n = A,T,C or G

<400> 4374  
tcacagtttt ttntccccg aancgttnga aaattcctgc aggatcccat cgattcgggtg 60  
gaactggctc aggtctggatt actcttgctg ctgtcttgct gttctgnatg ccactgggat 120  
ctgaacacta aacattgcta agaaaccac ccaccaccag gatntttgga agtaactgca 180  
catatggaaa agtaaaagac tcantctctg agaaaacaat aggactgatg cgaatgcagn 240  
natggaaaana aactgtgnaa gatataact gtgacaatcc accacatcag cctgaggcca 300  
tngcactatg gaaggctgnt aaaagacata atctgactaa aacgatggct ttntgaaaat 360  
cgctcnatta aanggaanaa ananantctn ggatgacaaa ancatacgt aattatcaan 420  
ggaactggaa aanttatgct gaaaacacac agancntct tctttactta acactagaaa 480  
tatanggtat aaaggatctt catgcanatc atgctgcaag ccatattgca aaagnacaag 540  
gcntgtcac ttgcttggan agcaacncca tattcatgng nagncanaat taaaggggct 600  
ncnttctna tggaatatc cgtatgctcc nattggggct tncncaatga angacntttt 660  
tntncnggat gnaaccanc tatnnnaann tggntacaa cannntatat nnttttnaac 720  
ntttnnccn nccanancn acncttggc cncctctaaa agnantgctt ctngtcccg 779

<210> 4375  
<211> 1165  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1165)  
 <223> n = A,T,C or G

<400> 4375  
 annaaancac acnnnccaca ncaanaaana canncanana nncnannaaa cacaanacna 60  
 accnncnncnn cncncnacaa acnnncacan ncnncancnc ncncaannng cgngcttcaa 120  
 cnnatggnaa gccctnggcn acacgnanna acagcncgna ancnaacgna cgcncnann 180  
 cngannnaan acacccanan nacacgagag agnnancnaa cacnannana cnnacccgcn 240  
 ccnanaaanc nggnccnnga cgangccgac gnacacancc acaaaacncg acaacccna 300  
 acaaaangca aaacgcgnaa agancnang acnannaaaa agncgccang anancaacna 360  
 gnacacacgg acnaaccngn accngcanac ancnnnccac aaaccncgag agcnaccccn 420  
 acgcagcanc ncnncgcaa anngnnannc nacacnccna gcccagann angaaccag 480  
 canccnnaan cannnngcnc nacgaacaac aacnnanana nnaaccccca gacnacaca 540  
 accagnnncc nacgnganac gncnacccnc accncacngg aacaananaa ccaggccnnc 600  
 aanagcgnaa acaacccaaa aagnaccccc ccncanacan caacagnana cacacacccn 660  
 cncgggacaa ncanacncac nnaggaaaac cccaannngn gncaaatnan anccccaca 720  
 acacagcacc aaaangccaa ncncaaaac aaggcgnaac nacnncagcc gcgacgacac 780  
 aaacaccacn naancnnaan cannnnncag ggncaaacan ngcaaaanng nnggcgacac 840  
 actanancng ngacacccca ananaatnag ccccanngan cgacacanna acagcgagcc 900  
 gaanccggna aanaaacgna aaaaccnggc ncaccnacca ggcacnacn caacaccacn 960  
 gcaaaaaacc ancncccnaa tcnaaacacc ccaagaanng ncacacacng nncacaaang 1020  
 naccncnna anaaggcca anngcccan gaacccccca cancnnnncc ncangaanaa 1080  
 naggncnna cncangccn acnncaanga cacacnacc caagaannca ccacagcnag 1140  
 anaancancc cccancann gaanc 1165

<210> 4376  
 <211> 725  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(725)  
 <223> n = A,T,C or G

<400> 4376  
 tttnacactt tngcnacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60  
 gttttttttt tttttttttc acgcttaatt cactttattt ttcttgtata aaaaccctat 120  
 gttgtagcca cagctggagc ctgagtccgc tgcacggaga ctctggtgtg ggtcttgacg 180  
 aggtggtcag tgaactcctg ataggagac ttggtgaata cagtctcctt ccagaggtcg 240  
 ggggtcaggt agctgtaggt cttagaaatg gcatcaaagg tggccttggc gaagttgccc 300  
 aggttgccan tgcagccccg ggctgaggtg tancagtcac ngataccagc catcatgagc 360  
 agcttcttag gcacaggtgc ggagacgatg ccagtgcccc tgggtgcagg gatgaggcgt 420  
 accagcacan agccgcagcg gcctgtcacc ttgcaaggga cagtgtgggg nttgccgatc 480  
 ttgttcccc agtagcctct gcgcacgggg acgatggaga gcttggccag gatgatggcc 540  
 ccacngatgg cgggtgncac ctcttgggag ccacttaaca cccanaccga cttnggccaa 600  
 aanggcctta aaccggtaaa aaggccnctt tnnttgccgt ttttnccnat aggnntctntg 660  
 ccccntgna cangctttta caaaaaatct gnnntttatt tanaaggtgg gnnnaaccccc 720  
 ccnng 725

<210> 4377  
 <211> 725  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(725)  
 <223> n = A,T,C or G

<400> 4377  
 tttnacactt tngcnacttg ttcttttttc aggatcccat cgattcgaat tcggcacgag 60  
 gttttttttt tttttttttt acgcttaatt cactttattt ttcttgata aaaaccctat 120  
 gttgtagcca cagctggagc ctgagtcgc tgcacggaga ctctggtgtg ggtcttgacg 180  
 aggtggtcag tgaactcctg atagggagac ttggtgaata cagtctcctt ccagaggtcg 240  
 ggggtcaggt agctgtaggt cttagaaatg gcatcaaagg tggccttggc gaagttgccc 300  
 aggggtggcan tgcagccccg ggctgaggtg tancagtcac ngataccagc catcatgagc 360  
 agcttcttag gcacaggtgc ggagacgatg ccagtgcctt tgggtgcagg gatgagggcg 420  
 accagcacan agccgcagcg gcctgtcacc ttgcaaggga cagtgtgggg nttgccgatc 480  
 ttgttcccc agtagcctct gcgcacgggg acgatggaga gcttgccag gatgatggcc 540  
 ccacngatgg cgggtggnac ctccctggag ccacttaaca cccanaccga cttnggccaa 600  
 aanggcctta aaccggtaaa aaggccnctt tnnttgccgt ttttncnat aggnnttcntg 660  
 ccccntgna cangttttna caaaaaatct gnnntttatt tanaaggtgg gnaaaccctt 720  
 ccnng 725

<210> 4378  
 <211> 1050  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1050)  
 <223> n = A,T,C or G

<400> 4378  
 nngnnncccn nnnnnannna cgnngcgccn acnncggnn gnangcgccc cnncgacccc 60  
 ganangnacn cnnncagngg cntncnncan angacggngg nnnnnncaca nnacnncgg 120  
 nacgnngncn ccgangnnnn gccgnncng cnnncnccgg ngccccnttn gaaacnctng 180  
 ggaaatccga cacnccnctc gngancagcc anaccennac cgnccgggga ngcnnaaanc 240  
 nncacggcan ngngncgngn anacnancnc ggnnncgenn ggncengaca cgnacgncgc 300  
 ccncngncc cngncggcgn cangngaaaag ggngccgngg ccengncggn cnacnncgc 360  
 cagnnanncc ngngcgcng cncngnnccc ngccgcncnc nncgtcncc acnncnccgc 420  
 nnancngcn cggncagntn cgcagagcna ngcccgcgaa gaaaaccgcn ngcgngcg 480  
 cccacngggc acnacgccag cncncnngc ntagnggna nacnnanccg ngcgngng 540  
 ncnncannn gacanangcg caccacggcg gcnaggccna ggacgaanng gcgaccngc 600  
 gagccnanga nnancggna tngccanaac cncaacggcn ncngnnacgc gnnacnggg 660  
 cnaatncaat cgcnnngan gacacancag naggcctgc nncgcnnan ncggnacact 720  
 cacacnncac cngnggccct caagngagcc gccantngcg ngnnncaaag cangcannng 780  
 accatanng naacaggcac aanggcantc gcacnanggc nncgnggann caccennata 840  
 gcnacggggg agcangaacc aagggcggn cccgtcccna nggcnaaagt cggncaggct 900  
 gcacnggncg gncncannaa gacggnacnn nngnnacccg ggagggaccc accgncnc 960  
 acngggggn ncnanggncc ccacagggna cngnnccgcn ncccnnagn cccncanggg 1020  
 naccgnaa gnaaggcct gggggccccg 1050

<210> 4379  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(731)  
 <223> n = A,T,C or G

```

<400> 4379
tntcaatnct nggctctcgt tcttttgcag gatccctcga ttcgaattcg gcacgaggta      60
ttcagcttgg ctggagcaga ggcaggagtg ggggaactggg gacnggtgan actagaggtt      120
ggcngaaacc agccatagta gtttttgcct catttggaca acaaggagcc atccaagaga      180
gagcggtgaa gctgatgggtg acacagccat ggcgcattga aatacccca gtggctgtgt      240
tgtagggat attgggttgg ggagggacaa ggtcaggagg catagactcg acatcatctg      300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaag      360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaa      420
ggtaaggagt aagagaagat tcgagattga ctcccagact ctccagtctg ctggacatgg      480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tggtgagcat      540
ggatagcctg cgntcccaa gagaangagt tccagctgnc ttgtaataag ccaangcnaa      600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn      660
ttanttaann anttcccccc cctanatnnt tccttnggnt ttaaanctng naaacttntn      720
tttacnnttt c                                                                731

```

<210> 4380  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

```

<400> 4380
tntcaatnct nggctctcgt tcttttgcag gatccctcga ttcgaattcg gcacgaggta      60
ttcagcttgg ctggagcaga ggcaggagtg ggggaactggg gacnggtgan actagaggtt      120
ggcngaaacc agccatagta gtttttgcct catttggaca acaaggagcc atccaagaga      180
gagcggtgaa gctgatgggtg acacagccat ggcgcattga aatacccca gtggctgtgt      240
tgtagggat attgggttgg ggagggacaa ggtcaggagg catagactcg acatcatctg      300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaag      360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaa      420
ggtaaggagt aagagaagat tcgagattga ctcccagact ctccagtctg ctggacatgg      480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tggtgagcat      540
ggatagcctg cgntcccaa gagaangagt tccagctgnc ttgtaataag ccaangcnaa      600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn      660
ttanttaann anttcccccc cctanatnnt tccttnggnt ttaaanctng naaacttntn      720
tttacnnttt c                                                                731

```

<210> 4381  
 <211> 890  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(890)  
 <223> n = A,T,C or G

```

<400> 4381
cnttcttnan nnnatnttcg aagnnnnnnn nnnctntna gttnnnnnnn ntcngttct      60
aatgcttggc tancnnggcg ctcnacnccn ctttcaaacc nagctctnng tcttttgcag      120
gncccatcgn tcgaatcggc acgaggctgn ttcctcaaga aaatgaagag ggnaggatgg      180

```

ctcagggaaa	gttnatcaga	gaaatgt	cactctgtaa	agagtaaaaa	aggatg	240
atgatncnga	tctgggaaaa	gcatag	tgaagaccac	ttaaaaacaa	ataaac	300
ctatgaaggt	gcatgctatt	tccccanagc	taaaaagata	agtgaattg	tgttttgaac	360
tcttaagtgg	aggtgaagca	caatttatta	gccaccaacc	acataagtga	ttatgaagta	420
actgagaaac	aggtnacatt	ttttcccaca	tggaacaaac	tttctctttc	tagaatatta	480
agtatctatg	atnagaaatg	aagtagcatc	tcaagcagtt	tataaatcta	ccagaatatt	540
agaatcacct	gggacctttg	aacgtactca	tgcccnatng	nctacctnta	ttcatttntt	600
tttttcgtaa	gatattgggg	acttcaactt	cnggncttaa	aangatccnt	cccacctccg	660
gccctcctaa	aagttgt nag	ggattntcaa	ggccntgagc	ccncntgtgg	gcncctgccct	720
tctnatggtc	ntgcttttng	acccaattta	natnnaatca	tcttgngngg	ttggnnccnc	780
tgggcctnta	aagnatnttt	taaaaanttn	tccnaanggg	gncnactnaa	tttcttatcc	840
tatcgatttg	tnnancccnc	nggcctaata	ccttgnnnat	ctctttncct		890

<210> 4382  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 4382						60
gggggtanga	nccctttgan	accnattgct	acttgttctt	tttgcaggat	cccatcgatt	120
cgaattcggc	acgaggaagg	atccagcatt	cggaggcaaa	catgaagctc	catcctctcc	180
aatttcgggg	caaccatgtg	gagatgatca	aatgcttca	ccttcaaac	tctcaaaggg	240
aagagttaat	acagagtatg	gatcgtgtag	atcgagaaat	tgcaaaagta	gaacagcaga	300
tccttaaaact	gaaaaagaaa	caacaacagc	ttgaagaaga	ggcagctaaa	cctcctgagc	360
ctgagaagcc	cgtgtcccct	cctcctgtgg	agcagaaaca	ccgcagtatt	gtccaaatta	420
tttatgatga	gaatcggaag	aaagcagaag	aagctcataa	aatttttgaa	ggtcttggcc	480
aaaagttgaa	ctgccactgt	ataaccagcc	atcagatacc	aaggtgtcca	tgagaacatc	540
aagacaaacc	aggtgatgag	gaaaaaactc	attttatttt	ttaaaagaag	gaaatcatgc	600
cagaaaacaa	agggaaacca	aaaaatctgg	ccaccgttat	tgatcagctc	atgggangca	660
ttgggaagaa	aaaaagtggt	ncagaanttg	aaaaataatc	cttcnggagg	gaaaagctta	720
aaggaaagcc	aaaancaaag	gggaattnct	tttgnaaaag	ccagtttttc	cagaaaantt	780
cggaaaaacc	nanggaggaa	ccagccangg	aaaaagattt	ttcancccga	aatttggggc	789
cannaangg						

<210> 4383  
 <211> 1266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1266)  
 <223> n = A,T,C or G

<400> 4383						60
angntttncn	cccctttttt	tntgaaaaac	ccccctttt	cgnanaactn	ccccngtctn	120
cctgatnntn	gcgangnnnt	acgcccatat	gggatttctg	taattnnngg	cctaccggca	180
gnagangatt	atngntatag	naaaantttg	tggtattgtn	tctcntgtca	tccgnctggc	240
ncannnatct	gtnganaanc	ncnnnnntnt	tggtttacat	nccanntctn	agttnaacgc	300
tgtaaatcnt	ngagatnncg	tgngnacgac	ancngcctct	ntcatggctc	nnatnacttc	360
naccanaana	tagtatangn	ngcnnntttg	agcagncccc	cnatcntncn	acgacnante	420
gctaanangc	ttctacgatt	cnntttttgt	nnnactngtn	cctttannat	ccttnncnnn	

taangccnan	ttgtngnana	cgact	ntgcaaaatn	gntantntt	ctttna	480
taaaatgna	gtgcnaatac	ttcann	nttanmnat	anaaaaagga	agantcn	540
tgtntctncc	cttttcangt	anangnncnc	ctagnnngat	tcnntnngtn	anntattctt	600
atancgcgng	gtagaaaangc	ctactttgtg	ngtannattt	ctcttctatt	natnnngttc	660
ctctgttnta	cntnnntgaa	ncnntttagn	angaaggacn	gnanaaaacan	naccnacngc	720
nnnaggntnt	tnnngcntan	aatanngant	acttctnang	nccnnttcac	tttctnatagn	780
aaccctccgt	ntgtgagncc	tttctanttc	tnatacnaat	actctttnga	tnccgccacan	840
ttntnnntan	ntntnnnnntt	tnntnagtnn	atgttnnncc	agcannttct	cnntnccttt	900
ctnnnacnaa	ntntgnaaan	nngctttctt	nnnnacntag	tngnannnat	caanccctnt	960
ncnctgtgcg	tcntnanata	ttncnnntct	tantcnnncn	ncntanacg	nggcntanat	1020
accnactnan	ntataatatg	ngnncnngtc	gntnatttnc	aggcattctc	tgngntncnt	1080
ntcttatcnc	cntcgtntcg	tgtnccnngct	agnnntanta	ntancgtnan	ncatntcagt	1140
atacnntctn	tcntgtgngn	gcatacncta	nnaatntact	gntnctcacn	ngcntgacnt	1200
acgntangan	tngaanggag	tgcccgnnnn	tgcaaatnta	tctcncgcac	ctntaccnac	1260
tntncn						1266

<210> 4384

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4384

aggggtnnnn	nnnnnnntttt	gaaaggcggt	nnnnnnntt	nnnaatatna	gctacttggt	60
ctttttgcag	gatcccatcg	attcgaattc	nncncgagcn	gggncgnang	nagccatggt	120
gcccagccgn	aatggcatgg	ncttgaancc	ccacttccac	agngnctngc	agcngcncnt	180
ggcnncntgg	ctcaacnagt	cgntcctgga	agaatccgna	nacgtatggg	cnggacaagt	240
cnaggcgcac	cgcatngatt	gacacgccnn	ntgtcgggat	cccatgnggg	tcattttgcn	300
catgncncan	ggttcgntgc	nacacanagg	tgctcagccg	agcnnggatn	tagnctggag	360
gagcttaggg	tgncgggnnt	tcacannann	gtggtcgggn	ccattgncnt	ttgtgtngat	420
nngnagaggc	anatcangnc	cannngnttcn	ctgcatgcca	acgtgcagcg	gntgaaagan	480
tccgattcan	actgatnctc	ttcncncnga	agnnttcngt	ncctanaacg	gagacanttn	540
tgnttaaaga	actgatactt	gtcannncngc	tggaccggan	cgnttatgcn	cttcctggaa	600
cgtntnnnn	aagganaaaa	ctntaattaa	tactttggga	anagaanaat	ttnanagcct	660
tcnatangtt	tcganttggt	ccgtgccaan	nggcccgggt	tttttnacct	nactnmccaa	720
nanganccca	aggggaagccc	ttncacang	gatngtnaaa	agaanaanat	taancncnt	780
ncntg						785

<210> 4385

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4385

nnnnnncann	annnnnnnna	ngnnnnncna	ccannncnnn	cnacnnang	nncccgtcc	60
aaagccggca	annccgcgn	cngcnnnntc	aaacctgca	ngcggcacnn	gngnncnccn	120
acgangcgcc	agcgcgcgng	anacngngct	gccaaagaaan	gngngcncan	agnccggcct	180
ngagaacagn	acagngganc	gtcanaagca	gngggangac	agacgacnga	ngaaacntag	240

agcccagggg	nagcngacg	accagn	tcccaaaggg	ngngcccaa	gacnag	300
ntnnaggaag	aaanacngg	caaccg	gagacanccg	annaggagcn	ganntg	360
gacccanang	gcaagaagca	ccnaaacang	ncacccacca	nacgaccggg	gaaggcacga	420
acggtcngag	cacgagnaaa	acngaacna	ancaacgcgc	acacannng	aganagaaac	480
accncnaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcnaagann	540
cggcanngaa	cccnnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaannga	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacangggcaa	660
aagnaaacgg	gcaaagggca	ancncnaagg	nnaagcccn	naacgcgcan	ngggagcaaa	720
angnnccaag	ngaggancna	aagangggga	aaggggcccc	cnaagngggc	ggnaaanngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	ccnggcncna	840
agggccccga	aaacangggg	ngacaaaaac	ccnngccaaa	accnnanggg	ngggncccat	900
cgngannaca	naaggngaac	cgnccaaggg	ggcanaaaagg	aaaggccatn	nnaangnaaa	960
agagccg						967

<210> 4386

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1118)

<223> n = A,T,C or G

<400> 4386

tnggctttna	atnccttttc	nattccaatg	cttggnnact	ttcaacacga	tcccatcgat	60
tccgaattcc	gggcacgaag	caggagctgt	gatctgcccc	caggatattct	gacccccaaa	120
ctggctctca	acccatgttt	acatggatgg	aaaanggaan	agggtgactg	gtngtatcaa	180
gctcttaaag	ggccttactt	ttgggtggaa	aatggggacc	ctaaaaattt	ganttggctt	240
acttggantt	nccttnctgg	tcaattactg	gaaaaatttg	ggcaccttca	nttaanttta	300
aatncttttt	ggaaactttt	taccattaaa	ccttggnncc	tttaaanntt	anntatttng	360
nccaattgna	ngaaantntt	atctcttnna	ttattcatta	aaaatantnt	tnccnnnagt	420
ctccnatctc	ttttgntaat	aagngncccc	gnatnctcaa	ntntacnata	tgttnnaagtn	480
ntnagtcttn	acanccagat	tntnttnttn	anttataant	tgntnananc	gnttnannta	540
nnntatnngn	naacttcnta	ctggtccaan	gnntgttnnga	atgttcanan	taaactantg	600
nantnttnga	aantacaact	nggtntntanc	aaancntcgg	nannngtggn	canttattcn	660
nnngnanaat	gnnaaatgnn	gnantcgcan	gnttccnang	nntctananc	cnnaaatctc	720
nangcgnann	canttcatnn	ncggttacct	ccnatnagtn	acctcncgna	ngntatatgn	780
agncatgntc	ttntgttagc	aattgaannc	atcnncnat	cnagantcca	natantaatc	840
ttncngntaa	ncncgcttna	nngacgentt	gntatcccnn	tcnggatgtt	atatntacat	900
nnatacannn	tgnttganaa	aatacngtnc	ngntcnnnga	naatctnagc	tggtntctac	960
agnatcntan	cgtgnaatna	ccntanattg	tnccccncg	cgngtggtcc	canantcgcc	1020
nntagagcnt	catntcnngn	nattngacgg	taatnctgat	atnttntctc	acncagattn	1080
cnctaataa	aagngnnnta	ttttagataa	tgacnccg			1118

<210> 4387

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 4387

cgctttttaa	gctncttgtt	ctttttgcag	gateccatcg	attcgaattc	ggcacgagac	60
------------	------------	------------	------------	------------	------------	----



tctggcacag	ccagagtcatt	ctttca	agcagtcatt	catatcagcg	gccatt	120
nctgntttgg	agcactagnn	atagct	gcactatccg	gngcgnntat	agctgc	180
ncgcnnngng	cttgcnttct	tgngggngnt	ttnttgnna	atntcaaaag	tttctaattcc	240
tnatgccnct	ttttgggnaa	anncaagann	aagtcaatcc	tncccttggg	gatccngngt	300
tccccnttca	atcacgattt	gtnggnntc	acncgattta	tntttacnan	gacacaggnt	360
tattgancng	ttangttntt	aacatctngn	aanctnaant	gtngctgnat	gnaatgngcc	420
tnnncanttc	ccatnacntt	tgcccctncn	ngnggngccc	tancgtngtg	ngnntnaatg	480
ccnnan						486

<210> 4388  
 <211> 842  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(842)  
 <223> n = A,T,C or G

<400> 4388						60
tcncccttng	aaatcncctt	ggatnttgct	ttcnaatnnc	tggtcttgn	tctttgngca	120
ngaatccnnc	acgagggann	gctgtengan	antctgtnt	anacggnaan	nccctgaatt	180
nancatcnac	agtgtnttc	ttngaancan	nnntnctaaa	ntcnntcatg	anatggaggt	240
gattaagatg	gcccttgctc	ntggatgnca	nacttnngnc	agaatnnacc	tactntgacc	300
ataggatact	ttntntgtg	ggtgtaaatg	gttctnctnt	actaatcnga	nnnggannat	360
annnatacaa	cnttntangg	gatccntann	canntnggaa	cagcngtnga	tgncnccttt	420
nggaggggtat	tcatntnnc	ntcntgatna	aanntnccn	attntntnn	ctactgancg	480
aacnnntgca	nnaagtgtat	gaanggtgcc	ccctgtncca	atgatnctgc	antgctgnat	540
ncagcctttt	ctgggagcac	cgggtccaagc	gttccggaat	tgattatccc	natcatttnt	600
ganntgtnac	tggaataatnt	nnngctnatg	cantnaaaaa	tgtacttggc	ttgctttttn	660
ncaannngnt	atttncntct	ttgggaagta	ataaaaccga	ttcnaccctg	ngaaaccgtt	720
aacccaaatt	tctgtgtatt	ttaaggntct	tttttccgtg	tntganggtc	ggagtcnttg	780
gnnccnannt	atttttttgg	ggtttttgng	naagaatttc	ctaaaantaa	anntttntnn	840
ctaccattt	ttananata	aantgannta	anaaaaattt	cctgcccttt	tnaaaacttt	842
nt						

<210> 4389  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

<400> 4389						60
nnnnntannn	nntcntnnnn	anntntanng	atnntntntt	cnnnncnnat	nttannattn	120
nnannctcnn	nnnttantat	annagnnnnn	ntatntnna	gantnnnnnn	nnnnnatnan	180
nanatnnnnn	nnnnnnnnnn	nntntttcat	tttngaaacn	cccttaccgt	gccgcnttng	240
ccagtatccc	atcgnnncgc	aacnaccctt	acnnaaaaac	tntaaaaana	ntggctagca	300
acgggttntt	tcatncgggt	gtctcttnat	ntaagttnnc	taagttaaga	aaagctgggtg	360
acatattnat	acgtntttgt	gcaaaaataa	atgaatggca	ntagnaccta	aaaanatctn	420
tattatgtac	ttntgtgtga	aaaagtntgt	ataatanttc	cctnaaatat	gcattatttt	480
acttgtgagt	ttntntctga	attaatctga	aatgtncnaag	ccctggattn	gctacagagt	540
gagaagttat	ngctattngt	ttcttatttg	taatgcttgg	aatgctgca	caaatcacga	600
agctcttacc	atgggttgaa	caaaaaaagg	ggaaatgggg	aggggaaaag	ggtgggatag	

<210> 4390  
 <211> 676  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 4390  
 atncttggt cttggtcttt tgcaggatcc ctcgattcga attcggcacg aggagttttt 60  
 tttttttttt tttttttttt atttttataa aaatgtgttt tattgtttta aaacaagtct 120  
 ataaaagtag aaatcacatn caaaaataca gattactctg acatgttggc aaaatagctt 180  
 atggctggac ttgagtttgg aagttctgta tgtttgaggg catccgatgt cagagtccaa 240  
 ccggatccta accccagctc ttgtcactaa tagtaaagtt tcaggtatta tatcatagca 300  
 ccgactgagt gataggtggt ggaggtagtt gagctggaaa aattcctgaa agcagtcatt 360  
 cttagcatg acactatcac ttaagtctag atggacaaga ttggggcatc ttctaactaa 420  
 agtagagaga tctgatttct ggagattctt tctgtagccc gctaagattc agctggggtg 480  
 atggtctctg acacatgcgc aacagcacct gtcattgctt tcaagtggaa tcaaacacca 540  
 ggagaggtca ctatccagct ggacagttgn tnccaannt gcaggcaatc aggaatccga 600  
 ccccaaagg taatccccta attgagtttt gcanagnttg catggacca aaccgagctt 660  
 cagcttaatn tgactg 676

<210> 4391  
 <211> 946  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(946)  
 <223> n = A,T,C or G

<400> 4391  
 ttctaattgct tggctctcgn ncttctgcag gatccctcgt tcgaattcgg cacgaggntg 60  
 tcacangnnn nntgtntcca caggcaccac tngctangtc tnacctgtgn tgnctgttnc 120  
 aacnccggggc tangnanget ngtattccac ntggataact aanccntggt cataccgncc 180  
 ntgnacgtgg naccngctnc naggagatgc aacnanacat tctaagatgc ttatgatcct 240  
 tacntgtatc tttcntnttg gngattcttt tanattggat gttgcaatgg agntgaatna 300  
 ncttnnnnnc ngctctnntn annnccnntt nnatangnan naactttncn nnnnactaaa 360  
 tngnccactn atactaatgt gcttagatgc atatnttacc ctcttnaagt gntaaaaccc 420  
 tttagaatcc naaggaccag ngtaancgc aacanncttc taggacctat gcgaagctnt 480  
 gacttgancc ttgggggatc cntgngngt tanctngat natgtttcgn ggaccngcnt 540  
 ngacncatnt anagtnttg nncattggna ngncctgtt aaatccccaa ntnggaaanc 600  
 cnnttagggg ttttanangc ttngngaacc ccnnccccgg gntctttgtt gncccccgat 660  
 atnggggggn aaaaccggtt tcaaaaaaag ntcaacttt ggggttnant ttaaaatttt 720  
 nggggnccct tttggangta accctgngna aggtgcatan atattgggcc gggaantttt 780  
 ttnggtgggg ggccancctt nggngggctn ncatttanaa atggcttaaa naaaanttta 840  
 accnccaann antcnnatnn ncnanaaacn ncnttcngn acaanactcc cttinnaaanc 900  
 nncnnntcn aatggtcaaa aantnttcaa ggancngnt tanaan 946

<210> 4392  
 <211> 721  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 4392

caaatcnntg	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggtt	60
ggcttggtgt	ggatgcaggt	tgctctcaag	gaggatctgg	atgccctcaa	ggaaaaattt	120
cgaacaatgg	aatctaata	gaaaagctca	ttccaagaaa	tcccaaact	taatgaagaa	180
ctactcagca	agcaaaaaca	acttgagaag	attgaatctg	gagagatggg	tttgaacaaa	240
gtctggataa	acatcacaga	aatgaataag	cagatttctc	tggtgacttc	tgcaagtgaac	300
cacctcaaag	ccaatgttaa	gtcagctgca	gacttgatta	gcctgcctac	caactgtagag	360
ggacttcaga	agagtgtagc	ttccattggc	aatactttaa	acagcgtcca	tcttgctgtg	420
gaagcactac	agaaaactgt	ggatgaacac	aagaaaacga	tgggaattctg	cagagtata	480
tgaatcanca	cttctttgaa	ggagacttct	gggaagcaac	ccngatcatt	tccgcacctt	540
nagccncatt	tagaactttg	acnattaaaa	cccccagtg	gaaatttgaa	ccagatgggt	600
gatananctg	ccacttttga	aaagacaagt	ctttgggtca	antcnccanc	ngaccngntn	660
ccgtaaaaat	ccaaagcttt	nnggaaagaa	gaattnttnn	aaattcttag	ggnttccaac	720
c						721

<210> 4393

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1102)

<223> n = A,T,C or G

<400> 4393

gggggggngn	nngggggng	nnggnncng	gggngcngga	gggggnnnnn	gggcaggngg	60
agggtnaanc	cggttnngnc	nnngnncnc	ctagngaacc	cttggaann	cccgnagcag	120
gnccaacgaa	gcgaaggcgg	cacgagaagn	ggaccaacgg	gccancnggc	nnggttnntg	180
gggccaaagc	gggggannc	cncnngcng	gggggggnaa	ggaggggcgn	nccngggggg	240
nagggnaaaa	aaancncng	agngggnaaa	ggganngggg	ggannggggg	ncgnggggaa	300
cnnagaggaa	ganaaggggg	gcgggcnana	nggggngnan	aggggnnagg	gggggnncng	360
nnegcncggg	anngannnnn	ngaggagacg	cccngggggg	naggggaaag	cagaaggggg	420
nngcngnnca	ngggggganc	angggggnga	cncgcggang	ggccnggagg	gggcgnaaaa	480
cngnggggcc	ccngggnggn	ccngggggag	nngagancgg	aagngganan	nncagnaagg	540
aggngngnnc	gngngggggg	ggnnnaaagn	ncaggagacc	cngnnngnna	ggnggccnng	600
ggggccnggg	gganagggcc	gacnagnggg	gggncangng	nngggggng	gnngcgnnnn	660
gngcaggngg	cgangcangg	gnngacggng	ggaggcacgn	gggngnangg	ggggcgaggg	720
ngnggngggg	ngncgcgagg	nganngggg	ggggggngaa	gggngncggg	ggnancnggg	780
gggngngggg	nagggngggg	ngcgnngggg	cggcggcngag	gnnggnngnn	ggggagggga	840
ggannggggc	gggagnggnn	ccgnnnggcg	ganngnngan	gngcgggang	gnngcgaggg	900
cngngggggg	cgcgggnggn	ngnggganng	ggngagnggg	gcgnnggggc	ggancggggg	960
gcnggagang	aggagngnng	ngnnnggggn	ggcgggnggn	gcngagaggg	nggncacana	1020
ancgcggngg	ggngngngcg	gccgggggga	nagngggggg	aggnagnggn	ggangcgcca	1080
gggngggngg	ggagggnggn	cg				1102

<210> 4394

<211> 762

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 4394  
 cnacangnga cnggnnttg nactcgctct ttcccnggca tccctgnaga canagatgnn 60  
 naagggaag angntngaaa accaggntaa aantttttan gagaaaggca gaggatgctc 120  
 aagggaann aganggaat nnagtnacc ncnntnncgg nantggncnn tatgnnnaan 180  
 ncnncgnata annngntctn tntgnngaag acagatccca gccttgatg gcttgatagn 240  
 cgatggatgg aaancgatnn gggncatttt aaanaggcct nnangttaca ttcnnagnat 300  
 atnnntaaga gatagnnat ncaaactntg atgaangtgg tgatgcagga ctgaagcatg 360  
 gtccactaca atgaancttt ntccnntng gncaanggna tggntgatga tcccatcnca 420  
 gaggatgntn ctgnaccaga gngcctccc attntcgctn cnaactgccc taactanccc 480  
 atantgagnt aacatgtccc ttcantttgt tacgtctatn nagacaaatg cttntctttt 540  
 ncttgcttg acccnatctt gncttnccnt tcagntaant nnagaacaca ttnttancnn 600  
 tcnntggcca tannggttct aacttnaaac cattttacct nttaaatttt gtgattatag 660  
 tnngtggnnn tncntaagg naanaagatt gcctttcaac ttttgngagg ggaatttcgn 720  
 gnttgngtaa antnattttg tccaaatctt ttgaattttt an 762

<210> 4395  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

<400> 4395  
 gcncgncgaa nnannacgng nnanngcccg gnngaannan gcncnnngan ncccgaann 60  
 aagangnnnn nnannnnnnnc nnnnnnnnnn nnnnaaacct tgaaanccgc cgnnnngnng 120  
 ncnctcggtat tgcanaana cacaangggg aggaagggnn gncaannccg gttgggggtg 180  
 aaggggaaaa ggacacgaac nnnngntaan ggnagcaaga nttacacggg cganggganc 240  
 cgagccngtc ccctttggag annatcccn anaaaaatn ganagnggnc nggngggng 300  
 nnacaggaca cgaccgcggn naancnngga antggccttn ngccggcaan tccagaacta 360  
 anggggggnc aangcaggga gnnnacaang ncnngngang nggcagnnna gccagagana 420  
 nntgacagaa gagncngggc ngtgcgggca nccngnagaa aannggcan anccaggagg 480  
 cccgnacntg gngnaacca cgnaaccnnc ggaggncaga ggnganagga acacnggggn 540  
 gnnngancag gagggcnnga gggnnacaag gnanagcn 578

<210> 4396  
 <211> 898  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(898)  
 <223> n = A,T,C or G

<400> 4396  
 tnncctttct aatgccttg atagttgctt ncnatngctg gctacttgnt cttntgtagg 60  
 atcccngcn ngatnnttat gactgnccn nttnnggcng atcntttgcn ngnttacnct 120  
 ngtanaccng tngcngcggn cgnngaagn cgtcctggga ancagataa acngctgcnn 180  
 ggctnggagt gnnaccccg tacacantnt ttatttannn ggccanctnc cactgatgaa 240

catatantcn	gagtgaactgc	tatatagcc	tttttgatt	gaacgcccac	ggtncat	300
tangtntcnc	ttntatcatg	ctntac	tgntatgagc	ttcactgaac	gtgaaaa	360
acttgaana	tnnatnggac	atgctgtaan	atnggacata	natttttata	cggaaaactt	420
naagtgcna	cagttgaaag	ccataatggc	atcccataga	gaggctnttt	tgaactttgg	480
gatgctttat	tgntccaaag	aaagatncag	atttacctga	aancttggtg	gtttnggaca	540
cctttntgnt	ttntaagcct	nntgaacaan	tttttaanac	ntttgacntt	tttnaaaaac	600
nttgntctac	cnagnnggtna	cnanngaana	atggccnttc	angggaaatt	tctccngggg	660
tttccccngg	aaaaaanant	tncnnnccag	gggttttttg	aggggattcc	aaagtntttt	720
ntaanancng	gggggtttnc	naaaaaaat	gggggcnnca	atnggntttt	aganggggaa	780
caaaaccnnt	cnaagccct	tttntcnaa	ntntcnnct	ttngtaaaan	gncttccana	840
ttatttcttt	tnnctanggg	ttttcttttt	ttgnaaaana	aaaatanmnc	ttttttnt	898

<210> 4397

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4397

gcttaccctt	ttctatttct	tggtatgctt	tncattgtgc	angatccan	cnntcnaatt	60
cggcacgagc	agagctgtga	tctgccccca	tgtattctga	cccccaaact	ggctctcaac	120
catgttnaca	tgatgaaaag	aagaggtgac	tgttgatca	gctctaaagg	cctcactttt	180
ggtgaaatgg	gacctaaatt	ngatngcnta	cttnatttct	tgngtctnat	actganntng	240
gcactttata	atttnaatac	tattgaactt	tcaccatanc	cctgtcctat	aaagttgact	300
tgcaaatgan	gaaactctat	ctcttcaata	ttatgnacta	tatccaagag	tcacaactag	360
tgagaaaagg	acangntcta	actaccaatg	ngaggtgtg	tcttcacacc	aattcaacag	420
agtatcttgt	aaatgntgag	aggagaggtg	ctttaagtca	tggtgtgcta	tcatangtgc	480
ttnacaaaac	nnnttgacaa	ctgattgggc	cttgaggtat	gaatggantt	agccaggcna	540
ttnaattcga	aatncgaagc	ttcaangaca	gatttantaa	cnctttgnga	gnagttgaaa	600
tgacagcaaga	tgttacgaca	anttgntact	gnnccatggg	aattttacca	aagttgtgna	660
attgnagnna	antgctnatg	gaaaccttga	aaggatntng	ctttgnggcn	cacgcttgaa	720
cnaangnctt	cggantgcnt	annaaaaagc	ccnaatgcnn	ntccancnn		769

<210> 4398

<211> 1466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1466)

<223> n = A,T,C or G

<400> 4398

cnntntcaat	nanntanntn	nnancantta	cactncancc	nctataatna	atacatatcg	60
ggggatntta	tctcncctcc	antancnttn	tactnctccc	cattatntct	nttcnccata	120
catattctnn	taantctnat	ntanatcttc	aantataata	ncnaccat	ctatnactac	180
nnntacttna	antctccact	nttncgnctt	nccannccnn	tnatattatn	ccnattnaat	240
cttnnccncc	nttanacctc	ttcntttacn	ttaaactcat	anctcattnt	naanannatc	300
ntcnttctna	tctcaaaten	nttcnnnaac	ttcatttcta	tttnnatact	tttcncnata	360
ancttcantt	atnaatcaan	atnnnctttt	tnntanctcn	tnntatntnn	cattntcctn	420
ccantantan	ctntnttaan	acattncntt	ntctatcacn	nctnaacctt	tntantntta	480
cnttntatct	ctnctntctn	tcttactcac	tatacnctca	ncatatactc	tacnanatat	540

acattatctt	cntnccatct	ctttnatc	tatntctcac	nnnaatatnt	tcctcca	600
ctntctantc	tatttanctn	ctncttc	tcctctctt	ntntcttann	tcnccat	660
ntctctcann	ctnctcntca	tatgatcact	ntgnngttct	atctcntatn	canactcaca	720
tcgatttact	nacmntanan	accctantnc	tatatactat	ntaatnntca	tcataatntcc	780
aatattcnta	aaccnncaat	tactcccact	antatntnt	cctactttaa	naatgactng	840
gtaatcatna	cttaataactn	ttttctcatn	accatnttac	cnntactnt	nactctcttt	900
atcatcatnt	ncnttanatt	tcantcatac	ttngtaattn	ttnttttcnc	antatatnaa	960
nttatcnaat	tttaccgtct	acacatacnt	cattatcctc	tatctctcac	tatacttncn	1020
tactnatntc	ttatctatcn	atnctatact	tntnnacatc	ncnncncna	tntcacctcc	1080
nttctttcac	natanaactt	ntatcttaca	tctctatata	tacnccact	catttatcaa	1140
ctctntcana	acannmntnn	tnntntantc	tannannccn	tatttnatac	ntanacatag	1200
actntcacnn	aatntctcnt	tatcactntn	tatannatac	actntttcta	tacntacttn	1260
nttctncata	tntatcncta	natnnttate	cantanttnn	tntcncnat	tnnaaanant	1320
tacagcancn	aaataaatnt	ttattnttct	acctnttna	tcttgtnccct	tccttnanaa	1380
tttaattnnc	tnnctnctct	tnaaactnca	ccentatcac	cctntcnttc	ccatnttnna	1440
tcattacaat	cattmnacta	actanc				1466

<210> 4399  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (741)  
 <223> n = A,T,C or G

<400> 4399						
gnttaatgcc	tttcnattgc	ttggctctcg	atctttctgc	aggatcccat	cgattcggtc	60
ctaccpaaac	ctgtggccgc	cacttttgaa	ttctcagatt	gccctgaatt	ttgccacttt	120
taaataatgt	gctgaataag	ctcagcaact	aaaaaccatt	acccaagaac	gtttcttctg	180
agtgaagctga	tttattctga	ttcattatat	tccttttggg	agattttata	ccccttgggg	240
aaataatata	acaaaaacat	ctcttaaaaa	tgctgggatg	gggccatata	tactagcaga	300
ggccagatgg	tcagatatga	tttctgcaaa	cccatcttga	ccttgagtat	gtgaaggggt	360
actgtacttt	attcctgata	catttttggt	tccatgtagg	tgttgagctc	ctggntttct	420
gtgtttggat	gatgaagatt	tggacccttc	cattcataat	ccctttctaa	gtgaagggag	480
aggctggctt	ggctgntcct	tgntattccg	aaagccctgg	tttggggccc	atgttcacac	540
tggctctcag	tctagtcagg	tgcaatgttc	ttgagaggtg	gggacctaat	tattaccaga	600
gtagcancaa	gagaggaaac	gttgtgaatt	aagtattcaa	ttnaaaaagg	aacatgattt	660
ctacctgaaa	aaangnanan	gnncctnnct	tgattanctt	cntaatcctt	nnnnatnnaa	720
ncnntcctna	annantttaa	t				741

<210> 4400  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (768)  
 <223> n = A,T,C or G

<400> 4400						
tnnnttcngt	tnactcgttt	ganttcctat	acaagctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggcctgatt	gaggaagaga	acatgctggc	accatctctg	120
aagcagtttt	ncctacgagt	ggagatttgc	cactctacat	tccagtgagg	gttgctgaaa	180
aaatcctatt	tgttggagaa	tctgccagat	gtttgagaat	caaaatgtga	acctgactag	240

aaaaggatcc	atTTtgaaaa	agaaga	cactTTtgct	gcagagctgc	atTTtctca	300
aacagcagcc	actcttcaac	ttggact	ttgaacaggt	ggtgggatcg	ctcgcagc	360
actgtggctg	agcatctctg	gaagttgatg	gtagaaagaa	tccgatttac	tgggtcagct	420
gaagatcatt	aaagactttt	accttctggg	acgtggagaa	ctgttcaggc	cttcattgac	480
acaactcaca	catgttgaaa	acaccacca	ctgcagtaac	tgagcatgat	gtgaatgtgg	540
cctttcaaca	gtcagcacac	aaggtattgc	tagatgatga	caaccttctc	ctctgttgca	600
ctttgacaat	cgagtntcac	cggaaangga	gcacaaagat	gctnctcang	caagaanaag	660
ggccttctcg	ggaaacttct	tnccccggga	aagccccctgc	antcttggct	gggcagccct	720
angtcttttc	ttacaaaagt	acaagtgggc	ccccncnt	ttttanct		768

<210> 4401

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4401

tttcatnntt	tacaagctac	ttgtnccaag	atcccatcga	ttcgaattcg	gcacgaggct	60
agaagttcaa	cgggagacnn	attatnncca	tngnanactt	ncggaacctc	gggttctgag	120
tngtgctctc	ctcaactgcn	cgggtgagcc	ttannccctg	gnttgtgcna	naannanacc	180
tnngtttant	nngntncncc	nnnnnctct	taaannenta	nnnnntnmag	ngctntaaan	240
cccangtgag	ctnatnaanc	aanaattgga	gcnatttgca	tcccngacta	gnngcgatga	300
actntntaca	gatgaccnat	catncttctt	tgagccaang	ngganaacnc	tgccgctata	360
gaccntggcn	atnactcnnn	nttgacatna	gannatnnnc	taacnntncn	aanattncta	420
ggcnntccgn	ttctcangnn	ttatntttaa	canctgnctc	atg		463

<210> 4402

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4402

aaacatcttg	aaccogtttg	antnctntata	caaactnctg	gatgnttgng	cnggatccca	60
tcganncnaa	tnccggcnca	gggcatagtc	agacnttgtn	tnaaaaataa	tnatnatnan	120
nnaaccacgt	gtggggtnat	tcctttngat	tactattatn	ttgttctcag	aacaattgat	180
ttnantttna	tagactttct	agcccttata	taataatnct	gagtnctcng	ccnncataan	240
aaantcggaa	aannnctgat	cnagaaanaa	nnggtactac	tntgangaat	ntttangact	300
atnatactga	gtncaatatg	naacacaatt	cngcgtnnct	ncctnngatg	anncntaaaa	360
tatttgaaaa	tttgattgna	tnaaanagca	tnntggatac	cnggaganac	tnatgntcnn	420
gacattanga	catnctgtnt	gnnngangct	cccgtcnna	ggaagccant	nttcnnaan	480
actaccttgn	taatataacc	gggancgggc	tttngnacct	gccattntat	tgatnanatt	540
naatgttnat	atncnggaaa	aaannggctc	atgccgtgaa	atgtggggtn	catnacaagg	600
gaaaagtttt	ctggngcgg	atnacttctg	gnnanaactc	angttctnnc	ggactnggat	660
ntaatncnct	ccctttgcta	ggtttcctcc	cagganncng	nttcnaaagg	cgaatcaaatt	720
gccngccaac	atttcaaatt	ttnaaganng	gggnncncn	aaaaaaaaaa	aat	773

<210> 4403

<211> 777

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(777)  
<223> n = A,T,C or G

<400> 4403  
ttcnantctt ttctaaatnn cnggtcttgn tctttctgca ggatcccatg cgattcgtgc 60  
tattgtaata ataacaataa agagaaatta gaagtgggnn tcagggtaga aaaaaatgca 120  
aaggccttgg tccctaggag accaactctc cagctgagct ggccttagcc ccagcccctt 180  
ctaatttctc tttattgnta ttattattat tttctctgct attgtaatat ttttttgtaa 240  
attaaatggt ttggtcaaaa aaaaaaaaaa aaaaaanaaa aaaaaaaaac tcgagcctct 300  
anaactntag tgagtcgtat taccgtagat ccagacatga taagatacat tgatgagttt 360  
ggacaaacca caactagaat gcagtgaata aaatgcttta tttgtgaaat ttgngatgct 420  
attgctttat ttgtaaccat tataagctgc antaaacaag ttaacancaa caattgcatt 480  
cattttatgt ttcaggttca gggggaggtg tgggaggttt ttttaattccc ggcccgcggc 540  
gccaatgcat tgggcccggg cccacctttt gttcccttta gtgaggggtt aaattccccc 600  
cttggcgtaa tcatggtcat tagctgttnc ctgngggaaa ttgnttttcc ngtnacaatt 660  
ccacacaacn taccaaccgg ggagcataaa nggtgttaaaa ccctgggggg cctaatagaag 720  
tggancttac ttccnattaa ttncggtg gcctcctggc ccnnttnca gtcggga 777

<210> 4404  
<211> 863  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(863)  
<223> n = A,T,C or G

<400> 4404  
ccnnaacttt cnattangtg nagccctcgc ccanananat tggcntgggc tnaacgnana 60  
ttatcttctn acnmatannt gtgtgcctat tttttcataa ttcttnancn nangncttnt 120  
tntaantggt ccgctagncc anannntgcg ctaacanatc agggcgccac tgttgncgga 180  
tnacnactgc nattngngcn ctntnncatt ncnnaatgag gentntnaaa tcngatcggn 240  
tcacatgaan atnanaacgt atatnatnnn cnaacttgag atcttcttcc acgggnnctc 300  
tnnnacngct tnatgactcn tggtnacagc nccacggntc atcangcccc canngaaatg 360  
ngactantcn cntggancnn nntgnaacac ctgnccttca cangtnactg atnaaggctn 420  
anctgntcan gacannctt aanccttnen gcttcngtnc tgggaaccaga aggantnttn 480  
nnaaanggnt cgatnacncc ctantagtct tacctactgc anccatcact ggaancatgc 540  
taatanggct atgtgggtcag tgtaancntn atcaatngaa acncccnenn annttnnccn 600  
ntnancntca cctaaatant cncttttcta aataantnca cncaatggt nnaaactanc 660  
ctannaatng gnggttcccc tngaagtcc cttctcnaa gentgcacac nttcntntng 720  
nancccnann ntttaccctn tcggnatecn cntgggcntt ncctttattn atccacctat 780  
nggcttcccc aaagaacntn ctngnnnca atcatccttg ggannacttc ctcctntngg 840  
nnaataacgg cgcaaaantt nct 863

<210> 4405  
<211> 424  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



<222> (1)...(424)  
 <223> n = A,T,C or G

<400> 4405  
 ccntcgaatt cnnncgagga gaaaagctnt cangttanct gtttggtta taagggaaac 60  
 ctgcagtcct ttctgaaagg ggagctgtga atatgactgc tttgtagaaa gatgtcttag 120  
 gattctgggt gaaaattttt aattcccctc atgtaggaat gtcacagagt gtaccttttt 180  
 gacttagtat tttcctagta aaatacacct ttcttaagaa aatggctaca aagtcagatg 240  
 catgtaaattg ctttcagcaa gggtttattg atcatctgct ttaggctggg ctctatgtta 300  
 ggtgcctgtg gattccattn tagtacctgt gttctcatag aattgaatcc tgntccccca 360  
 tatgactttt gatgatattc aactgttaa ttccaataaa gacagagtag acaaacagaa 420  
 actg 424

<210> 4406  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 4406  
 gnntcaatgc tnttctctng ttctttntgc aggatttcat nnctcgnat tcggcacgag 60  
 agaaaaacaa cagagagaaa aagaatcctg agaatatgta gaagctttac gagcccaa 120  
 ccaggagaaa atgcagctgt ataataattac tttacctcca ctatgctgtt gtggctcctga 180  
 tttttgggat gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag 240  
 agcatatact cgggcactac attcattcat caattcctgt gatgtccctg ggggtaattc 300  
 aactcttcga gtcgcaattc ataattttgc ttctgcacac aggcggactt tgaaaaatct 360  
 ataataagaa tctgaaatta actggtagta ttttggtttt tacttaaaat catccctgag 420  
 agagtattta agaaaagctg ttcaagttat aaaatatata atctggaaag aaatactgnc 480  
 tcatataata attagattgg aatcattggt ttaattctctg tctgggaacc aagattgaaa 540  
 gctgacttac ttctctcttc tgncttgtga accataccgg agcctattat ttttaaaata 600  
 tgatcagaca agtaaggctt ctcttacttt tgctctgctc tggatcagga agancctcat 660  
 ggtgaagtct ttgagantct cttattaatc atctttctta aactgngttt ttgagcctga 720  
 cagtactgaa aangctggg 739

<210> 4407  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

<400> 4407  
 cntcagcggc cntgnatcca aagntggggg cgngegnacg anctgcgagc ctgccttacg 60  
 aggcgcaag ccctttttgc caccctcggn gnngngnctg tccggccgtt ttggnggcat 120  
 canccgnccg ncatggcagt gaacgnccng caggcnccag ccacngcctg gggctanaga 180  
 ttaaattgac nccccnagac cgggcattat caggagnngc tangannctt nctgcatnct 240  
 cggnaaacta gcataagcca aagactcgcc atgcagaant attagcanat agctgcgctc 300  
 gataaaggaa ngaggagnta aanaatnaac tagtgaaaac aaggagatg gtggctttat 360  
 cgtggggttag agctntngan ctatgatgtc atcggctaga tactatgtga aatatcttac 420  
 tacnnttann catgcnaatn agantgagna agnctnngac caagccccct ttaatgagnn 480

caagaaaaac	tcttggtg	tggaag	nnaatcnagc	tanaactcgg	tggaata	540
tgngntcata	tccaggcaaa	cgaggnnt	gttgtaaacy	gtcaggacca	aaanaaccc	600
cttttncct	ctggggcct	tnngttggc	aagggaacgc	aattaaggaa	ccttaaagt	660
nnantagnnc	cnncaatttc	ccgnccatg	gaaannccaa	ttgnccngga	ntgnccccct	720
tnngnccttg	cctcncccca	aaagggggtt	tgncaccaa	ngtngnttgg	ggaaaacaat	780
tccg						784

<210> 4408  
 <211> 1327  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1327)  
 <223> n = A,T,C or G

<400> 4408						60
gnnngttnc	tnctcttnaa	accnttgctc	tngttctttt	tgaggcatc	ccatcgattc	120
gaattcggca	cgaggggenc	tgtctgcttg	cngcntgnan	acgatnngtt	tgatcntctn	180
tnaactannn	acttncnnng	ttngncttat	tgagttntc	atcnaacgct	aacantgtng	240
tctctatnan	natnttatga	agnacatata	tacgcttnat	gancantntn	tgtcanaann	300
ggncananc	tatgtcgtgn	gcnttntttg	ncaattnnan	aanangagct	nanggatcna	360
ncgatgtgaa	agnacagctn	tactctgaan	acatgctcnt	cnnntngna	tgccnnnta	420
cntancnaac	gaaatattcc	ntaaagacc	nganntnata	tgacataca	agaanngtnc	480
ttcaaaaagg	tcctttantn	nanagttntt	ncncnggttt	gactaccttg	tagntaattt	540
actaggaatt	cttggtaatc	gaaatccaac	ttncgctcnn	ggaactcgtt	gngntcnant	600
antnataaag	tggnngngnn	gaaancctgg	nantaaangn	naaccctggg	cattggtngg	660
accattgng	aattnacttt	tatcccaagt	tnggaccnc	ttttacccc	anttgcctcn	720
ttgtgngctt	ttgccccaa	aaattcccc	ctntccatt	aacncgttaa	nccaaatttt	780
tccgcccgtt	aacaataaat	tttttntan	ccctnaaata	ccnnggggtt	tccttaaaaa	840
ncgtcnnatn	cctnaanttn	ccntttgaaa	tttccctttt	cncttctggg	gccnttantt	900
tgaacccna	naanttnaac	ttggnccntc	cncnggttta	antcnaacan	natttgcctt	960
tactnanana	aaatctccta	cctnttggtt	ncttcaanat	ttttgaacnt	taatctnnat	1020
tttanannna	nttaataaaa	ctgtaatcnt	tggaananta	ctntgnnncc	cnaaattccn	1080
ttatacacat	nggtnttttn	atgnnaccaa	acttttgagn	aaccgcatng	tcttataacc	1140
cncnaaattt	cttccgtacc	nccggggtnt	cttcaatctt	tacctcaaan	gnngaancgt	1200
tttcctttgn	tttcttacnn	atacggctnc	gtttctctnc	tatttttant	ccanctaagt	1260
gtaattcaen	ttttccgga	netctctga	cctatntnac	ntctcttcan	atctccccct	1320
aaagtccna	atctcnaact	tccaattntt	acccccanta	tcaatgtttt	ccaatccctt	1327
ntttcnt						

<210> 4409  
 <211> 1267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1267)  
 <223> n = A,T,C or G

<400> 4409						60
ggcttctacn	nnaannngtn	ggaaactcan	ncgctcgann	gcgcnnggga	ngcnnctaga	120
tcacacggac	ngctaccanc	gagnagggtt	ttntnacc	naatcangac	ctaaatgcac	180
ggntntatgt	accctgncca	ccatctngtg	cctctttatc	attngcctct	tccttcctat	240
ntcccttgcy	ttaaggaana	aaaatgggtg	cacaatttgt	caaaagtnat	tttaanngna	

aancntnnc atganagnaa	gnanttt caanncgnt	nnaannnnnc	nncca	300
nngnggacnt ngnnntcnn	actnact ntntntcnn	ganncncna	nnat	360
cntnncnga gttnaatnnc	annncan	ttntntann	nnngaannan	420
nnncttgntc cgganntanc	ntcangatcc	cannannant	nccgancgna	480
antntncnan caccanattnc	ngtcganacn	ncnncgntcnn	ncngcacnat	540
tnnancnnna gncnnactg	nanntacngn	anctacnagc	gctgacnntn	600
cnngncnngt ncngtanatc	ncncnatcat	ntnagatntc	nnntnnatnt	660
antntcgana ntgnntcagc	gancntatat	nngnganncn	acctanagng	720
ntcnanacga nacactntc	ncaggnatnt	tcngncgtnc	tctgntgagn	780
ngnnacnnc tntancagag	taatcncaca	ctgtaatcnn	tataccanaa	840
gcanancncn cnnanagcat	cncnntgctg	acgttnnacnc	atntcnacat	900
ncatntntca ntancncnaa	tntcntatgn	nctannngntc	natcntatat	960
atatgnntnt ncgntancan	acacgnacng	ngnacanaa	ncncactnna	1020
acncancncn tnanngcann	nttngnnnnc	tcgcnananc	gtagnatacg	1080
cntancacnc ganncggan	tatctcncaa	nanactnnnc	gctnnnannt	1140
cntacatcga ntctcngcng	atctacncgc	tcagtnncnn	ctgannnnat	1200
ctcncatnga tnanantann	aancactggn	ncnnncnaacg	ngtncgnta	1260
gnnctcg				1267

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 4410

tgngactntt tgaactcctg	ttcttttttgc	aggatcccat	cgattcgatn	atgnnncnan	60
ncactntgan ngtnnattta	tnnntttctc	cnattccnna	actaatggga	nnccggtgct	120
ggtatngann cttggggaaa	atacctggag	ataccagtgc	agctattnaa	agctgnagca	180
agggctgcaa tcttgcgag	attttaaaaga	gaagtnttaa	agtttcta	actgatgcct	240
ctttttggta aatacaagtt	ttatnaatcc	tgccctggga	tcttgattcc	ccattaatca	300
agatttgta gacttcacct	tctataatta	gaaaacacag	ttataagaac	agtcaatttt	360
ttaaattttc caaattaaaa	aattgcacca	tgattttgaa	caagcacttc	caattncatt	420
acccatcttg tatgcatag	gtgggagtat	aattgncaca	gc		462

<210> 4411

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4411

tnnnnttttn aannttttcc	taatgctggt	ctcgttcttt	ccgcaggatc	ccatcgattc	60
gtttgtgctt ttttaagaata	tttttagact	atttcttttt	ataggggctt	tgctgaattc	120
taacattaaa tcacagcca	aaatttgatg	gactaattat	tattttaaaa	tatatgaaga	180
caataattct acatgttgtc	ttaagatgga	aatacagtta	tttcatcttt	tattcaagga	240
agttttaact ttaatacagc	tcagtaaatg	gcttcttcta	gaatgtaaa	ttatgtattt	300
aaagttgtat cttgacacag	gaaatgggaa	aaaacttaaa	aattaatatg	gtgtattttt	360
ccaaatgaaa aatctcaatt	gaaagctttt	aaaatgtaga	aacttaaa	caccttctg	420

tggaggctga gatgaaaact a	ctcatt ttcctgacat ttgtttattt t	gaagag	480
acaaagatttt cttctgcact c	gccccat aggtctcaga gagttaatag ga	tattttt	540
gggctattgc ataaggagcc actgctgcc	ccacttttgg attttatggg angctccttc		600
atcgaatgct aaacctttga gtagaagtct	ncctggatca cataccagggt cagggaggat		660
ctgntcttcc tctacgttta tcttgccatg	tgctagggta aacgaaggcn taataagcca		720
tggtgcacct ttggagcacc agtgccagga	cttgtcttca tgtgt		765

<210> 4412  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 4412					60
gnnttnantt nnnttccctt tcaa	atnctt ggctacttgt tctttntgca	gggatcccat			120
cgattcgaat tcggcacgag gga	acctact agatggacag gctgagg	tgt ttggcagtga			180
tgatgaccac attcagtntg tgc	anaaaaa gccaccacgt gagaatgg	ccc ataagcagat			240
aagtagcagt tcaactggat gtct	ctcttc tncaaatgct acagtacaaa	gccctaagca			300
tgagtggaaa atcgttgctt can	aaaagac ttcnaataac acttactt	gtg gcctggctgt			360
gctggatggn ntattctgtg tc	atttttct tcatgggana aacagccc	an anagctcacc			420
aacangtnct ncaaaactaa gta	agagttt aagctttgag atgcaanat	g atgagctnat			480
cnaaangccc atgtctccta tgc	agtacgc acgatctgggt ctggga	acag cananatgaa			540
tggaactc atagctgcan gtgg	ctataa cagagaggaa tgtcttcg	aa cagttgaatg			600
ctataattca catacagatc act	ggtcctt tcttgctccc atgaga	acac caagagcccg			660
atttcaaatg gctgtactca tgg	gccagct tttatgtgggt acgtgg	atca aatgggccac			720
tnaaattgac ctgaagtggg gg	ancagatt aatgaattca aaccat	agna tgactggggt			754
cctgtttcag aatttgagaa cta	acccggg tgn				

<210> 4413  
 <211> 1119  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1119)  
 <223> n = A,T,C or G

<400> 4413					60
ncncacnnnn cantnntcna nan	ccannnc caannctca cncnnnn	nan nntctcnaaa			120
ccancennnc gnctnnnat nac	ncaangg naaggggcan nngatt	ccta gttttntnn			180
anttttttga aaggccttt cn	agagtcnc ttggcaagcn gcttct	acca gangaattcg			240
gcacgagaat nntccngtat nt	gnetcttc naccctagaa tnact	tatan acgtataann			300
tannntcna aatactnaca ggt	ntnaaaa taangntnat caant	actaa ttttaattctg			360
tttcatcana aagcacgacc at	cgtaggcat ngaaacttga gtt	atagcct actatcanga			420
tcaatntaaa aaatatatat nt	agggctgg ntgcacgtgg tgc	acatctg taancccaag			480
tgctttggga ggctgaggng ggt	gaatcac ctgaangtca cgant	tcaag accaacctgg			540
tcaacatgac nataaccca tnc	ctacaac aaaaatgtaa caa	attagcn acngttggn			600
nacacacacc ntatcactct ac	ntncaatn gggggcccga atnc	ngtna anaatccgcc			660
tntgatctct tnagnaaaca tnc	aaaangcc tgctncanaa gct	aatncat cattgccna			720
cctggaactt ccaatccntn at	ngcnaanc ancaatctac nc	accacntg gtcccntaat			780
atacgaaca nactcacatc ng	actatctn aanantncca nag	cnataan ggnnacantn			840
acnccancan ntttncaanc nt	tgccnaaa nanatacccn	acaacaatnt ctagnacant			

atnnacnnnc	ntttacncat	nnacacat	ntnncccaaa	ctcnantaca	nnntcac	900
actntcactc	ctctcctacn	tnacnaaaa	anactcntcc	gnaaccctc	nnmantat	960
acctcatnta	taccnnanna	atctcctaac	attttaccat	ntctcntnat	ncccnnnaca	1020
cactttnnct	naacnnctc	tcnanataac	gnaanntana	nctctcnang	atntccaaaa	1080
nactncacna	aattttgtcg	caaaaangtn	ntntnaccc			1119

<210> 4414  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

<400> 4414						60
gntttntttc	ntttntttt	caaactcctg	gctactttna	attnctgcag	gatcccatcg	120
attcgnnttn	ggcncnangn	ggatntggct	tntgnggaat	nggatnnnna	gctggctgat	180
gacggncanc	ggataganan	actgnagnan	ccntgctcnt	tnagnncag	tgctgtttan	240
gaanangatc	tcantgtntg	nnttgannct	ctgnatggan	ccanggcgtn	taccnaaant	300
attntngaca	ntgtgacacn	tcattattgg	aatngantat	gannnanatg	ncatagcang	360
aganataaac	cagcnatatt	acaactatct	cgcanccgac	ngatgctgng	ntctggaaga	420
caatntggng	agntttaggt	ntagcgccgt	nnggntttca	nctgntanan	gaacctgntg	480
ngaaanacat	tatcacnnct	actcgntcct	atngcaacaa	gaagnngctg	actgtgntgc	540
tgctntgaac	tcctatgctg	ngctgctagt	angatgagca	ngnaatanga	tnatcagctg	600
annganngcn	aagnctctgc	ttattgtntg	ngcaaagtct	ggttgtaagg	anntgagggt	660
actttgcgct	ttgggnaagt	ncntactana	ttntttnttg	ggacngcaan	gntttnnccg	720
ggtganccca	angngnaant	ggnaccttan	tnganccnat	naanggnntn	tcananggca	780
tagtnnancc	tggannaaag	gangttncna	gnnttttann	tnccgggaaat	nnnngactta	788
cttttttcg						

<210> 4415  
 <211> 1411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1411)  
 <223> n = A,T,C or G

<400> 4415						60
ttgtnnnnnn	ngtttttttt	ggcggtaaaa	aaaaanggnt	tttttttttg	ggggaaaaaa	120
nnggggccgt	ttggctnngt	ggaaaaaacc	cccttttttt	ggggggaaac	cnnttttcgg	180
ggngaaanng	nnccncngng	ggnnngnngn	nnnnnggggn	nngngagggn	nnnnnggnnn	240
nnngnggnnn	ngngntnngn	nnannggngg	gngggngngn	ntttntttgn	naggnggagg	300
gantttntng	gnngtttttt	ttgncgnncg	gggnnggntn	gggnagnngg	gggcgagggg	360
ggggnggggn	cgngggngga	ganagnaagg	naggngngng	angcgtgggg	tnnggggann	420
gggnnagann	aggcggnatn	aggnggnggg	gnngggangn	gggggagngn	gggtagnagn	480
ggggngnggn	nngngngngg	gagggnnngc	gnangggacg	ncacagnngg	ggtcaannng	540
ngangggann	tgnggaatgc	nggnngggcn	cgggggcngn	nnggagnngg	gntgggacag	600
ggtgnnggan	gccannnagg	ggnggggggn	ngccgagngc	attnggttag	angnnnggcn	660
nttcgggggg	ngccnnnngg	tnantgacgc	gngcgggggg	ngnanatnca	nggggnnagn	720
gnggggaang	gcncncngng	tntggggggg	ganccnntga	gggggngnna	agnagggggg	780
ggaagncngc	caannngngt	ntncnggggn	nnangnggan	nnnggggggg	ganngngncg	840
ggngangggg	ggggaaccnn	gtnnnnngaga	agnccnntgn	angntgggag	ggnnccggnn	

cangggggng	gncanggggn	gnantg	cnnnngggg	ngnggaggat	gnggggag	900
cntggggana	gatgggggan	ngagcgn	ngnagnngtg	tgngggggng	gngatnnaga	960
nggtnnnggg	gggnngggng	gggnnganng	agngangggg	gnnaaaagnn	anagggctan	1020
tggggggggg	nngannngna	aagagggggg	gggggggggn	ganannngnn	cgagngngnn	1080
ggnaaaanggg	gngnaagggg	ngntgnnnng	gggganaggg	gggntntnng	ngnngtancn	1140
tngggaannn	ggggggggag	ngngcagaag	nncngggggg	gnggtgnaaa	angaaantgn	1200
gggggggnan	nnacaggggg	gnannaggna	ngggggcncc	ganagctang	gaggggnnnn	1260
nnngngggtg	ngggggngan	ngggagaana	gggggggggg	tngngnaagg	gggggggnnaa	1320
naggggggga	nnaaaaagag	tnnggggggg	nagaannngnn	agggggangg	ggngaggngg	1380
ggatgggggg	ggggnnacn	cannaccgcn	n			1411

<210> 4416

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4416

gncttttacn	aatgcttggc	tacttgttct	ntttgcagga	tcccatcgat	tcgnattccg	60
nacanngggc	atacttgntg	ccttccangn	gnactntcac	caangtntct	ggcgtacanc	120
gtnnagancn	gcntgaccgc	acnccatcgt	nangngcagn	ngtgccttgc	tnctgngaen	180
ggggccaagt	ncggtntgtc	atgcctntga	tnccacnact	gnnggaagct	gatgcangcn	240
gatnacttna	ngtcatgant	tcnanaccag	actngccaac	atggtgaaac	cntatnttta	300
ctatanacaa	gagtagatcg	anngtggngg	nngcacactt	gtaatcnnag	ntactcnaga	360
tgctgntgcn	naatanttgn	ttnnactctg	gagatngang	tngnantgan	ccaaaatcgc	420
nccnctgngc	tccaacctgn	gngacanagt	aagaccctgt	ctcataacaa	acaaaataca	480
actcnagcct	ntanaactat	agggaaagtcn	ggattacntn	natccngnca	tgatanggat	540
acatcgattg	antttgnaca	nncnacaact	tggattgcag	gtgaaaaaaa	tgcttntatt	600
ttgtgaaana	ttncagtgtc	attgctttta	tnttgtaacc	nattataagc	ttgcaaatta	660
atcatgttta	ancaacaacn	ngnttgcat	catnttatgt	ttcaagtttn	aaggnggaac	720
ggtntnggna	aggtttttta	antatggcgg	tccggcgngg	tccaannn		768

<210> 4417

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4417

tcnnnctttc	taaatgcctt	nggnmntccc	tttctaattg	cttggctact	tggtcttttt	60
gcaggatccc	atcgattcga	attcggcacg	agggacaata	atggccgctt	tcaagggtgtg	120
gattttggct	ccttgagcct	gtctgagcga	gggggtggcag	cgccggcgcc	ccagaatccg	180
ggacagaagg	gtcccaagag	tcgcgcttgg	tgagagaaat	cccagatcct	gtgatggggg	240
acaccagtga	ggatgcctcg	atccatcgat	tggaaaggac	tgatctggac	tgatcagggtg	300
gtggtcttat	ttgcaagtcc	aaaagtgcgg	ccagcgagca	gcatgtcttc	aaggctcctg	360
ctccccgccc	ttcattactc	ggactggact	tgctggcttc	ctgaaacgga	gagagcgaga	420
ggagaaggac	gatggggagg	acaagaagaa	gtccaaagtc	tcctcctaca	aggactggga	480
agagagcaag	gatgaccaga	aggatgctga	ggaagagggc	ggtgaccagg	ctggccaaaa	540
tatccggaaa	gacagacatt	atcgggtctgc	tcgggtagag	actccatccc	atccgggtgg	600

tgtgaaccga agagtttttg ggcagtc cggcagaaaa aaccggaacc ggcgaaca	660
tggtgtctat gctcgtcca agcagaaaa ggattggaan aaggagaaat cgggatcc	720
nagaactatg acccgcaaga agggacnaga nattaaccgg gattagaaag taggcacanc	780
nt	782

<210> 4418  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 4418	
ggngntttta tcagctcttg ttcttttgca ggatccctcg attcgaattc ggcacgaggt	60
gacgggtgaa gcagatgttg agtttgctac tcatgaagaa gctgtggcag ctatgtccaa	120
agacagggcc aatatgcagc acagatatat agaactcttc ttgaattcaa caacaggggc	180
cagcaatggg gcgtatagca gccaggtgat gcaaggcatg ggggtgtctg ctgcccaggc	240
cacttacagt ggcttgagga gccagtcagt gagtggctgt tacggggccg gctacagtgg	300
gcagaacagc atgggtggct atgactagtt ttgttaggaa catttgagtt acttcaatca	360
ttttcacagg cagccaacaa gcaattaaga gcagttataa tagaggaagc tgggggaccc	420
attttgcacc atgagtttgt gaaaaatctg gattaaaaaa ttacctcttc agtgttttct	480
catgcaaaat tttcttctag catgtgataa tgagtaaaact aaaactattt tcagcttttc	540
tcaattaaca ttttgtagt atacttcaga gtgatgttat ctaagttaa gtagtttaag	600
tatgttaa atgtggatcttt tacaccacat nacagtgaac aactgggga gacctgcttt	660
ttttggaaaa ctcaaangtg ctacttcctg attcaaagaa atattctcat gttggtcatt	720
ctagtttata ttttcattta aaatcct	747

<210> 4419  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 4419	
gnttnnttcn tttcctttca atncttggt cttgntcttt ctgcaggatc ccatcgattc	60
gaattcggca cgagcagagc tgtgatctgc cccaggtat tctgaccccc aaactggctc	120
tcaaccatgt ttacatgatg aaaagaagag gtgactgttg tatcagctct aaaggcctca	180
cttttggtga aatgggacct aaatttgatt gcatacttga ttacttgctg tcaatactga	240
aattggcact tcataatatt aatactattg aactttcacc ataaccctgt cctataaagt	300
tgacttgcaa atgaagaaac tctatctctt caatattata aaatatatcc aagagtcaca	360
actagtgaga aaaggacagg atctaactaa caatgtgagg ctgtgtcttc acaccaattc	420
aacagagtat cttgtaaatg ttgagaggag angtaactta ngatcatggg tgtctttcaa	480
taaagtgtct tagaaaacag gtgacaactg attgggcctt gaagtatgaa tggatttagc	540
caggcaatta aataggaaag cagatactca agacagatta aaacagcttt gagagaagtg	600
aaatgagcaa gtgtaaagac aattgatact gnnatggtat ttagaaaagt gtgaagtgga	660
gtgattgtga tgaaancttg gaaagattgc cttgggccaa ggctgttgaa agctttgggt	720
ttgcttanat taagtcaaat gccgtann	748

<210> 4420  
 <211> 748

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(748)  
<223> n = A,T,C or G

<400> 4420  
gnttnnttcn tttcctttca atncttggtc cttgntcttt ctgcaggatc ccategattc 60  
gaattcggca cgagcagagc tgtgatctgc ccccagggtat tctgaccccc aaactggctc 120  
tcaaccatgt ttacatgatg aaaagaagag gtgactgttg tatcagctct aaaggcctca 180  
cttttggtga aatgggacct aaatttgatt gcatacttga ttacttgctg tcaatactga 240  
aattggcact tcataatttt aatactattg aactttcacc ataaccctgt cctataaagt 300  
tgacttgcaa atgaagaaac tctatctctt caatattata aaatatatcc aagagtcaca 360  
actagtgaga aaaggacagg atctaactaa caatgtgagg ctgtgtcttc acaccaattc 420  
aacagagtat cttgtaaatg ttgagaggag angtacttta ngtcagggg tgtctttcaa 480  
taaagtgctt tagaaaacag gtgacaactg attgggcctt gaagtatgaa tggatttagc 540  
caggcaatta aataggaaaag cagatactca agacagatta aaacagcttt gagagaagtg 600  
aaatgagcaa gtgtaaagac aattgatact gnnatggat ttagaaaagt gtgaagtgga 660  
gtgatttgta tgaaancttg gaaagattgc cttgggccaa ggctgttgaa agctttggtt 720  
ttgcttanat taagtcaaat gccgtann 748

<210> 4421  
<211> 1407  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1407)  
<223> n = A,T,C or G

<400> 4421  
ggnttattcn ttcctncaa tncctggcac ttttattctg cggatccctc gattcgaatt 60  
cggcacgagg gctanctggc ctcgtnnac tattgtatgt ttgnngncc tgnncttaa 120  
cacttttnng cagttgtgct tnanctaagt ggctaattgn ttnaanntn gnnngntnctn 180  
anttaacntt tcttttaa ttnaaanngn tnaataaatt tctntnaatc nacccttann 240  
ngtatatnaa nnnatanaa nnnnannnac tttannent atttttnaaa nnnngacacc 300  
tnnngatcaa tntgntnaan ntttnnatnc ctanctcnnn nagnnttttn nnaanccttc 360  
ncctggant nttgntcaan acngaatttt cnttatctcn nntgcnnttt tgngccanca 420  
cnnttctca ncacctattg tgnccctnngc gnannatnnt ttacnctgc ggttgntatn 480  
nacancntnc tcttgcatng cgtcattaac ctntagtgt tccacanaga natatttttt 540  
agaggcgtat ntntnatcat agngannata ctntcanenn aattagtgt ttnaatattt 600  
tatnctacta antgatntct tgnnagngtn tcatatnnga tccaatatt gttntntatt 660  
ttttgtaacc ctattgtgca nttcnctat aatatnnggg anaatttggt cnnctttat 720  
nttctctata tnanacatnn atattggggg nannnttacn actcnnttat atnnagaaga 780  
nctntactcc ntatgtnna nataananac tnnatacnc tatattngna annagnacn 840  
nnttgggann gcttttanat tactncatac atacatgnat gtntataann anngettnen 900  
atatngncac naaaatactc tatatgtnnt tgcnttacna acanactat tnttatenta 960  
cnttattatn ntntntnanc aaccnactc ntnttatanc gntctctnt ntctgtctc 1020  
nntatntnt cgcntctcn ttnactntgg ngntacnta ttattagaga ngngnggatt 1080  
tatntctcnt ctgcgctaag ggantnaca gtncntnta tannatanat tngtncntn 1140  
ncantcaatn nttatnctn tacatgnatt agcatnatnt nccnnnttat tgtttaantn 1200  
acaccntca agatnttcta ctatgagant acacancttc tcananannt atgnctcaat 1260  
gtanactntc ctactcgng ntttctgtc cacatntnt canaacttct ancntntact 1320  
aatatntct aaantncnc gtnnatnctc tncangnngn ctgcnctcc tttngnnntn 1380



<210> 4422  
 <211> 1407  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1407)  
 <223> n = A,T,C or G

```

<400> 4422
ggnttattcn ttctcncnaa tncctggcac ttttattctg cggatccctc gattcgaatt      60
cggcacgagg gctanctggc ctcgtngnac tattgtatgt ttgnngncct gngnncctaa      120
cacttttnng cagttgtgct tnanctaagt ggctaattgn tttnaanntn gnnngntntcn      180
anttaacntt ttctttaaat ttnaaanngn tnaataaatt tctntnaatc nacccttann      240
ngtataatnaa nnncatanaa nnnnaninnac tttannncnt atttttnaaa nnnngacacc      300
tnnngatcaa tntgntnaan ntttnnatnc ctanctcnnn nagnnttttn nnaanccttc      360
ncctggantt nttgntcaan acngaatttt cnttatctcn nntgcnnntt tgngccanca      420
cnnttctca ncacctattg tgnccctnngc gnannatnnt ttacncntgc ggttgntatn      480
nacancntnc tcttgcatng cgtcattaac ctntagtgtg tccacanaga natatttttt      540
agaggcgtat ntntnatcat agngannata ctntcancnn aattagtgtc ttnaatattt      600
tatnctacta antgatntct tgnnagnnngn tcatatnnga tccataatatt gttntntatt      660
ttttgtaacc ctattgtgca nttcnctat aatatnnggg anaatttggtg cncnctttat      720
nttctctata ttanacatnn atattggggg nannnttacn actcnnttat atnnagaaga      780
nctntactcc ntatgtnnna nataananac tnnntatacnc tatattngna annagncaacn      840
nnttgggann gcttttanat tactncatac atacatgnat gntataaann anngcttnncn      900
atatnggcac naaaatactc tataatgtntt tgcnttacna acancactat tnttatcnta      960
cnttattatn ntannntnanc aaccnactc ntnnttatanc gnctctctnt ntncgtgtctc     1020
nntatnntnt cgcnnctctn ttnactntgg ngnttaacnta ttattagaga ngngnngatt     1080
tatntctcnt ctgcgctaag ggantnacaac gtncntnnta tannatanat tngtnncntn     1140
ncantcaatn nttatnnctn tacatgnatt agcatnatnt nccnnnttat tgtttaantn     1200
acaccntca agatnntcta ctatgagant acacancttc tcananannt atgnctcaat     1260
gtanatcntc ctactcgng nttttctgtc cacatntntt canaacttct ancntntact     1320
aatatnntct aaantnccnc gttnatnctc tncangnngn ctgncntctc tttngnnntn     1380
ncatatgngg tancatttcn tcnctct
  
```

<210> 4423  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

```

<400> 4423
ggttanttcn ttctctttca atccttgget acttggtctt tctgcaggat cccatcgatt      60
cgaattcnnn ncgnggaggg ctncgcgcca tctggnnncn ttgnnatctg nttngcngnt      120
ngagcgatnn tcggctgttg tggacacgcn tttanagctt ctggtgtgca tntannttga      180
ttcacatngn cttacacant gcctggangc tgtctnntag gctaatgcna cttncacatt      240
gggagataca cctgctgata gtggnnnatn gacncnctga nttaangtn tggannngat      300
nngtnntttt annngntggg nnaaactnnt cntattcnncn tgatgnnact ttggatcnca      360
ctnctgaggg anactngtna tggagcnanc tngggcnggn gnaccnctt ntttttagaa      420
natgaaatca tacatctgng ngnttcagtg ntannctgga tatcngcntc tgnnttantn      480
  
```

acttccaccc anagcatnat an	tcng acttanccng ngtcnnagcc ttg anan	540
nggncctggaa gncgtntngg ct	tann nnnccctntt gagnetnatg atcncg	600
gctttggng gttccactg atntgacact	gnctangcaa gatncccaan gatggcgant	660
cntcttgcaa tttgggaagg aantcctntt	tntncngctt gntagnatng ccttnnnnat	720
aaccttgctt tgaantntt taacccnnt	aatccagntt ngannttgct ttaggtaaaa	780
nccaattgca ntcgnnanan ancg		804

<210> 4424  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 4424		60
gnttnncncc tttcaattnc ttggctactn	gtctttttgc aggatcccat cgattcgaat	120
tcggcacgag gaggatctgc cttctgagga	agtggatcac gagctgattg aagacagtca	180
gtgggaagaa atactgaagc aaccatgcc	atcgagtagc agtgctatta aagaagaaga	240
tctcgtggtc tgggttgatc ctctggatgg	aaccaaggaa tataccgaag gtcttcttga	300
caatgtaaca gttcttattg gaattgctta	tgaaggaaaa gccatanag gagttattaa	360
ccagccatat tacaactatg aggcaggacc	agatgctgtg ttggggagga caatctgggg	420
agtttttaggt ttaggcgcct ttgggtttca	gctgaaagaa gtccctgntg ggaaacacat	480
tatcacaact actcgatccc atagcaacaa	gttggttact gactgtgttg ctgctatgaa	540
ccccgatgct gtgctgcnag taggaagagc	aangaaataa gantattcag ctgattgaag	600
caaagcctct tgcttatgta tttgcaagtc	ctgggttgtaa gaaagtgggg ataccttggtg	660
cttcagaaat tattttaaca tgctgntggg	aggcnanntt taacccgata tcccattggg	720
gaatgttctt tcaantccca naaggttgn	aagcatatga acttttctnn gagtctgggc	749
ccactgtgga attatgacta ctatgcanc		

<210> 4425  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 4425		60
tcnaatnctt ggctcttgnt ctttntgcag	gatccctcga ttcgaattcg gcacgagntn	120
gagctggaca ctnagncaca gtttagagtn	ttgatataatn actngaaaac agtancattn	180
ccnaanaccn atnaccnna ccctgtccna	angaatgatn gntatgnatg tgaagttnat	240
nttntgactc ngatnatnac nttccacttn	ggatgcacaa ccatgctgnc ctgtacagaa	300
gtcacangtn ttgtgagaat ttntaaactg	atgatgtgna ttmncatggn aacatgagtc	360
tacattttac cttcnatagt agcnatgaat	cacaatnacn tctttgttta taggttgggtg	420
gaaaantaat tgctgttntg ccattgcttt	taatggctgc cacaactact ttngcacnan	480
cctaataattt attaanactt tnctttctng	anacacaatt nctgaaanng ggattnatgt	540
gctgagnctc taaggaccct gatantncnt	ngtatnnntn gttgaatggt gnanaatatt	600
tcatnactac tcaantgatg gtncatgat	ctgggaggaa gccncttna gcatnttanc	660
canattgncc aggggtttcna gganaagtct	aaagcctgtn angataccna tgggacccca	720
ccnggtgna anggcttnnt gtcttncggg	gactttgagc ttaattttcc cangnaaaaa	727
anggctt		

<210> 4426  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

```

<400> 4426
cctttcttga aaccnttggc nacttntctt ttntgcagga tcccatcgat tcgaattcgg      60
cacgaggagg atctgccttc ngaggaagtg gattnagagc tgattgaana cannnantgg      120
gaagaaatac tgnagcnacc atgcncatcn cantncantg ctnttaaaga agaagatctc      180
gnggtctggn ttgatccttt ggatggaacc anggantata ccgatgggtct ncttgacaat      240
gtaacagggtc ttattggaat tgcttatgaa ggaaaagcca tagcaggagt tattaaccag      300
ccatatnaca actatnaggc aggaccanat gctgnnttgg ngaggacaan ctggggaggt      360
ttaggtttan gngcctntgg gttncatctg aaagaagncc ctgctgggaa acncnttatc      420
acaactactc nattccatag naacaagacg gttactgact gngttgctgc tatgaacccn      480
gatgctgtgc tgcnagtatg aggacaggan attngattat tcagcttatt nanggcaann      540
actctgntta tgnatttgcn agnnctgggt gtnagaattg ngatacttga gctccagaag      600
ncatttacat gctgtnggag gcangttaac cgaatccatn ggnatgttct tcagtccacc      660
aangatgtta accatntgaa ctctggatga gtactgccac nctgaggatt atgactactn      720
tgcaagccca nnacatgnng gagccccctn ctt                                     753
  
```

<210> 4427  
 <211> 863  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(863)  
 <223> n = A,T,C or G

```

<400> 4427
tttgnaaanc cttttctggt gttcaccgga aacncttggg aaattcccat agctncangc      60
annnantgcg atggcggtgc cctgtagtcc caggtagtcc ggaggctgtg gcagattttt      120
ggcttattga acacaggcag nttgtggcca ttcagcaagg agcataatgc ccctgtnggt      180
ggtgatagtg aataagcact cagtgcagnc aataagnata taattngagt taatgcatgn      240
cnaatgattc cngtcccttg ttgaatgtgg atttntntat ctcantncca atacatttnc      300
tacaaagcca agtgccattc cctggaattg gccnatagca atcnggaatg tnnaccatng      360
gattcactca ctggcagntc aagtctgtga acaccatgaa ggttaatcaa catgagggtt      420
taaagccaac tttataggct tgctatatnn nccttccttg tcagcaatan agcccattcn      480
cnggagcttc cngnggggat gactcgcccc agngaattct cctattaagn naaccnanng      540
gnttaactgn agaaaaggct tnccgtnatc tntaagatcc ttttggaac cacntttant      600
ctaccctggc ctncagntc caatttggan agaccgnc atnnancctt tggangaaat      660
ncccaatncc aggaaaccca atggccaaaa cccctntttn aaggnnnctt naacaagccc      720
agggaaaacc naattncccn aaanattggg gccnntnnnn gggggggggg aaaaaggctn      780
naaactntcc cnaacttaaa acaaangncc ccttgggntt ntcaaaaaaa nggggcnttt      840
nggaanggaa aangganccc cna                                             863
  
```

<210> 4428  
 <211> 471  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(471)  
 <223> n = A,T,C or G

<400> 4428  
 nntttactnc ctttnccccc tctntttgca ggatcccatc gattcgaatt cggcacgagg 60  
 cagaacngat ccagacanaa antgtntgca ttttaccttn tttcccnnc caattcttct 120  
 tngtaganga nagtancgtc agatgnctct tgncgancct nnnctcngtt gnacatngcc 180  
 tatnctcctt tnagatntan atgganattt gcttatgact tgtgttgnat aacgaggtan 240  
 aaanattgct gtcttctctg acatncctcc tcaaaganat cattaatgta tgatatctaa 300  
 taaaccanct antgcatgta acagtgatca gcaaattaat anatananacc tctattcatg 360  
 cttaaattat caaagntagt atttnaatga natgtgctat tttcattaaa atntntggca 420  
 ccatcgagna tganacttac caattgcanc nnaggnantg agccctnacn c 471

<210> 4429  
 <211> 976  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(976)  
 <223> n = A,T,C or G

<400> 4429  
 nggggtataa annnnnntttt nngaatacag ctacttggtc tttttgcagg atcccatcga 60  
 ttcgcannng ngcncgnnat ntgntngncn atngaactgn cnnngcacat caatatnngt 120  
 gggnttncnc natctntcat nnantgtgna anacagatct gacttggtta tgttngagtg 180  
 accctganca atgnnnnag acggntaggg gtacacggag cacacattcg tcacaaattc 240  
 tatnggtgca tnttttgcaa gggncgtttc caggggtgctt attancgann gcaaagggtta 300  
 cttggcaatt gcaagatttt ncaatgagcc ccaagnaatt cntngancga attgcattgg 360  
 caccccaagg ttttaggaaa agatnngnaa anccanttac cttcnaattt ccaaccttgn 420  
 nattttgacc ttggantggg ttttaannaan accccagggg agttacccaa cntnngggcg 480  
 antttncnaa agtncccnna tcccttaatt ccaccaanna anggnnttaa aanaatggcc 540  
 taatttcggg cgagttattc gaagaataat cgcttantng tggtncaaaa cttacattac 600  
 tcaatggaaa cattcaccca attttngaaa gggaatcttt aattcggcct ggcattaaat 660  
 ccggagntgt catgggcttt cngaattcaa atgaaannng ttatatctt gggngcaag 720  
 atcananttg acganaccca atggaangat ctactgatag gcangttacc atcactggaa 780  
 tctgntgcca gcatttagcc tggctcaata tctaataaaa tgtcaaggct tttnccttgg 840  
 gaaaacgggt tggcattggg ggagcaactn ggaacaatgc agattcaatc cattaatccc 900  
 ttttctggtg ttcaacaacc aaccattga atccatctgg ggtaagtttt cttgaaacaa 960  
 gtcancngaa ntccn 976

<210> 4430  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 4430  
 tnnnnctttt ctaattgncc cctnattngc nggttccaat nnncaangaa cgatcccatn 60  
 gattcgaatt cggcacgagg tttttttttt ttttttttcc agttccagtt ccacttttctt 120

tttattttaa	taaccgaagc	aaacccgtg	gcacagcaga	gggaagctgg	gttggcgt	180
gtganangtg	gcagcagtn	gggatgg	ggggactang	tcacagtga	ctacac	240
gcctntcagg	ttcagcagtc	atggccatag	gattgggagc	actacggagg	agccatcagt	300
tagtgatgtc	tctccaagtc	ccanagacct	tagggacggg	agctaagtca	gtccctcaa	360
gtagcagggc	cagggcatcc	cagtcagggg	tcacggggcc	cgggaaggcat	tttcagcagc	420
cccagcggct	gcattggcag	ctgcggttcg	caccncangg	ttggagaaga	caccancagc	480
aaattcttgc	tgggccttct	naaagctggc	acctgtgcgg	cgggtataagg	agtggatccc	540
gtttcagcat	gacaattcct	agcacagcaa	tgccantgaa	gagcagggcg	accagcacat	600
gagcaccgat	actgcttgtg	ttgcccttcg	gcaccaccan	agcagaatat	ccaccctgaa	660
tnccaacctg	ggatncaatg	gcctgaggac	aangacacat	tctggacgaa	gaaatganaa	720
naaaacnaga	aatttgatga	actgtactnc	ggaaagcctt	tacat		765

<210> 4431

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 4431						60						
gcttcaatnc	tttcta	atnc	ttggct	accg	gntttc	tgca	ggatcc	ctcg	attcga	attc	120	
ggcacgagag	aaaaaca	aca	gagagaaa	aaa	gaatac	ctga	gatatg	taga	agcttt	acga	180	
gcccaa	atcc	aggaga	aaaat	gcagct	gtat	aatatt	actt	tacctc	act	atgctg	ttgt	240
ggtcctgatt	tttggg	atgc	tcac	ctgat	acctgt	gcc	acaact	gtat	tttctata	aaa	300	
aaccacagag	catata	ctcg	ggcact	acat	tcattc	atca	attcct	gtga	tgccct	ggg	360	
ggtaattcaa	ctcttc	gagt	cgca	attcat	aatttt	gctt	ctgcac	acag	gcggact	ttg	420	
aaaaatctat	aataaga	atc	tgaa	attaac	tggtag	tatt	ttggct	ttta	cttaaa	atca	480	
tccctgagag	agtatt	ttaa	gaaa	agctgt	tcaagt	tata	aaatat	ataa	tctggaa	aga	540	
aatactgtct	catata	aataa	ttag	attgta	atcatt	gnnt	taatct	ctgt	ctggga	acca	600	
agattgaaag	ctgact	tact	tctctc	ttct	gtcttg	tga	ccatac	ggag	cctatt	attt	660	
taaaatatga	tcagacc	agt	aaggct	ttctc	ttacttt	gct	ctggct	ctgg	atcagga	aga	720	
gctcatgtga	aagtct	ttga	gaatct	ctta	tttatc	atct	ttctaaa	act	gngtttt	tga	739	
gcctggacag	tnctgaaa											

<210> 4432

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4432						60						
tatctttt	nct	aaaang	nccg	taantg	cntg	gtttta	aatn	ccttgg	aang	ctnacn	tgcg	120
ttncgn	nattg	ggagn	caggc	ctcat	cagga	ccctgn	tgac	tcgngg	cgcg	ggagct	ggna	180
gccagg	ctct	ncngc	ccttt	ctctg	gcttc	cttggnt	ngc	ctgntg	gggg	aaggg	nagga	240
ggagatta	aag	gaaang	naag	atgtt	ccacn	ntagant	gat	gaggt	ctacc	ggtnc	aagac	300
catcnc	ttaa	nacgag	nac	ccnanc	ctnt	gcctnn	ncga	aatgtn	anct	cctnn	cactn	360
ggcnc	nagt	tatnag	cccc	tcnga	annnt	gtnac	agccg	gacgt	cttan	tncnt	tctgc	420
tcaang	atgc	tcnaac	ncan	ncttn	nattn	ggttn	gcnga	nnntg	cggga	tnncng	cncn	480
natacn	nnnc	attgn	ntncn	cttaant	gg	tctnt	gncc	cccttt	naat	ccctt	ccant	540
ttgaant	cct	tntgt	ggntt	anaac	gnntt	nnnga	aattaa	tancnn	ncnt	atacc	attan	

antatttgga	cacnccttgn	ntt	gaaan	ttncactgg	gacttttggt	nat	taaaa	600
ggntatntnt	tatatnncn	ctt	tattg	gggcncnaat	tcgtatttan	ag	taaaa	660
ctcnccttc	tattntatan	accnctncn	ntattntant	ctncccaaan	tttatataac			720
gncnaancct	atcatntatt	tctngcgcat	ttccnngatt	ttnnataanc	atntntcatn			780
gggttataaa	ncctnnngntn	aantgtnnnt	ntctntncna	nnnttntnt	nntaattttc			840
aantgtaccc	natnatnnnn	ncnaanaacc	ttntgttnac	cengtttcna	nancnntttt			900
tgnntcccat	ttanctcann	nggncttcnn	ttaancannc	ctgggggnnta	atntnnggga			960
nnnctattt	ntntgatntt	taaatagtat	antngnataa	caannt				1006

<210> 4433  
 <211> 474  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(474)  
 <223> n = A,T,C or G

<400> 4433								60
nanccttaca	agctacttgt	tctttgtgca	ggatcccatc	gattcgaatt	cggcagcagg			120
aaangncnag	cantgangaa	tgtnttttgg	ntttggagcc	acattanac	ngnaancctc			180
atgactatat	ccantgtncn	ctcccancag	canatngang	ncatgcatgc	ctcttttct			240
aactananan	anaacnntgg	gctcnngann	ctgngttaca	tccannngc	tttnatattg			300
cctcatggat	tcattggaaa	tacacgtgna	tacacaaant	cccanatnng	tcttgcattn			360
tattttngan	gcnnngcttct	ncaatannca	nntntctntn	ntnaaagatt	atttgangna			420
acctaaggtc	cgtgagctcg	tnctntaact	tattgatgac	nnataagnnc	agcattttcn			474
ntencactgt	cntnannnac	ctgntggnat	cagcntcant	gtctnggtng	nacg			

<210> 4434  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 4434								60
tnnnnttttg	aaantttttg	aaatcnctgg	nttctaant	tnggcacgat	cccatcgatt			120
cggggatggg	cctatgattg	ttcatgatga	gcattggagga	gtgtcggcag	gaactttctg			180
tgtcttgaca	acccttatgc	accaactaga	aaaagaaaat	tccgtggatg	tttaccagg			240
agccaagatg	atcaatctga	tgaggccagg	agtctttgct	gacattgagc	agtatcagtt			300
tctctacaaa	gtgacctca	gccttgtgag	cacaaggcag	gaagagaatc	catccacctc			360
tctggacagt	aatggtgcag	cattgcctga	tggaaatata	gctgagagct	tagagtcttt			420
agtttaacac	agaaaggggt	gggggaactc	acatctgagc	attgttttcc	tcttctctaaa			480
attaggcagg	aaaatcagtc	tagttctggt	atctgttgat	ttcccatcac	ctgacagtaa			540
ctttcatgac	ataggattct	gccgccaaat	ttatatcatt	aacaatgtgt	gcctttttgc			600
aagacttgta	atttacttat	tatgtttgaa	ctaaaatgat	tgaattttac	agtatttcta			660
agaatggaat	tgtggtattt	ttttctgtat	tgatttttaac	agaaaatttc	aatttataga			720
ggtttaggaat	tccaaactac	agaaaatgtt	tggttttagt	gtcaaatttt	tagctgnatt			764
tgtagcaatt	atcaggtttg	ctagaaatat	aacttttaat	cagt				

<210> 4435  
 <211> 747  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4435

gnttcaannc	ntttccaaat	ncttggctct	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatcgcg	cacttttttg	atcggcattct	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtgatac	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcacaactg	aaacagcttc	aggcagaaac	300
agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatattt	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgcctgg	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctgggt	ggtttcttta	atcaccccca	720
aaggtcgcga	taatanttat	ttgcccc				747

<210> 4436

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4436

gnttcaannc	ntttccaaat	ncttggctct	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatcgcg	cacttttttg	atcggcattct	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtgatac	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcacaactg	aaacagcttc	aggcagaaac	300
agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatattt	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgcctgg	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctgggt	ggtttcttta	atcaccccca	720
aaggtcgcga	taatanttat	ttgcccc				747

<210> 4437

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4437  
 gnttaatgcc tttcnattgc tttctctcg atcttttctgc aggatcccat cgggggtc 60  
 ctacccaaac ctgtggccgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt 120  
 taaataatgt gctgaataag ctacgcaact aaaaaccatt acccaagaac gtttcttggtg 180  
 agtgagctga tttattctga ttcattatat tctttttggt agattttata ccccttgggg 240  
 aaataataca acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga 300  
 ggccagatgg tcagatatga tttctgcaaa cccatcttga ccttgagtat gtgaaggggt 360  
 actgtacttt attcctgata cattttggtt tccatgtagg tgttgagctc ctggntttct 420  
 gtgtttggat gatgaagatt tggacccttc cattcataat ccctttctaa gtgaagggag 480  
 aggtctggctt ggctgntcct tgntattccg aaagccctgg tttggggccc atgttcacac 540  
 tggctctcag tctagtcagg tgcaatgttc ttgagagggtg gggacctaata tattaccaga 600  
 gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt 660  
 ctacctgaaa aaangnanan gnnccctnnct tgattanctt cntaatcctt nnnnatnnaa 720  
 ncnnctctna annantttaa t 741

<210> 4438  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 4438  
 gggtanttcn tttcctttca atccttggct acttgttctt tctgcaggat cccatcgatt 60  
 cgaattcnnn ncgnggaggg ctncgcggca tctggnnncn ttgnnatctg nttngcngnt 120  
 ngagcgatnn tcggctgttg tggacacgcn tttnangett ctgttgtgca tntannttga 180  
 ttcacatngn cttacacant gcctggangc tgtctnntag gctaatagca cttncacatt 240  
 gggagataca cctgctgata gtggnnnatn gacnncetga nttangtgn tggannngat 300  
 nngtnntttt annngntggn nnaaactnnt cntattcnncn tgatgnnact ttggatcnca 360  
 ctncctgaggg anactngtna tggagcnanc tngggcnggn gnaccnctt ntttttagaa 420  
 natgaaatca tacatctgng ngnttcagtg nttnnctgga tatcngctc tgnnttantn 480  
 acttccaccc anagcatnat angacctcng acttanccng ngtcnnagcc ttctganatn 540  
 nggntctgaa gnctgntngg ctnccttann nnnccctntt gagnetnatg atnnaacncg 600  
 gctttgggng gttccactg atntgacact gnctangcaa gatncccaan gatggcgant 660  
 cntcttgcaa tttgggaagg aantccttt tntncngctt gntagnatng ccttnnnnat 720  
 aaccttgctt tgaantttnt taaccccnnt aatccagntt ngannttgct ttaggtaaaa 780  
 nccaattgca ntcgnnanan ancg 804

<210> 4439  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 4439  
 gnnnnnnntt ccccttttcta atcncttggga nntcgctctn tntgnangat cccatngatt 60  
 cgaattcggc acgagagaaa cacaggtgtc gtgaaaacta cccctaaaag ccaanatggg 120  
 aaaggaaaag actcatatca acattgtcgt cattggacac gtanattcng gcaagtcac 180  
 cactactggc catctgatct ataaatnngg tggnnctgac aaaagaacca ttgaaaaatt 240  
 tganaaggag gctgctgaga tgggaaaggg ctcttcaag tntgcctggg tcttgataa 300



actgaaagct	gagcgtgaac	gtcattcac	cattgatata	tccttgtgga	aattgagac	360
cagcaagtac	tatgtgacta	tcaatgatgc	cccaggacac	agagacttta	tcaatgacat	420
gattacaggg	acatctcagg	ctgactgtgc	tgncctgatt	gttgctgctg	gtgtnggtga	480
atttgaagct	ggtatctnca	agaatgggca	nacccnaaag	catgcncttn	tggcntacac	540
actgggtgtg	aaacaactaa	ttgtcggngt	taacaaaatg	gattcacttg	accaccctan	600
agggcngaag	agatattgan	gaaattgtta	aagggaagtc	gcacttncat	taagaaaatt	660
ggcctacaaa	tccnnganac	aataancatt	tgtgccaat	tnnggggttg	gaatgggtga	720
ccaacattgc	ttggagccca	agtgnntaac	aatgccttng	gttnaaagg	antggaaaag	780
ttacc						785

<210> 4440

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4440						
ngatatcggt	cgctgagggg	ccaagtggga	ggcctngnna	ggtgtggagg	tggattccgc	60
tccgggcacc	gatctcgcca	agatcctnag	tgacatgcga	anccaatatg	aggncatggc	120
cgagcagaac	cggaaggatg	ctgaagcctg	gttcaccagc	cggactgaag	aattgaaccg	180
ggaggtcgct	ggccacacgg	agcagctnca	gatgagcang	tccgaggtta	ctgacctgcy	240
gngcaccctt	cagggctctt	agattgagct	gcantcacag	ctgagcatga	aagctncctt	300
ggaagacaca	ctggcagaaa	cggaggcgcg	ctttggagcc	nagctggcgc	atattcaggg	360
gctgatcagc	ggtatttgaa	gcccacttg	ggcgatgtgc	gaagctgana	gtgaacgggc	420
agaatcagga	gtaccagcgg	ctcatggaca	tcaagtcgcy	gctggagcan	gagantgcca	480
cctaccgcga	gcctgcttag	ggacagggaa	gatcactaca	caatttgtct	gctcaaggtc	540
tctgaggcag	cagctctggg	gcttttggtg	tccttggagg	tgttttctgg	tagagggatg	600
ggaaggaang	gacccttacc	ccgggttttt	cttgactgca	ataaaaattat	tgggcaagga	660
aaaaaaaaaa	aaaaactcca	gccttanaac	tatanngngt	cggnttctta	aatccagaca	720
tganaanana	nattnttngt	ttggacaaac	ccaacttnaa	tgcnatggaa	aaaatnnttt	780
tttttnnaa						789

<210> 4441

<211> 1450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1450)

<223> n = A,T,C or G

<400> 4441						
ggnnnnncnc	ntttttncen	cncceccct	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	ccccccccc	cnttttgcn	aaaaacccc	cttttggcna	aaaaaacccc	120
cttttgggga	aaaaaaancn	ttncncnncn	cnnccanacn	gnnnnnnncn	cccgannaan	180
naggnnnncn	nannnannnn	nnnngannan	nnnccncnnc	attatttttn	nnnnnncnna	240
nnngnnnnan	annnncnann	aaannannna	nnnncnnttn	annnnnannc	annnncnag	300
nagnnnnnnn	ncannanaan	nnnngnnnnn	nanaancaac	nanaannngn	gngggnannn	360
annnnnnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngnccnnan	nannanannn	ganannannaa	naccaannnn	nnnancnnaa	nncannannn	480
ncnngaggnc	ccccncnca	ccanancaga	aagaagacan	ganannnnan	ccagaangan	540
cncanannac	aaanacaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600

nnnnncaaac	anaaaannngc	na	agga	cganngcgac	aaacnacncc	nacatana	660
caacanacaa	nacanacnaa	ca	annc	naacannaaa	cagaacaaga	cnacaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac		780
anaacanana	cnanagnnna	aaaangaagc	aaanacgana	cnnanannng	aagnanncac		840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac		900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac		960
acacacacan	nngnganaaa	canaccgnaa	acaanacang	ncaaacgnan	acnaagcaca		1020
nnncnnacaa	gcgacnngng	aaagacaacg	acacancaga	nnacgacgaa	nngancaang		1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa		1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa		1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac		1260
gncgnananc	acgccacaca	ncnaacanta	aannnggann	nagacancng	gnggagantc		1320
gacanngnga	cacagaacac	anacnncann	ancaccnnnc	ganacaaçaa	cnagcgnaca		1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnacccnc		1440
gaccccaacn							1450

<210> 4442

<211> 1450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1450)

<223> n = A,T,C or G

<400> 4442

ggnnnnnncnc	nnttttnccn	cncccccct	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	cccccccc	cnttttgcn	aaaaaccccc	cttttgcn	aaaaaccccc	120
cttttgggga	aaaaaaancn	ttncncncn	cnccanacn	gnnnnnncan	cccgannaan	180
naggnnnncan	nannnnnnnn	nnnngannan	nnnnccncnn	attatttttn	nnnnnncnna	240
nnngnnnnan	annnncnann	aaannannna	nnnncnnttn	annnnnannc	annnncnag	300
nagngnnnnn	ncannanaan	nnnngnnnnn	nanaancaac	nanaannngn	gngggnannn	360
annnnnnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngncnnan	nannanannn	ganannnaa	naccaannnn	nnnancnnaa	nncannannn	480
ncnngaggnc	ccccncnc	ccanancaga	aagaagacan	ganannnnan	ccagaangan	540
cncanannac	aaanacaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnaaaa	600
nnnnncaaac	anaaaannngc	nanacnagga	cganngcgac	aaacnacncc	nagacatana	660
caacanacaa	nacanacnaa	canaaanann	naacannaaa	cagaacaaga	cncagnacga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac	780
anaacanana	cnanagnnna	aaaangaagc	aaanacgana	cnnanannng	aagnanncac	840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac	960
acacacacan	nngnganaaa	canaccgnaa	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgacnngng	aaagacaacg	acacancaga	nnacgacgaa	nngancaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannnggann	nagacancng	gnggagantc	1320
gacanngnga	cacagaacac	anacnncann	ancaccnnnc	ganacaaçaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnacccnc	1440
gaccccaacn						1450

<210> 4443

<211> 775

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 4443  
 ccttggnnag nngccccctt naaanccttt gaaaaccctt ggcaaangcc ctnnncngnnn 60  
 gatcccatcg attcgaattc ggacgaggag aggatcactt gagcttagga gttcaaattcc 120  
 agcctgagcc aacataacaa gactttgtct ctaaacaaaa cagttattgt ttaaagaatc 180  
 tgaaatcttc atctttaatt caggtagcac cgactcgagc ccaagtttgt ttgatatcca 240  
 gttccaagtc tggagagagg catctntatc ttattaaagt atcgagagac aaaatatcag 300  
 acagcaatga ccaagagtca gcaaattgtg atgcaaaagg gctatcaaag ggaggctttt 360  
 tacagagaac taaggaagag aaggaggttg ttaaagagac ttgagatcag aaaaagatca 420  
 agaacaactt gaatctcaaa gtatgaattt gaagtatttt gctgagcaaa catttgaatg 480  
 cctgtatgta ccgtaatcct ctatcactgg ggtccccaac cccggtacca gcccgtggcc 540  
 tgctagggac tgggcccgcg cagcaggagg tgagcagngg gtgggcaagc cgaccattcc 600  
 cacctgagct tncctctcct gtcagatcag cancagcggt agattctcat aggagtgcaa 660  
 ccctattgta aactgccatg cnagggatct aggttgacag ctccttatga ggaattgaat 720  
 gccctgatga acttgnact gncttccatc acccccagaa ngganctggc taacc 775

<210> 4444  
 <211> 799  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(799)  
 <223> n = A,T,C or G

<400> 4444  
 ntcnannngn gtccttggcc cttgctnttt ntgcaggatc ccatcgattc gccaacgagt 60  
 accagctgat tgactgtgcc cagtacttcc tggacaagat cgacgtgatc aagcaggctg 120  
 actatgtgcc gagcgatcag gacctgcttc gctgccgtgt cctgacttct ggaatctttg 180  
 agaccaagtt ccaggtggac aaagtcaact tccacatggt tgacgtgggt ggccagcgcg 240  
 atgaacgccg caagtggatc cagtgtctca acgatgtgac tgccatcatc ttcgtggtgg 300  
 ccagcagcag ctacaacatg gtcattccggg aggacaacca gaccaaccgc ctgcaggagg 360  
 ctctgaacct cttcaagagc atctggaaca acagatggct gcgcaccatc tctgtgatcc 420  
 tgttcctcaa caagcaagat ctgctcgctg agaaagtcct tgctgggaaa tcgaagattg 480  
 aggactactt tccagaattt gctcgctaca ctactcctga ggatgctact cccgaacccc 540  
 ggagaggacc cagcgtgac ccgggccaaa gtacttcatt tcgagaatga agtttcttga 600  
 nggatcaagc acttgccagt nggaaaatng ggccgtnact tactggttac cccttcattt 660  
 tnaacctncg cttgtnggga acaacttggg gaaacaattc cgnccgtngt gggttcaaaa 720  
 cggaactggg ccnnggaca attnanttta agcgggcaat ggccaccctt ttgggtcaan 780  
 gtncnaagc ctggttttt 799

<210> 4445  
 <211> 890  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(890)  
 <223> n = A,T,C or G

<400> 4445

gaaaggggag	ngnanntttt	naa	cggt	ctaagtntgg	agcacgannc	ta	agcgg	60
gttnggcacg	aggctgnanc	tgc	gtggg	caccacgggn	acactgtctt	cc	acctg	120
ngggcccaga	nnggctgggt	gacgggnctt	cctaacagag	tacgcggggc	cccttttcat			180
ntacctgctc	ttctacttcc	gagtgcctt	catctatggc	cacaaatatg	actctacngt			240
ccagtcggca	tacagtgggtg	cacctgcct	gcattctgtca	ctcattccac	tacatnaagc			300
acccggaata	nagcccgtg	ccccagtcgg	aaaaaaanaa	aatnaanann	atanccctnna			360
tgnataanca	aaacttgngc	ctnttaaanc	ttagtgagtc	ngaattacnt	naaatccaga			420
ccatgatnga	gatcccattg	atgaagttn	gnacaagccc	ncancttaga	aatgcnangg			480
aaaaaaaaat	tgctttaatt	ntgttgaaaa	tnngcnga	gcncatnngc	ctttantntg			540
ntnacgcnat	tattnaagcc	tngntantta	acccaangta	tatccacca	acaaaatggc			600
atancaattn	tatanggttn	nanngctntc	agngngcggn	aggttgctnt	ganagnggnt			660
nttcnnaatt	ncctncggga	nctgagngag	ccccaaatag	cntttggggg	tcccnggntc			720
acctcanacn	ttncgggata	tannccntac	gnaannanng	gggtctaaan	ttgggcncca			780
ccttgngngc	gnnnaaantc	tnnnngggnt	cnaataannc	ttntntntc	ntnnngngtt			840
naanaatntg	nanatatacn	cncgtataca	tanacanntc	tcnctgnccg				890

<210> 4446

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4446

nnntgnnnn	nnnttttnnn	nngngcnttt	tatagncngc	tcttgttctt	tttgcaggat	60
cccatcgatt	cgcagcaggn	ttgccnngtg	gctgntatgg	catctatann	antttcaggg	120
ttncentaac	cnngggncct	ntgcnnntgan	tgacngtggg	natcntgtng	tggttaangan	180
cncaggacnc	nttgnatntn	ntggaaacaa	atggnaacan	anngtatect	ctnnggatac	240
tggtcnccca	nntggnttaa	cacaggtanc	agctgctcan	nttnacctga	gggatccaga	300
ggcnnttgtc	aaactagcta	ttcatggcat	gctgccaaana	aaccttcaca	gaggaccaat	360
gatggaaagg	ntgcatcttt	ttccagatnc	tntattccag	aanatntnct	nangaatntn	420
cnagangagc	ttntctcaanc	ncgaaaanta	cctaaacgtn	tanatgagtn	acacacgaag	480
aaatggacgc	cttcccaaga	ttgtggactc	cacctgaacna	ttatcggcta	tangagagta	540
anacttgnac	anaataacag	tgaagtgatt	gaaactttct	tctgangagt	ttctctacct	600
acaggatgga	gttaaact	gntacagntc	acacctgttt	tatgtgcnga	atcactgtgg	660
ggaaaggtag	tgacgtgtan	nncttcaata	ggaanattgga	ttgaaatntc	actttattga	720
accattttta	tgtnatctga					740

<210> 4447

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1221)

<223> n = A,T,C or G

<400> 4447

anggccanng	nnttttttcc	caaaaagngg	ccccncttt	ttccnaaaaa	cccccttttt	60
gccaaaaaan	ncgccttttg	gggccaaaaan	anntgccccg	cnngnncnnn	ggttttggnn	120
cncnnaaaan	nnnnncccc	ncnnannnnn	cncnnnnncn	ncnnnnnnnn	nnnnnnnnnn	180
cannanncnn	nnnnnnnnnn	ngnnnnnnan	acnnnnnnnc	tttttnnnnc	nnnnangnnn	240
gnngggnnna	annnnnnnnn	cgngngngca	nnnnnnnnng	ggggnanann	ncaannngann	300

ggncncncnn	nagacaacnn	nnnnnana	nnananacna	annncncnnn	nnnnnaang	360
nnncncnnnn	annannncna	nnnnngnc	ccccccncc	nccngncnnn	gnnnncaan	420
acntnancn	nnnggnannn	antncgagan	tgncnnaatn	anngccncac	annaagncca	480
naaccacaat	ncnnnanaac	tntctnnnatn	ngaanacanc	cagancccaa	anaccnngnn	540
aacacnnaan	nanaacccan	ctnnaagnna	cgccagnngn	anncaccaan	acncncaann	600
nccagnnnna	ccnaacacca	cgcannncct	naanacanac	nananncaaa	ncnatngncn	660
cacgagtng	taacnncnna	accnacnaac	acncagncgn	ncanacncnc	nannnncatn	720
accnacacnn	cnncgnaaan	acngacnaac	aaatcnaana	agcncnnnna	ntnnancaa	780
nanatncnan	cnnnagacn	tananantan	ccacnnnana	cacacacncg	acgagncaac	840
aacnaccatn	ncnngcacgn	accnncngtc	tnnncacaan	acactannca	nccacccgna	900
aagaagaaac	tanccaaann	tnnagancn	acctctnnaa	gnnccgcnag	annacnannc	960
acgncccaan	tnacaccnna	cnnccnnaca	cncnaacgtn	ccannacata	acnngaacca	1020
naccacngca	ngaannnnac	annncaagnn	annacancan	ancnnggaac	nnnagcgnccg	1080
ancanccnac	gncgcaannc	gacanaagnt	anagaagaac	nacnaaacnn	annncaaan	1140
naannaaacc	taccagann	gttnacacna	cacantncnn	cnnacgagcc	gcatnnnncn	1200
ananacgacg	gacancaacc	c				1221

<210> 4448  
 <211> 910  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(910)  
 <223> n = A,T,C or G

<400> 4448						60
gnnnntttcaa	atagctaggg	tactngttct	ttttgcaggg	atcccatcga	ttcgtgttaa	120
tcgtgtgggtg	ataatcctgt	cctcctttta	aagcgaattc	tctactgaaa	ggtctgctct	180
gcttaaggag	ctacaaactg	ctctcaaaag	aatgaaatac	tgagttccaa	ttcagtggag	240
cacagtgttg	gactatggca	catttagttg	gagtcggggg	gaggtcagga	atatgatcag	300
ataatggatt	ttatacctta	gagcaaaatc	tattagtctc	tctcagttta	tcaattttaa	360
tggtcttagg	cttatagggg	gtgtaaaact	taagaatata	attctcccat	tcaagtttac	420
agcaaacatc	tagccacctt	caaaacaaag	aatatacaga	ccatcattta	gcaatactaa	480
tacatgattt	tccttgggga	tggcaggttt	gagaatcctt	tagcaacagg	acatactttc	540
cctaaattan	cnnnggaatt	atTTTTTTT	ccgggggtta	aagcttttca	ggntnccaaa	600
ncttaaaggt	gggggttgct	ttaaccaacc	taaaaaaact	tnntcacctt	aaaattcttc	660
aaaaggaaga	aaaagttnc	ttggccaaaa	atTTTggtta	aaagtttcca	ccaaangggg	720
ggcaaaaacc	atTTTTTccc	ctttcctttt	aanggccntt	ttnaatcctt	aaagggaaaa	780
ggggccttnt	ttgaaaaaac	ttgggggccc	ccaatctggg	tanttaccaa	gggccttcca	840
aaaattttac	ccgttttttt	tnaaaanggg	aaaggaaaat	cttnttgncc	aacctttnaa	900
gggcntttat	ttggccaggg	gaaaaatacc	cttcnatttt	nggggnantgg	ttaaaaaaan	960
ttttatttgg						

<210> 4449  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 4449						60
gnnttttnnan	nncngnttt	ctaattcctt	tcnaatnctt	tgnnancgtt	ctntatgcan	

gacccatcga	ttcgggaatc	tc	aaaa	gttgtgattt	tcgagccata	tc	ctgtg	120
gtagatccta	atgatcctca	na	ggcc	ttcaacccca	ggaaaaagaa	ct	atcga	180
gtaatgaaag	cactggatag	cataacttct	atcagcnaaa	tgacacaagc	accatatctg			240
gaaatcaaga	agcaaatgga	taaacaggac	ccccttgctc	atcccttact	gcaatgggtt			300
atatcaagta	atagatcaca	tattgtgaaa	ctgccagtta	acaggcaatt	gaagtttatg			360
catactccac	atcagttcct	tcttctcagc	agtccaccag	ccaaagaatc	caattttaga			420
gctgctaaaa	aactcttttg	aagcaccttt	gcatttcatg	gctcacacat	tgaaaactgg			480
cactccatcc	tgaggaatgg	tctggttggt	gcttctaata	cacgattgca	gctccatggt			540
gcaatgtatg	gaagtggaa	ctatcttagt	ccaatgtcaa	gcatatcatt	tggtactcag			600
ggatgaacaa	gaaacagaag	gtgtcagcca	aggacgagcc	agcttcaagc	agtaaaagca			660
gcaaatacat	cacagtcacn	ggaaaaaagg	acagcaatcc	caatttcctgc	caaagccgta			720
acttaaaatg	catagnccct	atgtgaaagg	gatcaccttc	atctggacct	gcacaaacat			780
ggc								783

<210> 4450

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4450

gntnngnnnc	cnttnnagg	gggtntaatg	cngctctggt	cttttgcagg	atccctcgat	60
tcgaattcgg	cacgaggaat	acctcaaacg	tctaccatta	cngtggggta	gantttagcc	120
cacntntgcc	tttncancnt	angggttntt	cntaagaaga	antactttga	ttctgaactt	180
gagcttatga	catacattaa	tgaaaactgg	gatagattgc	accctggaga	gctggcngac	240
acacccaaat	ctgaaagata	tgagcatggt	ctggaggcat	taaatgatta	caagaccatg	300
tttatgtctg	ggaaagaaat	acaagaanaa	gaagcatttg	tttgggttgc	gaattcgtgt	360
tcctcctgtg	ccaccaaagt	tggctttcaa	agcagagaaa	gaacctgaag	gaacatctca	420
tgaattttaa	attaaaggca	gaaaggcatc	caaacctata	tctgattcaa	gggaagtaaa	480
gcaatggcat	ataaaaaaaaa	ggaaagaaaa	aatctgtagg	tcgtccacct	ggcccatata	540
caagaaaaat	gattcaaaaa	actgctgagc	cacttttgga	taaaggaatc	aatttcagag	600
aatcctactt	ttggatttac	cttggnctat	agggagaact	gagggaactg	ccattcatcc	660
agtacctcag	atgtgggatt	ttacnggtgc	ttncagtgc	aaaagaaact	accttcgcta	720
gcattttcng	gccattatga	ttattn				746

<210> 4451

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4451

gaccnatcgg	ttngngagac	ngcctnccnn	tennnengcn	tctgnnggnt	gntnttttga	60
cacgggtctn	ngtgaaagta	cncacncact	cacacgnnaa	tgggcattgc	acccactcc	120
tgctcaaagn	gctgnacgcn	gtcatngta	gaattnctgt	acgcctgnnc	tctgnccent	180
anngcngant	gggccacnnn	tntntatgan	cgcgacacca	angtgagtct	gacctttctg	240
acttgannna	caangtttgn	gggggctgnc	attcgtgntt	tnngngcnct	tnnaancatn	300
ataggaganc	ntnatnnncg	actgggaacn	nnctnnacac	atnctatctg	ngaantcatg	360
gggatcatng	gaggaaaccc	ttgtgctcga	aaataacgtg	ngtcaaacat	gcactcatgn	420

gncnngcnn accacnctn gn	ttcc	tacctaaggt	ataccatggn	at	actt	480
acngtaattn tgcaaagtng gc	atnt	tctcanancg	gagcctaacn	gn	atna	540
aaggtntttc atnncagg	ncttgtaat	atnggcnaaa	tntggcnaac	aagnggttga		600
ctcactttaa aaggtgnaat	aagattttcc	ncattnttn	aaaaggaacc	tggnngaaaa		660
agntaagggc caaanccttt	aagnccttt	ncnggnaang	gtttggccaa	atccggggtt		720
ggngggnncc aanaatgntt	ttcaggagga	tngggnaaac	ttttttct			769

<210> 4452  
 <211> 1366  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1366)  
 <223> n = A,T,C or G

<400> 4452						
ananaanann annnnnnnaa	ggnaanana	nnnnnannnn	naanangnaa	ananaanann		60
tnnanaannn aagngnttc	nanncttttc	aaagcttgga	aaacgcannc	aannnnnggg		120
aaagcaagaa agaacagcta	aagnnngncn	cagaganagc	ttttangang	tntangaaga		180
aggaatannn gnggnaata	nnnnannnn	ngaaantatc	atganacnca	aatganggan		240
aaggcagcac aagctgngca	aacagctatn	gngacggggg	ggccgggaga	gnctaaangn		300
cananatnca atatataagg	actgcatgcn	aagggatacn	aaacaagnan	actnntctag		360
gaagaaataa ntnttgacnt	ancnnacntt	cataacgaat	agcaccgtag	atcgagncaa		420
ccaactaana ggnctaagga	aatggcaaan	nacnttaatn	nntgagcnaa	ggaagggngt		480
atngnccnan annгааatgc	ntcntaacca	anttttaatn	gtaacggnat	nangatnaan		540
ncntnanccc acgcaactca	aaaanattac	attanntaaa	aaaganctat	ancaaaaacta		600
gtnttcaaaa tngnacgagn	aatgggnaa	nantttntnn	ccgggaaaat	tggnagagat		660
ccanaaacac tggntnagg	naatanatgn	ccgcccnaaa	aaaccntnac	cataggnatn		720
ggctancata gangagatat	ancnatnagg	ggatcaanan	cntaggnatt	ngaaaantaa		780
ncgagttaaa acancnagat	nnggnantac	gaganatagc	ttggacngt	atcaaatecg		840
accctnggat gggcntangg	aaaaanaaaa	aggntngagn	gaanttcctc	anaggaanng		900
tganagagcn aaanaanatn	aagggccttg	gngaaaangg	aaaaacagat	agngtcatnc		960
nataatnctn natgananan	tgggnaatn	taatctacnn	tanatnnggg	ggaaaaaaat		1020
cnnncatgac nnnaaaanga	gntaatgna	nnatgagaga	ttaaaccnnat	aaaacnagag		1080
aannttgngn aaanctgnga	gataaaaaat	aaataaattc	tntntggaac	atntanaccn		1140
tctatnnaaa aaaaagagg	gaaaccatct	ngattatgca	cananaaatn	tnacntngng		1200
gaaataaatn ggnacaata	acatatatgn	ggatgtacan	tnntggncng	aaaaactata		1260
caacntgaga nnnnacnang	atataaagcn	nnaggnagtn	tatangggca	tcatacaang		1320
gaagntataa agcaactgna	nnctcatata	naaaactgnn	cnncaa			1366

<210> 4453  
 <211> 852  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(852)  
 <223> n = A,T,C or G

<400> 4453						
tgatcctcag gcnnctggga	tgacacgtna	ancatagaag	ctggaggagg	nggncncg		60
cttgntcata atttaaaaaa	attaaaanaa	cgcaacagcc	gcttttctta	atccatatcc		120
cttttaanac acagaggcng	gtaatnagtg	naatagaaga	atgntnttgt	ntcttcctac		180
ggtgacngtt nttatncac	nggnttcttt	agcaggactg	ttctactcaa	cctctgtgga		240

anaaaactnt	ccncagggt	gnacaca	nncagccttt	gcttttacan	ccctcttg	300
cctattacca	taccactgta	tgctcttc	cacctntgga	cnnggatggg	taaaactc	360
ttnaggcatn	antgatgcaa	ctanagtcaa	tatgctgtnt	ntattaatga	gagctcttg	420
gcatccatnt	cntgaaagct	caantggatn	gaattnagnt	ngcggganag	aggctttnt	480
ttgctcatat	nacgctnatg	gactggggna	ggctnaaatt	gcaaagtctg	cttttaattg	540
cnctcttgga	tcnaccatg	aaaaattgga	aggctcttga	cnaataactg	gtggngtcan	600
aaananaaca	tttttgacnc	nggtcatgnt	ntggagaatg	aacatcccta	aatcnaccat	660
gtggaagacc	natttcataa	atncattcnt	ntaanaaaaa	attggnaaat	ctttnttttg	720
ctttggtngg	aacaactttt	aangggcttt	tgngcaaagt	caccatgggt	aangggatgg	780
acttgnaatt	aaattncccn	aaggaattna	anggttgggg	aaataatncc	cctnttaaag	840
ggaaaaaaa	ng					852

<210> 4454  
 <211> 799  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(799)  
 <223> n = A,T,C or G

<400> 4454						
tggtttttnnn	ngnggggggg	ttttctaatt	gcagtcaann	tngntgtcct	anncccgnntn	60
ccncnggncg	cccnaacttg	gaggtggccc	gcttcagac	catggaggag	aagaaagcat	120
tcattnttac	cactgaagaa	agaccgaatt	gcaaaggaag	aaggagctta	atgccaggaa	180
cagattttgc	agttggtggg	gtctcaataa	aagtttggtt	cagtggaaaa	taacttttat	240
tgagacaaaa	aaaaaaaaaa	aaaactcgag	cctctagaac	tatagtgagt	cgtattacgt	300
agatccagac	atgataagat	acattgatga	gtttggacaa	acnacnctn	gaatgcagng	360
aaaaaaatgc	tttatnngtg	aaatttgatg	tgctattgct	ttattngtaa	ccattataag	420
ctgnaatana	caagttanca	ncaacaatng	cattnathtt	atgtttcagg	ttcangggga	480
gggtgtgggag	gtttttttta	ttcncggccg	cgggtgccaat	tgcatgggc	ccggtcccca	540
cnttttgnnc	cccttttagtg	anggtcaatt	ncgcgcttg	ccttatcntg	ggcatagct	600
gtttcctgtg	tnanatnnaa	tgncnttnca	cttttcnnac	aattnaagtn	gcnnnagaaa	660
tccancactg	ncaanttggg	ggcanncaen	gcttgntaaa	tnnggtatht	ttcnaggagc	720
ttttaantan	ntnggntcaa	nggnacaagc	nannttagct	ccatnggctt	ngacctccnt	780
tannaaccaa	aatgnttnn					799

<210> 4455  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 4455						
gnannngccn	cgnttttgat	tccccttntt	caaactcctt	gnnaatcgcc	ctcncgtgtt	60
tgatcccac	cgattcgaat	tcggcacgag	atggcagttg	cttttgaaat	atatgatgnn	120
ttcctccact	acaaaaaggg	gatctaccac	cacactggtc	taagagaccc	tttcaacccc	180
tttgagctga	ctaactcatg	tgttctgctt	gtgggctatc	ngcactgact	cagcctctgg	240
gatggattac	tggattgtta	aaaacagctg	gggcaccggc	tggggtgaga	atggctactt	300
ccggatccgc	agaggaactg	atgagtgtgc	aattgagagc	atagcagtg	cagccacacc	360
aattcctaaa	ttgtagggtg	tgccctccag	tatttcataa	tgatctgcat	cagttgtaaa	420
ggggaattgg	tatattcaca	gactgtagac	tttcagcagc	aatctcagaa	gcttacaat	480



agatttccat gaagatat	gt	agaa ttaaaactgc	ccttaatttt	aat	acctt	540
tcaatcggcc actggccatt	tt	taag tattcaatta	agtgggaatt	tt	gaaga	600
tggtcagcta tgaaagtaat	agagtnttgc	ttaatcattn	ggaattcaaa	catgctatat		660
tttttttaaa aatcaatgtg	aaaacataga	cttattttta	aattgntacc	aattacaata		720
aaaataatgg gcaattaatt	tttnaaaact	ttttaaaata	gnatgctcat	atttttaaaa		780
ataaaanttt tnc						793

<210> 4456  
 <211> 1095  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1095)  
 <223> n = A,T,C or G

<400> 4456						60	
cgnnnat	ttt	nccgcccctc	ctgggaaaat	cnccttgncn	ngtgaaaaaa	cncntgggtg	120
aaaaaccct	tttgcaa	aat	tttcgttgna	aaaannntnc	ccccgannnn	gnntttnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
tttcngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
annnnnnnnnt	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1095

<210> 4457  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 4457						60	
tttnttcctt	cctcta	atcc	ttttan	cgcc	tttctgcagg	atcccatcga	120
gcacgagggg	tctcca	aga	gtttgg	ggcg	cgacn	nnnag	180
cggcgtntgt	agtgtntgtc	atttcgcggt	tcttacaaca	gtacttgagc	tccactccgc		240
agcgtctgaa	gttgctggac	gcgtacctgc	tgtatatact	gctgaccggg	gcgctgcagc		300
acggttactg	tctcctcg	tg	gggac	cttcc	ccttcaactn	ttttctctng	360
cttgtgtggg	tgagtttnat	cctagcgggt	tgctgataa	tacngatcaa	cccacngaac		420
aaagcngatt	tccaaggc	nt	ctgccagag	cnagc	ctttg	ccagc	480
accatcctgc	accttgttgt	natnancnta	gggtg	ntctgaa	tcattctcan	ttncntaatt	

gangagtang	anactaaaag	aaattgact	ctttgaatct	gctggataag	agctngaga	540
tggcagctta	ttggacacat	ggctctctt	cngatntgca	cttactgcta	gcctgctan	600
ctatgcagga	gaaaagccca	tagttactgc	gtgtnacaa	aactntctaa	cnaacattca	660
ttaatccann	nganncttt	caangaatgg	taancctatg	ccnttcaana	tactgaactt	720
nntgccactt	ntggcaaaaa	aaat				744

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<210> 4458
<211> 809
<212> DNA
<213> Homo sapiens
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<220>  
<221> misc_feature  
<222> (1)...(809)  
<223> n = A,T,C or G
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<400> 4458						60
tatcacatat	acacatatgt	gtcccatata	cacatatata	catatgtgta	cccatataca	120
catatacaca	tatgtgtacc	catatacaca	tatacacata	tgtgtaccca	tatacacata	180
tacacatgtg	tacccatata	cacatatata	catgtgtacc	catatacaca	tatacacatg	240
tgtacccata	tacacatata	cacatgtgta	cccatataca	catatacgca	tatgtgtacc	300
catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	360
catatacgca	tatgtgtacc	catatacaca	tatacgcata	tgtgtaccca	tatacacata	420
tacgcatatg	tgtacccata	tacatatata	tacctgtgtc	ctatatatac	acacacacac	480
atatatatat	ctatatacct	acatatatat	acacacatat	atatatacct	ggatcatttt	540
ttaaaatgct	caacagtaca	cacatgtaac	agcatttcag	tcaatggntg	gactgcatat	600
ttgatggtgg	cccataatat	tataacggac	agaaaaattn	caatcaccta	gtgaagcata	660
gcacaatgca	ttaattactc	ttggggttgg	ggggcatggc	tgggtgtaaac	aaacctacca	720
tgctgncagt	nccataaaaca	tatagcatat	atagggtata	tattatactt	naataataac	780
tatggtgntg	gggtaagnat	ttaatgnatt	taccatggnt	ttaaaganaa	ctcctcctac	809
ttttttccaa	aagtactnta	aaacanncn				

```
<210> 4459
<211> 840
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(840)
<223> n = A,T,C or G
```

[illegible]

<210> 4460  
 <211> 980  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(980)  
 <223> n = A,T,C or G

```

<400> 4460
ttcctaattnc tnggctctcg ttctttttgc aggatccctc gattcgaatt cggcacgagg      60
aagccnaatt gaattgtggg aacaggaaca ttcaaaggca tttatggtga atgggcagaa      120
attcatggag tatgtggcag aacaatggga gatgcatcga ttggagaaag agagagccaa      180
gcaggaaaga caactgaaga acagccaggc tggctctgaa ttcttgacct caggtgatcc      240
acctgcttcg gccttccaaa gtgctangat tacagggtgtg agccaccacg cctggctaata      300
tttgnatttt tagtntaaat gggggttntt ncaaagcttg gnctttgaan ttncccaanc      360
ttcangngng aatncccncc ncccttttgg gcttccccc n aaatggcttg nggantttcc      420
annggccntt taagcccaac cnttngcccc cnggnccctg aatngntttt ttttgaaatg      480
gaattttttt taaaaaaatg ggggtttttt cnaggccatt tttaaaaaaa cccntttana      540
acttgatttt ttttaaaatt attattttta aatttccttt ttttaaaaaa ctccaaattt      600
ttaaatgggt taaaatattt taccttggtt anccaccttt aacttaagcc tttttcntgg      660
aaanggtttg ggtccntttg gagaatnaag aatttggaag aaatggacca ggtttngttt      720
ggattttttt tgaagggtta attttaccac caaaatttta aattattatg gtattgtggt      780
accntttgaa aaaaaaaaca tntntannnn cttntntnct ctaannccctn cttntnttat      840
aaaaaaacct ncnnggggcc cttttaaaaa ccttttttgn gggnggtcc ctttttttac      900
cngntanaat nccccnaacc ttngatttan gggnanncc tttgnttgaa atttttgnnc      960
aaaaccccc aatcttttgn
  
```

<210> 4461  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

```

<400> 4461
tgggnnnnnn nagngtnggc ttttcttatt ntggctgtaa ccgntngnag cncgcacnca      60
aannggctgg gncgaattcg gcacgagggt tggaacagca gcactataca tgaaatataa      120
accaaanacc tttactgttt cttaaatttc tagattgcta ttatttggtt gtaagttgag      180
tattccacag aaagtggtaa ttatctcttc tctcttctc cattagaaaa ttaggtaaat      240
aatggattcc tataatggga gcatcaccac ttattaaaac acacatagaa tgatgaatta      300
aaaaagtttt ctaggattgt cttttattct gccacattta ttgataaaca gtgaaggaat      360
ttttaaaaaa tttttaagaa ttgtttgtca cgtcattttt agaaatgttc tacctgtata      420
tggtaatgtc cagtttttaa aatattggac atcttcaatc ttaaacattt ctatttagct      480
gattggttct cacatatact tctaaaagaa acttttatgt tataagaggt actttttgga      540
taagatttat taatctcagt tacctactat tctgacattt taggaaggag gtaattgttt      600
ttaatgatgg ataaacttgt gctgggtgtt tggatcttta tgatgctgag ccattgtctg      660
cactggtgct aatgtctaataa ataatntat atttacacac ataccgtgct acccagagat      720
taatttantic catangaacc attgacccat tgttcattga c
  
```

<210> 4462  
 <211> 753  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4462

gnnnnnnnnnn	nagngtttga	antcctcctt	ngaaatcctt	tggcnactcg	ctctttntgc	60
aggatcccat	cgattcgaat	tcggcacgag	gggcaatgca	gttataatac	tgtgttaatt	120
tcagacatct	tctggctctc	cgagccttgt	atttacatac	tagctgaaac	tgcaagtgga	180
aatgaatgga	gctgatgata	tttgccttat	cctaattttt	ctgtgaggag	gagaaaaaca	240
cttgtgcttc	aaataagcag	atgtgaaaac	acttctcact	aatcaaaatg	tttaccacta	300
ggttatgaga	gtctgcctct	cataggcagt	gaatctgata	tgtatactta	gtaatataag	360
tctatttagt	ttgacaaaac	cttagagcag	aatttttgca	gcttagttca	ggatgatcac	420
tagcaatgcc	aaacttcatt	ttttattgaa	cttggatcca	agaaggcctg	ctgtgtctat	480
ttcagtatag	actctcatac	caatatattt	atgctccaag	tcactacacc	cagaagtgat	540
gcagtggggg	aaatgcaaag	acaacatcac	tgtaagattc	acagaatgga	tcttttgtaa	600
aatattttat	attgacttaa	ggaaaacctt	tcattgggaa	ttaattaaat	taagtctcta	660
atatactgga	agacagtaaa	aantnaagcn	ggtgntctca	antttgaacc	cggcnattng	720
naatttcatt	ataggaattt	ctgaaaataa	tcc			753

<210> 4463

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(913)

<223> n = A,T,C or G

<400> 4463

gcgtcccntt	tcaacnttgc	taatcgctgg	ctatcgttct	ttctgcagga	cccatcgatt	60
cgaattcggc	acgaggccat	gggccgccgc	cccgcccggt	gttaccggtg	ttgtaagaac	120
aagccgtacc	caaagtctcg	cttctgccga	ggtgtccctg	atgccaaagat	tcgcattttt	180
gacctggggc	ggaaaaaggc	aaaagtggat	gagtttccgc	tttgtggcca	catgggtgtca	240
gatgaatatg	agcagctgtc	ctctgaagcc	ctggaggctg	cccgaatttg	tgccaataag	300
tacatggtaa	aaagtgtgtg	caaagatggc	ttccatatcc	gggtgcggtc	ccacccttc	360
cacgtcatcc	gcacaaaca	gatgttgctc	tgtgctgggg	ctgacaggct	ccaaacaggc	420
atgcgagggtg	cctttggaaa	gccccagggc	actgtggcca	gggttcacat	tgccaagt	480
atcatgtcca	tccgcaccaa	gctgnataac	aaggancatg	ttattgatgc	cctgnnncag	540
ggccnanacc	nagtttnctg	gccttnntan	cntanngatn	ttngaganaa	gtntcatttt	600
aacttttnctn	tgntatatn	ncaanggttt	tanntttngt	ngantgaaaa	agcgggcttc	660
atcccaagat	ggnetgtggn	ggtcanagtt	ncattcccna	gtngtnnncc	cttntggana	720
anttggtctg	ccccttgac	tcattgacgg	ccttcncaat	tggtgctnna	nccccctttt	780
taatttcttt	aatcnaatnn	actttattac	ctttnectgg	ctctaancct	aatnntctca	840
tctnecatctn	taatntctna	cactaccnan	nttttnntca	ntattcccnt	cnaacctnat	900
caaacttttt	ncg					913

<210> 4464

<211> 1274

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1274)  
 <223> n = A,T,C or G

<400> 4464  
 ttttttngggg ggggttttttn nnnnnnnnnn ggggggnnttn nnggggggcn gnttttttnc 60  
 ttaaaanagn ngactggnnn ngctgaaaaa ctcgggcctt ggggggannnn gnccccccnc 120  
 gaaaaacanc agggaaaaaa angggggggg ctgggggggg gggnnnnnnn nnnnnnnnnn 180  
 nnnnnnnnnn nnnnnnnnnn nnggnnnnnn nnggnnnngn nnannngnnn nnnnnnnnnn 240  
 nnnnnnnnnn nnnnnnnngg nnnnnnnnnn nnnnnnnnnn nnnnnnangn ggnnnnnnng 300  
 nnnnnngnnn nnnnnnnnnn gnnnnnnngg nnnnnnnnnn nnnnnnnnnn cnnnnnnnnn 360  
 gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn cnnnnnnnnn 420  
 nnnnnnnnnn canaagggnn nnnanncnnn nnnnnngnnn nnnnnnnngc nnnnnnannn 480  
 ngnnnnnann nnnngnaaga angnnncna cgagnnnnnn gannnacgan nnnngnnaa 540  
 cnnnnncnag ngccgnatna gancacgaat ngngagagag ancngannan gnnngnnnnn 600  
 ggnaangnn ncnnaanga annngnacca gnnnggannn cnnnanngga ngncnnnagn 660  
 nnnngnnngg nnnnnnaac ncnnggggnn nannannnga nannnggnc tnnngggnnn 720  
 nnnnnnannn nnnnnnaann nnnnnnnnnn nnnnnnnnnn cnnngggnnn gggnnanann 780  
 nnnnnnnnnn nnnnnnnann nnnnnnnnnn nnnnnnnng nncannnnnn gnnnnnnnn 840  
 nnnnnnnnag gnnnnnnnnn nnnnnnnann ngnnnnnnna nnnnnnnnnn nnannnggn 900  
 gnnananann nnnnnnnnnn nnnnnnnana nggggggnnn nnnnnnnnnn nnnnnnnnnn 960  
 nnnnnnnann nnnnnnnnnn nnnngnnnnn nnnnnnnnnn ntncnnnnna nccnnnggn 1020  
 ngnnacaann ncnctngnn ggcnctngna ngnnncnaa nannntnnn gnnnnnnnnn 1080  
 tngngncaa ananggggn annnantnn nnatggngg gggacnnaa tnnccnccct 1140  
 nattcaanna ntggnggaaa aaactggngg nnaaanantn aaacccaga nnggcnaaa 1200  
 ntcattcctt accaaaaggg ttangacctg gnaancctng tgggcnaaa aggtncnaa 1260  
 acattcnttt nanc 1274

<210> 4465  
 <211> 1039  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1039)  
 <223> n = A,T,C or G

<400> 4465  
 atggnnnnnn nnnnnntttt ttttggaata aaannncccc cccttttttt ncctnaaaaa 60  
 attgggcnt tttggggcaa aaantttngg ccctnctttn tcttttggnn tnttgnnnat 120  
 nccccnatt cgggnatttt nccggaataa ttccggggcc naccgggagg ggggnattagg 180  
 cccttttnana nagncccaaa nggtntntta cccaaagggn tataattttt aaagnnatgg 240  
 ggggnaccagg gtgtntngcc ccaatttagg aaagggaat tttntctnaa atnaagttgg 300  
 gggntanant ggccangtgg ttacctnggg gcattnggna aatatnttct tgggaacttg 360  
 aggtntaaac tggaanggga gnagccctna aacctatagt aacttcannt cccacaagt 420  
 atactagaat tngtgcattc tgcatttata ttgcaangnt ntcaaangtg tcaactgnnac 480  
 acaaatagaa aactgccaac cttgggtgta cttagctnn catttaacta aaacattntt 540  
 ttcttgcaaa acttatttat tcatgatcaa tttnttggtt atntattata ctttgattcc 600  
 taaattagtn catccttgaa tctatgaaac tgggtgcagtc attatgcccn naaatnttct 660  
 naaaatatat taatgggtca ccttntctgt caaagggtg gtgcaanggn cttgcagcat 720  
 tnttacatnt tgtgctttgn tangaaaatg taaactctna ggctccacaa ntttactttg 780  
 ctgcattttt taacaaaana tccccangg gatatgtaat gctcataana aatttgggac 840  
 anctgggttc nantggaaaa angggntctn aagggnatgg cataaacttg gtggtncggg 900  
 tnanngnttt naaggccttt tccaacttta nannntttc tgattttgga antnttccan 960  
 tnggntntaa naacctnnnt tatatatcna anattagggg cctttnaaaa aaanncttat 1020  
 ttngtctagn aaacntnc 1039

<210> 4466  
 <211> 931  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(931)  
 <223> n = A,T,C or G

```

<400> 4466
ggaagcgggg ggggtacgttt tncaaaaggn ntttcaatng cnggtgaacg cccctaaana      60
nnnanccatc ganacnaatt cggcacnaag ggcttccggn taaaccantc angggtatnc      120
cnatgnntaa gncatcctng gncngnntat aacnggnccc attcanctgt nanatananc      180
ttcnaanttt ntcnacann gnnnanattt tnnntctgca atnnnanagn naaccttntt      240
nnnnnnnnnt aangaggcag nnagctacct ttgaangaac tacttgnaa cntnntnttg      300
naattcaang nnaancntc ttntntcna nntnnttant gttgcnnnnn nctcaantcg      360
tatnnncatg ngggctccca tcacntnntt acttataant antngnttan aaannntngn      420
cctantatag gggnatncnt nttnnnnann nnnntccntn caaatcccaa tctngnaang      480
aattnnccnt ttctgnaatn caattattna angannaatn gntnnnctan tncattnann      540
nntctanttt ttcncnnnnc nncnttgnaa ttcncnttat acccantaaa tngctactnt      600
taatnaggat tnanagtacc cannttgcnt ttnttncaca antntaancn ntgcattatn      660
taaaatcann naagncgana aattntnttc naaccccnng cnncaaanta ccnatttcta      720
atanngacnt annngnnnnn annnccctaa nannatatac nanatntntt nccnnacant      780
ccnagagtag aantcccttt nntcacacnn ntctctanta cncntnaatt ttcnntacan      840
atataaanta nttnttctna ttaangnnnn ntnnaaantt ctancnaann tanattancn      900
ancctctnan ataatcnttt ttnnngnatn c                                     931
  
```

<210> 4467  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

```

<400> 4467
cnaatncttg gctactcgct ctnttgcagg atccnttttg acgcntttgn acgnccgtat      60
ncttcaacca atgtctagtg cacntatcct ntntaacnca naattctcaa acccagnttt      120
acaacattgg gtaggatnct ataaagngct aatcntattc tggatnatga cgaattttgc      180
atgctaantc tttgnancnn gtcncccccg aagntgcntt acatgtacag attcgtgtaa      240
ccacgtgtaa ccacataaaa ctnatgaaca caaagtcctt catgctacct tctatgctta      300
cactcnancc aaacctaacn ctgccaaccn ctnttctecn atcaggatca ttncntcann      360
tcatgaatnn ganagaantn aaattgtntt tgcaatgggt atntataaat tttatatnga      420
taagccatnt gaatgcttat ngatagagag tctgtgagct cntggcattt ctggcactna      480
gcanattacn cctaaggntt atatgagtag annaanagnt gtattancat nanntntac      540
caccatgnat cngacccgat gaaannnggt natatntgag agtngtgtac aggatttnat      600
gtgnaaatte gnatnnattc ancgatgaga natattgcac tgtnttcccn ggtcntaacn      660
gccctggnat naaanatgcc ttgggaaaaa tgttatcaaa nnaacntnna ncagcccnan      720
gggnaaaaac cnnangaant tcagaggcnt cntngnacca antntggagg nnnaaaaanac      780
cngggncncc tgganantaa ttcc                                     804
  
```

<210> 4468  
 <211> 1116  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 4468

tantacntan	ctnanccntn	tggcntnagt	ccgtccncta	tgcgntgtng	cttaaattac	60
tgncgcgtta	aacgtcggac	tggaaacctg	cgtaccaact	aatcgccctn	agcaaaatcc	120
ccttttggca	gctggcggta	aaancaaaaa	ggccccgaacc	gatcggcctt	tccaaacagt	180
tggcgcaacc	ctgaatgggc	gnaatnggaa	ccccccctgg	taagcnggcg	ccaattaaac	240
cccgcccggg	gtggtgggtg	ggttaacccc	gccaacccgt	ggaanccggt	ttacaacntt	300
gggccaagcg	gcccccttaa	accggcccc	ggctttccct	ttttcggcnt	ttttcntttt	360
cccccttttc	ccntttttct	ttcggcccca	accggttttc	ggcccccggg	gcnttttttt	420
cccccccggg	tccnaaaggc	ccttcnttna	aaaaattccg	gggggggggc	cctttccccc	480
nttttttaaa	ggggggggtt	nccccgaaa	tttttnaaaa	ttgggccttt	ttttnaaccg	540
gggggnaanc	cccttttggn	aaancccc	ccaaaaaaa	aaaaacttt	ttgggaaatt	600
taaagggggg	gtnggaaatn	gggggttttc	caaacgggtt	naaantnggg	ggggncccca	660
atttcgggcc	cccccttggn	aataaagnaa	accgggggtt	tttttttttc	ggncccccn	720
tttttgggaa	ccggttttng	gggaaggttc	cccaaccggg	ttttcccttt	ttaaaaataa	780
aggnggggga	acttcctttt	gggtttncce	naaaaacctn	ggggaaaacn	aaaacaacct	840
tttaaaaacc	cccttaattn	tttcnggggn	cctnaatttn	cnttttttgg	gaattttnaa	900
tnaaaangggg	gaattttttt	ggccccgaan	ttttccgggn	cccttaattn	ggggnntaaa	960
aaaaaaaaatg	gaaagcctgg	aanttttnaa	acaaaaaaa	aattttttaa	ccgccgnaaa	1020
ntttttnaac	cnaaaaaata	nttttaaacg	gcctttnaac	naaaattttt	cccttggaag	1080
ggccnggggg	gnaaaaaaaa	aatttttttt	tttttt			1116

<210> 4469

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4469

aatncnagct	ctcgntcttt	ttgcggatcc	catcgattcg	ctagttcgag	tttttttttt	60
tttttttttt	catgaaaata	tagtcatcaa	atttattttc	attgggatgc	cattttttga	120
agaattccta	agactaatgt	ttcttgacat	gcaagagtta	gcattaatag	cttacgttac	180
tataaatact	gctgcttgga	agcagtacaa	ctgttttaga	gttttaagac	tacagacttt	240
cattactcaa	atcttattca	gtaaatgtaa	aaatcagaag	gttctgaaca	gctgggttagg	300
aaggtagcca	agatgcagga	aagatgtctg	cgcctccttt	tcaagggcag	ccaactnttg	360
aacagtaggt	gccccaaaata	tccacatggc	ctttatagct	ttcaccacca	gcagcccttt	420
tntgaccgta	ggtaactttc	ccatcaaatt	catccactgg	tacctttata	tccggntnaa	480
cctgagaaat	ggtnacgttc	aggngttctt	ctatctcaga	tagtaactgc	atctcgttgt	540
accatatggt	caagcctcat	cttccttgag	tcttggggta	taacaccctt	ttccacggnt	600
gctacataca	tggnaccnaa	ccataaggaa	caccnggat	atcaattcct	ntagcagntc	660
atctgngcaa	atcaagaatc	tttacatctc	cttcttaaan	cttttccaag	tttgcccttc	720
tctcatgggc	cattggaaat	ttctcaaaat	aatgaccagg	ttttct		766

<210> 4470

<211> 926

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(926)  
 <223> n = A,T,C or G

<400> 4470  
 annnnnnnnn annnnnnngnn ggngnnnnna nnnnnnnnng aannannnnn nnnnnnnnann 60  
 annnangggg gnnnaacnnn nnnnannnnn nnnnagnttg aattcctaaa gccaaaccnc 120  
 nnnntttggca ggaagcannc agnccngggg tccgcaacgc nggnaagngg acagnnnngga 180  
 aaanaaatnt ttngcagaca aggatgtcaa gggnggnggc gggngnataa cacncggcaa 240  
 gtgggacagc nttgaacaan aacnagnagn cgncnggaac ngcctaaccg gagccnanng 300  
 ctcgaanaag gaaataagga agccacangg nangcagacc tcaactganac atgaaccag 360  
 cgcanaggtg gcggancngc ncnaaangac nagagaggca nagngaaaaa annnatnaat 420  
 gccngncnng agaataana acagcgctac aacaggcatg nggatatggg aaacaacnan 480  
 tggggacnag anacnnaggg aangnacggg annaaaaaag ggggggagntt naanncnccg 540  
 anggaggngg cgagnacnca ntggaaagaa aggggaagaca ntncacggaa ancnaganctg 600  
 acaaangtg aatangnggc cacaggaggg aagggaactg gcctgagagg gaanaaancg 660  
 gnacnnaang aanggaaccc agggccaagg gcaccaanaa gaaaaaancc cngaaaaaa 720  
 aganggggna ntatngcct ggggggggna aaagcccacc aanttaaagg canaaaaggg 780  
 gggggnaaaa acnctggntt nncaancaa aagggggggc ccncccgggg ggggggnccc 840  
 ncgaaaaanaa aaacnggggg ggggnttna gngggnggga nncncacccn ncccnngaaa 900  
 aaggggggca aaaaaaaaac ccccn 926

<210> 4471  
 <211> 924  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(924)  
 <223> n = A,T,C or G

<400> 4471  
 acaccttggg tgcnngcacc gcatnanaac ccantcccac cacannncan gagcnngtng 60  
 nncnctnttg gagngggcnn agngatgncc cgaatccgtg ggctactagg gagccctcac 120  
 ttgggctacn ggggtggaggc ccatgatatt gnggcctcaa agatgttatg attcacctcc 180  
 atcaannccc ngaantgaat aattcttcct atcanttaat nanggtgatt acccagnaga 240  
 atgccattnc ggtntgcntt ggtatttnac aaaaagaanc tgggggaacc acttgggtgt 300  
 gacattttat ggggttnaaaa taatgatctg gnaaattgcc ccggatccnc catgggggaa 360  
 tgatagatcg acaaggtcta cttcatgggt ggagatatga ttaaangaag ncnatggcca 420  
 ttgnggttng gaaataatcc ananggantt ncanccaatt actgnaaaaa aanttnnttg 480  
 gaagngnca cccctaaaaa tctntcccag ttnttagagn ataccntta cttccttaa 540  
 naagggattt gttgaaanng ncanttttnc aaatntaatn ccaaacanag gncnaccctt 600  
 aatnaccntn gccaaagnag cnngttttgn ngatttttcc caaaaggagg naanattcct 660  
 ttccngnntt tggcgaaact gtagnanaat tcccnnttt gnggtgggcg gnnnttagcc 720  
 cnnttctaaa aaaanggang ngaaccccct tgtgntttcn tattccagag cccgctnntc 780  
 ctcngtaaan aananaaata aangnccant tnttttatnn anagaaattg ggncccaatc 840  
 ttanggacnc tttttgtggg aancttatna ttcccnaca tacacaaaaa aaacancctc 900  
 nccgncccct ttnnaactt tncg 924

<210> 4472  
 <211> 902  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(902)  
 <223> n = A,T,C or G

```
<400> 4472
ttcagaagaa cgcacagatg aaatgacaca taaagaaaca aatgagcang aagaaagatt      60
gctcgccag cttcttcact aaatcatccc gcagcagcag ggactcggtc tagcaaggcc      120
atcttggtgc cggacctttc tgaaccaaac aatgagcctt tattttctcc agcgtcagaa      180
gttccaagga aagcaaaagc ttaaaaaata gaggttcctg cncagctgaa agaattagtt      240
tcggatttat cttctcagtt tgtcatctca cctcctgctt taaggagcag acaaaaaaac      300
acatncaata agaacaagct tgaagatgaa ctgaaagatg atgcacaatc agtagaaact      360
ctgggaaagc caaaagcgaa acgaatcagg acgtcaaaaa caaaacaagc aagcnaaaac      420
acagaaaaag aaagtgcctg gtcacctnct cccatagaaa ttcggctgat ttcccccttg      480
gctagcccag cttgacggag tcaaaagagca aaccagaaaa aactacngaa gtgacaggga      540
acaggtcttt ggganggacc agaaagaaac tgtntttctt ttnccaaagc anaattttac      600
gccaanaaaa aatgcttggt antttttttg gggaagattt ttaatgtacc cccttntttg      660
gtaaagggtc ntcaaaaaat aggtggnggg gattanttna aaataatntt aanttttggg      720
naagnaaaaa ataanttttn tttttnaaan ttntttgggt aaaaattttt ttntgggttaa      780
aacaagaaag gggcttttca anttaagggt aaaggtnaac cttcccntnt tggngngngg      840
aattgggttt caaattcccn cgggccaaaa nnnttcctta ntttttaata ttttaaanac      900
tt
```

<210> 4473  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

```
<400> 4473
gnnnnntttc naatnccttt cctaatacna gctctcggtc tttttgcagg atcccatcga      60
ttcgaattcg gcacgaggac ttctgaagaa catgaagcaa gcagaagggt gaaagcggag      120
ctgctgggtc agatggatgg tgttgagggt acttctgaaa atgatgaccc ttccaaaatg      180
gggatgggtc tggcagctct aattttccct gggatataga tgaggcttta agacgacgcc      240
ttgagaaacg aatctatatt cctttgccgt cagcaaaaagg cagggaggag ctattaccaa      300
taagtctacg tgagttggaa ttggctgatg atgttgacct tgcaagtttn tcagaaaaca      360
tggaagggtg ttcaaggncg ggcatttcca acgtgtgcag ggatgccttc cttgatggca      420
atganaaagc ncnttgaang ttttgactnc caggaaatcc naaatctttt cnaagaagaa      480
atgcncatgc ctacaactat ggaggatttc nagatggctt tnaaaaaggg ttctaagtca      540
gtgtctgctt gcagacattt gaaaagatnc cagaaatgga tatttgagtt tggatcatgc      600
taaattctcc atgtnaactg tgagaaatgt gcccttaagt ggtttgaata ttaaatgccc      660
gtaattcatt ggactggagt gcttatattt ttttttaact ttcattaatg gtaagaattt      720
tttttaaaaa aaanccctta tgaattcttg naataaaagg ccaatatttt ttnaagcctg      780
gaaaaaaaaa aagccctntt agaaactntt tgttga
```

<210> 4474  
 <211> 878  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(878)  
 <223> n = A,T,C or G

```

<400> 4474
ttcctaattc ttggttctcg na ctgca ggatcccttc gattcgaatt cg cgagg 60
ggggaaaatg acagaggaaa aagagaaant ggancagana aaaatagtgg aagaaatnat 120
agctaaaaaa ttcagaattc agtgacangt agaaatttac agatatcnga tcatatgctc 180
aagaaacacc aatgngaata aatatttann antcccacgc tggttcttgc aaactttttg 240
aaaaccaann ttgaanagca aatnttgnaa gcacatgata aaagccatnc cnnaatnat 300
ccagttaatt ggcttgactt cttactggaa accctttnnn accanaaacg gncttggaat 360
aaacnttttc aagggttctt ntaaagaana attcgnaaaa ntnttaaccc ccaatttttt 420
ttttttttta nntgaaagac nccncttntg ttncaccagggt tggnaagtttc ccnttccgnt 480
gcccnngcct tangnnaact ttttggagg ggganactcn tntgactttt nnnccnnggg 540
ntnnnccctt nnttncctng cccnntttcn tntttttgac nttttntgn gcnntncang 600
gcnttnaann ccntgaccc cttcnaant ncatnggngg gaaacngggg ntaannggca 660
tangctcttt tatttaagaa agcaccnncn naatccccct aaacttttct tnaattnacc 720
cttttnggga cccctctagg ncngcttnnn tgntttaccn ngntccncca aanttncnaa 780
cttggnaaac nntnttgnaa ntccnggggg aatataggna cctttggaat ttttaaannc 840
ancctnantt ggcnngecct ttgggccttt anaaanct 878

```

```

<210> 4475
<211> 714
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(714)
<223> n = A,T,C or G

```

```

<400> 4475
gngnntntat agcangctct tgttcttttt gcaggatccc tcgattcgaa ttcggcacga 60
ggtcaaggct cagtcgccag catttcccaa caciaagatt ctgaccttaa atgcaaccat 120
ttgaaacccc tgtaggcctc aggtgaaact ccagatgcca caatggagct ctgctcccct 180
aaagcctcaa aacaaaggcc taattctatg cctgtcttaa ttttctttca cttaaagttag 240
ttccactgag accccaggct gttaggggtt attggtgtaa ggtctttcat attttaaaca 300
gaggatatcg gcatttggtt ctttctctga ggacaagaga aaaaagccag gttccacaga 360
ggacacagag aagggttggtg tgcctcctg gggttctttt tgccaacttt ccccacgtta 420
aagggtgaaca ttggttcttt catttgcttt ggaagtttta atctctaaca gtggacaaag 480
ttaccagtgc cttaaactct gttacacttt ttggaagtga aaactttgta gtatgatagg 540
ttattttgat gtaaagatgt tctggatacc attatatgtt cccctgttt caaangctca 600
gattgtaata tgtaaagtgt atgtcattcg ctactatgat ttaatttgaa atatggnctt 660
ttggttatga aaacttttgc agcacacttg aaaagctgnc tgtggatcat tgng 714

```

```

<210> 4476
<211> 786
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

```

```

<400> 4476
ggttcancga atgcctgtgg aanccgcect tctctncagn agcccntcga tncgtnttga 60
actatcaact agatcnggga agatagaaca ggcnttttn ncatngcctc gtnacaaag 120
ngtcatcacg aaaagtgttc ctctaggaag gcataatatg tggcngatg gatgtgatga 180
gtagattgta aaaggggttg gattctggca gaacangaan agatnactna attattggaa 240
tcaactgaga aaagagnnca ttagcatgcn ggctaataka ccctaataka acnggggtg 300

```

aaaagatggg	atctggacct	agcagtc	ttagagccat	aatnctngat	ttcttnn	360
ngngaaagcg	acaggtactt	ntctgag	gccataaatc	agntntatcc	taaggaaa	420
actatatncc	actgggggatg	gtaatcacc	tttngataag	aaagggtaga	anccacaatc	480
ttcaacagaa	atggaactta	tcaatntaat	tnaagaatcc	tcaacagtac	anttttaagg	540
nnatggaacc	ccctgtgna	anccangtt	ccnactgcc	nngcctnanc	aatcctatta	600
tnactgatta	gcnnanaaaa	agaangcngc	ancccnttnc	naattttttn	tttancnnn	660
ggnantnccc	ntgaaaggta	ancccttnt	naaaggggga	aattcnaccn	nanggagcgn	720
nnnnggcng	gngaaattnn	ccttgaaccc	ccnaggcan	aaangttgct	tnttancccc	780
agancc						786

<210> 4477

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 4477

gcnctcta	at	ggnngctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggaagctccg	ag	tacctg	tgccctcttt	gtctacgaga	agggggctcg	ggtgcttctg	120
gttcagaca	ata	ccttccc	cttgggctat	tacctatcc	ctttcacagg	gattgtggga	180
ctgctggttt	tgg	ccatggg	agcagtaatg	atagctcggt	gtatccagca	ccggaaacgg	240
ctccagcgga	atc	gacttac	caaagagcaa	ctgaaacaga	ttcctacaca	tgactatcag	300
aaggagagacc	agt	atgatgt	ctgtgccatt	tgccctggatg	aatatgagga	tggggacaag	360
ctgcggttac	tccc	ctgtgc	tcatgcctac	cacagccgct	gcgtggaccc	ctgctcactc	420
agaccggaa	gac	ctgcccc	atttgcaagc	agcctgttca	tcggggtcct	ggggacgaag	480
accaagagga	agaa	actcaa	gggcaagagg	aggggtgatga	aggggagcca	agggaccacc	540
cttgtcaaa	aagg	accca	cttttggtt	ctagccccac	tctttccacc	ttctttgggt	600
cctttagccc	cag	ctnccct	ttggtttttc	ctggggcctt	tnaacagatc	ccccactgtc	660
cccttccttt	tncc	ctgtaa	tcctggngcta	ataaccccc	acaacttaca	cctttggggg	720
acc							723

<210> 4478

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4478

naatagcagc	tctt	gttctt	tttgcggtac	cctcgattcg	aattcggcac	gaggctgtcc	60
actccagttg	ccct	tggtcta	agtttagcct	aacacacagg	gttttgacct	atagttctaa	120
aatacacaaa	tttt	gagact	acagcacttc	tttggaaga	ggaagaatgc	aaagttcagt	180
atttcaatac	tttg	tatttt	acttgaaatt	acccttagta	gcattctttt	tttctgtct	240
gaaagctttt	gtgt	ggatga	gaagggacat	ttcatttcct	cccttaacaa	agtgtcattc	300
tgaggttctc	atgt	gtgttt	ttggaaatag	agatactggt	tttgtagagt	ttgcctttgg	360
gtatgtntc	tttt	tttctt	aaatctccaa	ggaagagaac	tgactaaaat	agtaggaaca	420
tgaaagtatt	aaat	gccaat	taatttggtg	tagtaaagta	tcttcattag	cgttatactc	480
catcatatct	ggt	gtaaact	gctcacagaa	aaccctatga	aaccaaaggg	ggaccattca	540
ggtctaaaaa	gcg	acaggtc	ccgagactgg	gtctgtcacc	tgggcatttt	caaagaggac	600
attttggag	aatt	tgcata	ttcagatttt	taaaatgcac	ttaacatact	tcattacaga	660

attcttgggt agggangatg gg gcca nggatgggat ggaatcagtc tg gggaa 720  
 cttaatnccg aatcatttan cc tggat taacccttgg ncng 764

<210> 4479  
 <211> 836  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(836)  
 <223> n = A,T,C or G

<400> 4479  
 gaggaatca gtacgctgag gggccaagtg ggaggccagg tcaagtgtgg aggtggattc 60  
 cgctccgggc accgatctcg ccaagatcct gagtgacatg cgaagccaat atgaggatcat 120  
 ggccgagcag aaccggaagg atgctgaagc ctggttcacc agccggactg aagaattgaa 180  
 ccgggagggtc gctggccaac cggagcagct ccagatgagc aggtccgagg ttactgacct 240  
 gcggcgcacc cttcagggtc ttgagattga gctgcagtca cagctgagca tgaaagctgc 300  
 cttggaagac aactggcag aaacggaggc gcgcttttga gccagctgg cgcatatcca 360  
 ggcgctgate agcgggtattg aagccactg ggcgatgtgc gagctgatag tgagcggcag 420  
 aatcaggagt accagcggct catggacatc aagtcgcggc tggagcagga gattgccacc 480  
 taccgcacct gctcgaggga caggaagatc actacaacaa tttgtctgcc tncaagggtcc 540  
 tcttgaggca gcangctctg gggcttnttg ctgtcctttt ggaggggtgc ttcttgggta 600  
 naagggatgg ggaaaggaaa gggaccctta ccccccggnt ntttttcttg accttgccaa 660  
 ttaaaaaatt tttggtacca agggaaaaaa aaaaaaaaaa aaaactccan ncctnttaaa 720  
 actattagtg aggtcgattt accttggaat ccnganattg ataagaatcn nttgatgant 780  
 tttgggncaa accnccactt tnaatgcccn ggaaaaaaa tgctttnttt gggnaa 836

<210> 4480  
 <211> 1174  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1174)  
 <223> n = A,T,C or G

<400> 4480  
 ttttttcccc tttnaaaaaa antttggggc cccntttttt ntttttcctt naaaaanttt 60  
 nggggncccc tttttttttt nnttnnnntg ggnentatng ggnaaattcc cccccnaat 120  
 tctgttaaat tttttccggg cccgggaaaa aagggttccn ttttcngggg gtttcccccc 180  
 ncgggcncaa cntttccggg tttttcentt tcgggaaatt tctttccggg ggggttnccg 240  
 ggaaaccccn ttttncccaa aaaggttttc ccccaagnaa attccccggg caaacggna 300  
 aaaanggggt tccccnaaaa ggntttcccc aaaagggttc ccccttttng gnttncggg 360  
 ggttcttttt nccaaagaaa tcctttcngg tttttccggn cngggggttc ccaaagggt 420  
 tcnccnnggg gttcttttgg ggtnccaaag ggnaagttcc cttttcccc aaagtgttc 480  
 ccaaaaagaa agggggaaat cncnaantcc aaagnggtcg ccgatcgaag agtnccccca 540  
 agtctcctga agaggaagga gcggtgtcct cttaagaaaa tgatgtatcg gcaagcagt 600  
 taaacggagg acttggggaa aaaggaccac atagtccatc gaagaagagt ncttgaaca 660  
 agcaactggc tattgaaaag gttattttgt aacatttgtc taacttttta cttgtttaag 720  
 cttttgctn agttggcaaa cttcatttta tgtgccattt tgttgctggt attcaaattt 780  
 cttgtaattt agtgagggtg aacgactttn agatttcatt attggatttg gatatttgag 840  
 ggtaaaaatt tcatttttgg atatatgtgt gacttttttt gtttgaaatt naaacangaa 900  
 ttgggtaacc taaattttgt ngggnccttc tggacttttt naagggaaaa acgttggttg 960  
 ccaggncnt ttctacaacn aggcntaaa angcttgttc aaagaagatt ttggacntcn 1020

ggggantttg gncnttttaa ntctttt aaaaatttaa aaaaaccctt tctctt aaaaag 1080  
 tttngtggtggg taaaaatttg gnttttg gggtantttt tacccttttc nntctttt 1140  
 taaaatnngg ggtaattttt gggaaccccc aacn 1174

<210> 4481  
 <211> 860  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(860)  
 <223> n = A,T,C or G

<400> 4481  
 nctnacacng nncagatngc accaccttat ggnactncac acatntngng nntaattgcc 60  
 tnnaatttgn nnaangggat ngcctagtgn tncntgnctn cagaagggaa agtggnttan 120  
 atagaaaang acanccnngg ctatatacac ttaannnggt natagaannn ggctactgaa 180  
 gtcnnngact tntannattn aaancctaaa tcacttnttg tnggacgggt ttcantacc 240  
 tgccanatat acagcccann accnatngnt gngtgaggn atnnntgtgc cgggnttctn 300  
 tntnanttct aacaccnna gttgccataa anntactccg gnttattttg nntgctcnca 360  
 aacttgattt tttttttctt aaccaccgct tganttagtg gtcctcnatt nnggntnnag 420  
 aaggatnccc acntgaaagg ngatnaactg gtcgnnccan aacanttggtg tggntctctg 480  
 tcacttttca agnccatnta gtttntctaan anccgcgggg tattccnctt tccnngccta 540  
 ttttttttnc cntganaaca ttcnngtnant ttanaatcng ggggaangac cccctttnaa 600  
 naaactgngc ccctaantgt tggtttncac ttncnccggac gnttntttt ccaaaaaagn 660  
 ttgctttccc cncnttccan aaaggaacna attnttctta aanaancctt tntncnctc 720  
 ggggaagaag gcccaagngc ctttgggaaa ccncaagggg gaccccnnc cntggacaac 780  
 tnannaacnn nttccngng cccaaacctc ttnanttggc nttnccngg tccttanaac 840  
 ananaaangg gcgganntnt 860

<210> 4482  
 <211> 1407  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1407)  
 <223> n = A,T,C or G

<400> 4482  
 ntttccaaaa tagcttgggn aaactccnag agcnatttag nganactttg aaancctttg 60  
 gaaannccna annatttnaa aanaanacng nnaannnttt nncaganaan nnancanaaa 120  
 nnnnacnngg ggttttttct aaanaacn cnangataca aatgagaaga naatnnaaaa 180  
 aaaaagannn nnttnannaa ttnnatnaaa nacngagtgn aanngaaacg cnnnaaaaaa 240  
 aaaacanata ttaaanaaan tttannnaaa naagnnaaaa annacacatn ntcnaaaanc 300  
 nananantnn aancnanana nntntatata anctanntna ntannnaaac ntatnatnaa 360  
 nttntanata ncnanatgna nnaaacagna acnnatannn nnaanaatgn atatgtntta 420  
 acnatataa tntnttagan aganatgata nntntaaatn nnnnactata tanataagaa 480  
 tatatnacag agcncctnca canatgatac actgancnna tnttanantc aanngtggac 540  
 tntnnganta taananggan nacanactag acnatnnntn gaaaaganaa atngnggana 600  
 canannagnt tacganatna nanacagncn natanncnan ntntgtcana natanatagt 660  
 ancnancaa gaanatggan nnnacgacan ntncctgata tcnagacgnt cttactatac 720  
 atacnagagn gaganacn ncnacactnt gentnnnaac atntgtanna nntanataa 780  
 tanaatacac acnagccnnc atatattaca cgnagantga gnnnctacg tanantatat 840  
 atanncatcn ngaananatn tnacangtat acncgtanac ntacagagtc atnacacgta 900

antctagtna tctnttnang aa	tntta anangatatn attnnaaang at	agant	960
ctacgtangc gcgnaantna at	cacat cnanatatac acnanacgtg at	anana	1020
tganaacta tganaacnnn tc	naacact nacatatnta tanaaatata	taagagtana	1080
catncacaan cacatacaga	gananaanna cacanaanan	atacataatn aananantca	1140
tgantanact taatcacgna	aaanttanna agcnattnaa	cganngaaca ngntacntat	1200
acggntanaa tacncataaa	ntancancta nanaannaaa	gnnnnntnn cacannnac	1260
tnaancatga cgatanataa	cangnatctc aatantnaga	cntatgaaca aaantagacg	1320
aanagtaata tatatcnnta	gatnantana nnaacgagac	cactgaacnt nttnanatat	1380
ntaanacatn aactacaata	ncacacc		1407

<210> 4483

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4483

gcgacgcgcc ganggnaaaa	ccccnaggcg gannncaagg	acgcggagnc ggcacgaggn	60
gagagagatc angccgcacg	ggccncttna nnncccccn	cgncgnaann cagcaggcgg	120
gnccagtgtg cncctcatcc	ncacccngga ggccgacgac	actatcannc ccacnnatag	180
gnggaggaga cagaggcaca	gagcgcccaa agccccacag	cnggcgagcg gcagggcnag	240
cgagcgangn ccactagacn	ggngacagac gcagaagccg	cgannncac ccccggaac	300
nggaagacaa cncngacga	gcgagaccca ggagaacgca	cagncnagcc agaaaangnc	360
nngcaaccgc anacangan	cngacagaaa ngcgacngcc	cacggaaaaa gcgagcaacg	420
gaacnaagag accaacnagc	ngccggggggc aaggggaancg	ggcancnngg cgnacanacna	480
agaccgaanc ggggaagccg	acccaacccc aaaacggcca	aaggggacan accacaaaca	540
gggnanccca aaaacaccaa	anncnannca caanccgaag	gaaaaggccg aaaccaaggc	600
ccgaggncan ggngagcacc	aacngaagcc aaaccgggnc	aganncaaac ccgnaancac	660
ccaggaggca ncaggccggc	cccnggggga nccaggcaag	gnncccggnn aaaancccca	720
gnnccnngcc ccnnggncc	angggggaaa ccccg		755

<210> 4484

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1273)

<223> n = A,T,C or G

<400> 4484

anggnnnnnn nnnnnnnnnn	nnagttnnn nnnnnnnntt	tttttncnccn aaaaaaattn	60
gggccctttn nttttccaaa	aaaatggggc ctttttggg	ggncaaattt ttttncagan	120
nnncnnnang ttttttgaaa	aaannccccc ttttttggg	naaaacnnnn nnnngnnnnn	180
nnnnnnnnnn nnnangnnng	gggnnnnana nnnngnnnnn	nnangggnnn nnnattnttt	240
ngnannnggn nnnntnnna	ngngnnnnnn tnnnanannn	tnnnnnngnn nnnnnnggng	300
nnnttnnt nnangggngg	ggnannnnng nanannnnnn	ggnngggnnn nnnnnngnng	360
ggannnnnan atannnnnan	nngngnnnnn nnnanntnnn	ngaatggna annnnnnta	420
aggggnaacn nnnngncna	aaannannan gaggggagga	angnacngaa ancnnagagg	480
tanngaanaa aatcgacgg	gaacntggga aacnaaanna	tcnannnctt aacnaanatn	540
taaagnaaca naaagcnnng	nancanngnn tgnnctgtta	gnagatctcn ngnaacaatt	600
tntaaangga tnaaatctnn	angnaagagn agctnnga	nnanangaa aangaannnn	660

naaacngang	annacanata	aa	agngn	aaggttnctg	gantanaaga	gg	aagaa	720
cgtngaaanc	annaancana	na	ctnga	tgcccanctg	agnttnnaac	nn	atnnc	780
aangaaaant	gncntacatc	anattgggaa	natctaagcn	tcanaaaana	attnnagnan			840
agnatnctn	ngtatanaaa	ctnngatnct	nngnacgaag	ctataanaat	aannggaann			900
nnncataann	gnannaanna	aataatntat	nntggtnngn	gncntatann	taagnaangg			960
catacaagat	natataagan	aagntactat	naanatncnt	ngggaagnga	ntcnacacac			1020
tantntntnc	ccnntggang	nnatnagatn	anncnanttn	ngnntancnc	nnctgtcatn			1080
ntnaaagaaa	ngttnanaca	ganatcctcg	anatananaa	agncaaagac	anaggnanna			1140
caaacttngc	nnannncaaa	ngtcacttcg	tantnnacat	ngnaatanca	natnatnnnn			1200
anacnncgna	angcacaaaa	ngtananaa	catnnataaa	aanntngnat	gntcgacngn			1260
agaangctcc	ncn							1273

<210> 4485

<211> 1240

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1240)

<223> n = A,T,C or G

<400> 4485

agggnnnnnn	nnnnnnnnnn	nnngaggggt	gnnnnnnnnn	nntttttttt	ncccnaaaaa	60
aantgggncc	ccctttnnnn	tgccaaaaaa	aatngcccc	cnttttgggg	gcnaaaanat	120
cngggcccaa	anccccaan	gcnnnttann	aanccggng	gnttttcccc	tngggtnggg	180
ccccagggna	aaannggaaa	aaaggttnna	aaaaaaaaatn	acctntgggc	ctttaaagg	240
gaaaaaagg	ggggnaggg	ggggggnggt	tgggggggga	aaggggggg	ngggtnangg	300
gggaaggga	gggggnaaag	gggggnaggg	gggaaaaacn	gnnnnnnnng	ncgggggaaa	360
naangcnnnn	cnannnnnnn	aaannnnnn	nnnnncnnccc	nnnnnnnncca	nnnannnnag	420
agccncnggn	nnnnnnanaa	cacannnnag	gccgcccngc	nnacgnaagg	ggccngggca	480
ngaaaaanga	aaacagcnan	ncannncnt	gantgcatnc	cgactgaaa	gganggncaa	540
acacnggang	aggnnnnnnt	ccnaagann	aaggggcaa	naaggacct	gggnncnntn	600
ggacacntaa	agnaantgna	ncggatgnct	nccanatgac	agagangact	gggnngcang	660
ggnatgatn	aaaagtaacc	canngaagaa	acgngnnnna	nnaccngata	anncgntngc	720
aanctngana	acggcngaac	cnnnnnncacn	agcannnnnc	ncnangcana	anaancnata	780
ngaaaanng	gnnttanagg	gggggntncn	cacanaaaan	ggacntatgn	ganagcnggn	840
caccanann	naaancnaaa	ngggggnant	gaacnatang	ggggcngggn	nnanaggggc	900
nanngngnan	canatanann	ccntngnggg	ggcnagtaan	anancngga	gcncggncan	960
ccanaaan	ccgccanaa	ccaggcann	aannnnccnn	ngananncca	gccnatnnca	1020
nganggantn	aaanaggnan	cgngcaaaga	gccnacgana	gcaannngna	cnatnnantc	1080
anngaaacgg	cnnaaacnnn	agagncgaat	cancgacacg	ggcaaacant	naatagacaa	1140
ncacaannca	ngtnngngag	aagtaacncc	ggctncatnc	aaaacnnccn	cgentacca	1200
aanngnacnt	ccannnnnnn	aanaaanacn	gtgcncgacc			1240

<210> 4486

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 4486

nnanaanana	ntaantnant	nanannannn	nganaannna	nnaanannnn	annncnnnnn	60
------------	------------	------------	------------	------------	------------	----

annnnaan	naannatnn	annan	aaaananata	aanannaann	an	aaang	120
anannnnann	nagangnnan	nnnatc	naannannna	nngannaagn	na	ncnna	180
tannaagagn	aaggggnatn	annaaagggg	gagcnnaaan	angnganngn	ggaanatngg		240
angnannnan	tnaaaannnn	ananananan	ggggagagtt	cctaaaggtt	gggnaaaaac		300
ncacnncnca	aaaaaagacg	agnaatgggc	antggannaa	aactatcact	aangnnacca		360
nnncacaant	nannnggttn	caacactaan	nnantnnnan	tnctangnga	nganattaan		420
cnntnnnnnn	nttnnnaatc	tancatcn	cantanntan	cnntatnaan	ntcnnaacta		480
ancannnnan	nnagannncn	attgaaaaat	tanaatatnc	acnatancaa	annaacancn		540
antaatnnaa	naannaannn	naagananng	ccaancatcn	anagncnana	annacaatcg		600
naacntaanc	ancnattant	tatntnncaa	anganattaa	nnacnngctn	tatntaaaac		660
tacatantct	naanncnaat	antatntaat	nnatntanac	acanatcana	gnagnaaaan		720
nagntaanaa	acntctnnga	ctantaanat	atctaactnc	acaaaagata	aatcannac		780
gtatacgant	tatnganann	actcnacaaa	ntctatnann	aaangnntca	canagtancn		840
tnaanaanan	tnnaacatna	gagcatngcc	acaangtata	nnaatataaa	ntagtancac		900
antatnnctc	annnaacata	tnnatanngn	tatnttgag	ctanannagt	ctnannnnan		960
agacacatnn	ncanaatann	tatatnnaaa	nanaacaata	ngtncntgat	nnannncnac		1020
ncacncacan	atacantnca	tnaanacatt	nacacaannt	annanaatca	canctaacat		1080
ctcatnnata	cnannntcct	tcacatannn	tcnnactatn	tantcactnn	aaaaacataa		1140
nannanggac	aactnnacnc	nctaantnac	canatnncat	anangatana	tagancnana		1200
acaaanatta	gaantanata	naaaatttaa	acgantcata	naaatattnn	aannanacac		1260
atancncanc	aatannaact	acnattanat	catnacanaa	ntantcgacc	ataaananac		1320
ataaatanta	tnannaanat	nannntaagg	ccanncanat	taaatcacat	atatntatat		1380
anatnanaat	gncagaagat	atananncna	taactaaaaa	tanacatnta	atantcncta		1440
tnng							1444

<210> 4487

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1390)

<223> n = A,T,C or G

<400> 4487

ggnnnnnnnn	nnnnnnngna	nggtttnnnn	nnnnccccct	tttttttgcc	naaaaaaaaa	60
ttngccccct	ttttnttgc	cctaaaaaaa	ttgggnccct	ttttgggggn	aaaanttttt	120
ttcccgnnnn	gnnnnaaann	tttttttnna	aannnnnnnn	tttttnnnnn	nnnnnnnnnn	180
agggnnnnng	ncnnnnnnnc	ttnnnnnnnn	nnnnntnnnn	nnnnnnnnnn	nttggnnnat	240
tttttttttn	nnnnngncta	tnggnnngna	nannnnnnnn	nnnnnnnnnn	nnnnnnnnng	300
ggggganant	ntntattnta	nnnnngannn	tnnnngaggg	nnnnnnnnnta	ntnggnngnc	360
ganngnnnnng	atnaannntg	gcnnngnngg	nnnnanatat	nanatnannt	nngncannna	420
atnnngnnnn	nnnnnannag	ggggggcggc	annnacaanc	anttaagcta	anaaattncn	480
antnanntgc	tgaantgaan	gaacatncan	annttaacan	nnctgnangg	ctanntgaag	540
ncaanatggc	ttcaannaan	gentnntang	gacttanggn	tacnggntat	naggnacctn	600
cttanntnnt	nctaaccnta	tctngaacgg	nctncacctc	nnaaattgna	ctantatnnt	660
aaaaannatc	atnatnanat	ntnngganaa	ngctgtcaaa	aantnnnnna	ancnnnnngg	720
anannngtat	ctanntnnac	ntggaatgnc	ntaaacctat	aaaaaannan	gnnataaaan	780
ntcaacnnan	annnanacnt	aaatntanac	cntntaaagc	ncntanacnn	atttcgaggn	840
cctngacaat	anttttaann	tcatacaaat	gtgnngggan	antncntata	cacgngggta	900
nantgnacnn	nnnatcttgn	ggtanaaggn	tnctanagcg	ntatntnntt	agnggnaaan	960
atantntntn	gaggtatcat	gagnntaact	ctcnnatnna	nnctgatnta	cctcacgtng	1020
tgtgnatatn	ntntcantnn	atctctanat	ncntatanat	atcgcanaan	atntacanca	1080
cnnnngtnaa	tatantnnnt	annntntacn	ggantngagc	tctacagatg	ttntcganna	1140
anatttttang	anaaaaatag	gtacanatan	ntgngggnac	tnataaaaacn	nganggnnnn	1200
tnnttttnnaa	aaggnnnnac	agnactttcn	atnaatagga	tataactcca	ngagcnactt	1260



tancccanag	atcatntcat	acgngna	annnnnncta	ncataagnct	ntggccna	1320
tacnngctnt	atancnacan	gnnnnca	tnnggaaagn	actctatnan	ganann	1380
cgncanacn						1390

<210> 4488  
 <211> 960  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(960)  
 <223> n = A,T,C or G

<400> 4488						60
ttctaattgc	tngetctcgc	tctcttgagg	gntccctcga	ttcgaattcg	gcacgaggct	120
cgtgggaggc	tgaggcagga	gaatctcttg	aacctaggag	gcagatnttg	cagtgaagcca	180
agattgtgcc	agcctgggcg	acaggggtgag	gctcttggtct	caaaaaaaaa	agtccacatc	240
ttcatgaacc	ctnagactct	ggagttgggg	tgtcgggcttt	tttagcccag	cttttgtggg	300
aattgccttt	tgacctatta	aagaangaaa	gtggggtaat	gggagtncca	gccactcaag	360
agactnggat	atcccccccc	aaaatggggt	gggttaccca	gcttttggnn	cccntnggaa	420
aaatgaaaat	ctnaaacctn	tntcanctgg	gnttttnncn	tttgccaaan	ttcattttng	480
ngtttttaaa	nttttttctt	aattnaccan	ttaaaactcc	cttatttttc	ccatggttct	540
tncaaggggc	cccttggggg	ttnaacanga	acnaccagc	tttnganttt	ttaanaagcc	600
angaccattn	tgggcggaaa	ngaaaaaacc	aatggggcaa	tttggaatn	ggtgncnnga	660
agtnccnnn	accaaaatng	tttaatttta	attattaccn	cccattccna	aaatttttna	720
aggaanaaaa	aantggnaan	tttccttttt	angggtttcn	aaaaccctg	ggaaattnga	780
tttttaang	ccncnaaatt	taaaaaccct	ggtttgccaa	angttccaaa	naaaaaatnac	840
atnttacnat	cctcttcata	cctaatenct	cnactacctc	aatncttntt	ncanatctnt	900
caactnttna	nnattnccat	tctngatata	canntnanat	aacnnatnnc	ncntanaaan	960
ntnnttatct	nanataatnn	ttctgcnatt	cnntctcatc	cctctnatnc	tcnnnntnct	

<210> 4489  
 <211> 1024  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1024)  
 <223> n = A,T,C or G

<400> 4489						60
aatncnaggc	tctcgttctt	tttgcaggat	ccctcgatcc	gattcggccg	aggattccga	120
gtgtttacta	agcctgttga	ccctgatgag	gttcctgggt	atgtcactgn	aataaagcaa	180
ccaatggacc	tttcatctgt	aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	240
gactatttga	gagatattga	tctaactctgt	agtaatgcct	tngaattcaa	tccagataga	300
gatnctggag	atcgnccttat	taggcataga	gcctgtgctt	taangagana	ctggctatnc	360
cnntaattta	aagaaaaacc	ttttngaaac	cttttnncgc	tnnttngnan	gaaantttcn	420
ggaatntttt	aaanaaaaaa	angnttggnn	ncgttcccc	naaaaaattn	cccccccggn	480
ttttaactna	ccnctgggtg	attgggccc	aaangcccaa	aaatttnccc	ctcctttggg	540
ttggggnnng	atttaaaaag	gattccntga	ncccccgna	ggcccngnaa	attggganaa	600
aaggctttan	aggaacaccc	ccgggggttaa	ccttnccctg	gtggggncct	ttggccaaan	660
cnancntttc	cttnggcttt	caaaaatttt	taaaangaaa	ggganaaaaa	attttctngc	720
ccaaanaaaa	agggttccaa	aaaaaccttg	ggngtgacct	ttttaanggg	nccacccccn	780
ttttnttaaa	aaaaaaagcc	cnnaaanggg	ggaaaggaaa	tttttttnaa	ccaagggggg	840
cccaaaangg	ggattgggna	tttaggnccc	cccggaaaat	tggccccntt	ngggaattcc	

nccccaaaaa atttggnnna aa	ggant tccccccang gggaaaacct to	gaccc	900
caaaggtggt tagaatccat tn	gggga cccggaaaac ncnnggagaa gt	tcggg	960
ngggaagaaa attnanaaaa ccgccaaant	gccnttttn aaagcaaact tggaattggg		1020
aaaa			1024

<210> 4490  
 <211> 834  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(834)  
 <223> n = A,T,C or G

<400> 4490			
gnnnnnntnn nnntttcaaa tgcttngcan	tcgcttggnn gcaggatccc ttnggaagcc		60
nttgacgac acgtggcgtn ccgctgaatt	naagcatatt agtcagcgga ggaaaagaaa		120
ctaaccctct agttttaatt ggacacttct	ttgctgnngc aatctatgcc gngtatnnnn		180
gctntaagtc agaacccttg attacaaaac	ctcgagcncc cccagnagtg gtgctgtatt		240
gtcaaagcgt gntctgtaat atttcctcta	atttactcag aaatgaagta tatgggtcat		300
taagcttaaa ggggaacccat ttgtgaatga	atatttggaa cttaccaagt cctaagagac		360
ttttggaaga ggatatatat agcatagtag	cataccactt ataaagngga aactcttgga		420
ccaagatttg gattaanttg gttttgaagn	tttttggata taaatatgta aatacatgct		480
ttaatttgca atttaaaatg aaggggntaa	ataagttaga canttaaaag aaatgattgg		540
taccataaat tagtgctaan gctgaggaga	actacaggnn ttcctttgga ttaaggattt		600
gagangagtt ggtggggcat gcaaattaaa	atggaagaan ggaaaaaana aanaaaaaaa		660
aaacctcgga gncctctnga aacccattag	cgggggcngn nttaccnng aancncngna		720
catnggtnaa ggaannccan tggnaanggaa	nttnnggggc aaaaaccncc caaccntgga		780
aangccanng gggaaaaaaa aaaggccttn	aanttnnggg gnaaannncg ggcc		834

<210> 4491  
 <211> 940  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(940)  
 <223> n = A,T,C or G

<400> 4491			
gtaggcccgg nttaagtttt acnnttnaaa	ttttcagcca cngantgggt ccntnncgnc		60
cggnnttctt ggaggggttt ttntggattt	tctnttttcc tnncnacccat tttcattncc		120
ttcatnatnt cngngccent tacntttaaa	ggtnttaccg tccggtatng cntaatggaa		180
ggggtaaaat cnggnnaatt catggnttgg	ccattctggc nctgngtnc ccntncnnan		240
aggncctnac cnaaccttga tggggncntc	tacttcccc ctaagctttn ttgtgccacc		300
tngttgnttc ttaggtacaa aactattcca	aatggtacct gncctggatc cntnggccaa		360
tggggaccnc atgggtaaga ttctgggtnt	ttttaacccat naaaaaagng ccattaaana		420
tcccggntna agattncaaa atgntattgg	gggcttccat gaatgggact tngggactgg		480
aaattctctg gggantcaat gnaataatgg	tnaatgaatg tgaagacctn anaccntgca		540
ntacttggan acttcttana cacttggtgc	aatttnggat attacctana atttatttta		600
aaaatgggtt tttcntttcc ttttaagtaa	attaaaattt aacccttta ggcttttacc		660
tggnaaaacc ttnttttttt ttacccttcc	anttaaaacc ctttaaaaaa anttttttaa		720
aaantttnt ttggggaccn tntttttttg	gttaaaaaan aaaattttta gccntttttn		780
ancccccccc ctnntngaaa aaaannnttn	ggnaaaacttc ccngggggnc ctttttaaaa		840
aaccttttag ngggggggnc cgaattttac	ccgtgggaaa cccncnnc cttttatnaa		900

<210> 4492  
<211> 840  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(840)  
<223> n = A,T,C or G

<400> 4492  
taatanctng gctatngttc tctttgcagg atccctcgat tcgacaccca atggcgggtn 60  
acgccggtgc anaggggggg cccggggggc ctggtggccc tgggatgggg aaccgcngtg 120  
gcttcgcgg aggtttcggc agtggcatcc ggggcgggg tcgcggccgt ggacggggcc 180  
cggggccna gcccngact tncngaggca aagccnagga taangagtgg atgcccctca 240  
ccaanttgng cccttggtca aggacatgaa gatcaagttc ctggaggaga tctatctctt 300  
cttctgcct attaggaatc agagancatt tgantttttc tngggggcct ttttcaaaga 360  
ttaaggtttt naaaaaattt nccaatncnn aaacanaccc ttccggcaac gcaccangtt 420  
naaggcattt gttgctatnc gggactaaca atggccacct cnggtctggg tgtaaagtgt 480  
ccaaggaagt ggnccaccgg catncgtggg ggcattattc tggccaaanc tcttccattc 540  
ntccccctgc cncaaaaggc ttacttgggg ggaacaanat tnggcaancc ccaaaanttg 600  
tncctttgca aaggtgaaca aggnccattt tgggntntt gtggcttggg ttacccccctt 660  
aatnncttng gaacccaan gggcaacttg ggcattntan ttttccgta acctngtggc 720  
ccttaaaaaa aaacttnttt cattnantgg cttggggatt ccaatgnant ggcttacaaa 780  
ctttaaancnc ccgggggctt tcaannttgn tcaaaccctt tngggnaaaa ttttgnccnt 840

<210> 4493  
<211> 760  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(760)  
<223> n = A,T,C or G

<400> 4493  
cntttttgaa ancccttggc tacttgctct ttttgcagga tcccatcgat tcgaattcgg 60  
cacgagccaa cgtgttaggc ctncnnngca cgnnnctnaa gctgnttctg aatgagaccn 120  
agnncntga antnccaa gacatccccg ngaagacttt gaatatgaan actgngtgtg 180  
tcnatngtt acnaacaaca ntatacttct nncntgtnt natcaatggn natngggnaa 240  
cccttccta attacacctn tncctacac atacntnccc atnnacacac acntgaacac 300  
actgangatg tnccttttaa gtgtgngtnn aatntgctgc nngnattgaa attnaaatgg 360  
gattgatnan tcaagtgact tgagacctga cagcatcttt acactnaanc ttagacannt 420  
atgcntcat gtgggcagca ngttacaatg gtacttnagc ccacagtnta ttgctatact 480  
tgagttctta actcanaaca tatattntga tttgaatggc atantgtata tatnatttca 540  
tgcnttttta aaattatctn anaccncttt natganatgg gcagnatgat aantgtctaa 600  
cacctgggat ttaactggat aattttgctn gaacttttta ngttttganc tnttcaggac 660  
nagttaacag acctcanant gttccaaagg cttaaattgn naactcnaag ccctttttna 720  
aaattnatgg agtccaannt tacctgggan ccaggacant 760

<210> 4494  
<211> 793  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 4494  
 tnanngtana agacnncgng naaagcccat cagccggaan gcaaaggncg cgggtggccc 60  
 caagagnggg aggagtgggc tgacagaagg cccnnntccc anccgcgcac nggcngaccc 120  
 ccaggggcta ggatacngga gatgaggaac ngganaagg gcncaaagag cacanntgac 180  
 tggmagagga cacagagctg ncctncaagc anangaacga agnncncata cccnggaac 240  
 ctncctcct ccaggtcac accncnagct ccancaanga nacctnangc gacaacannn 300  
 aagnnccctn ccccaacct gncnncagc ccnaaangaa ngaacacaga tgaanagccc 360  
 tgaagacanc nggngnccac aggngnggcc cgangcnccg ggtgaaagtn gaaganngac 420  
 cagtaagagg gaagaaagaa tggctcctcc ctcanttcag agaanacatc ctagtcacaa 480  
 gngcccctaa ngcacncaag gtctnngana gctacattcc ctactganc ccagnagaaa 540  
 nacactacca actgangcac canctaggat taacaacnag ccaagcctcc ccttnccttt 600  
 cncaaggaaa cntcnccca caagggccnc cccaatccag aaaatgccta taaanccctg 660  
 gccaaacttcc ggggaaagg gaccnccng aagaaacaaa ttnaaaaana aaaacnaccg 720  
 ntaataagna accggggnga aaaaaggncn aaccnccaa agggcccccg ggcaaaaaaa 780  
 atccccaagg ccg 793

<210> 4495  
 <211> 1487  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1487)  
 <223> n = A,T,C or G

<400> 4495  
 agggggagg gnnnttttan cncnccccct ttagggngga aaaaaancc cccntttttg 60  
 gggagaaaaa aaggnccccc naanntangg gggaganatg nnngaagagg gnnannggg 120  
 aaagcanacc naaagngggg anannnncng nnaaaaaan gcgnggncaa gacagnaagg 180  
 ggggncgaga gagnnngcng gggaganana aggggaggnt ntntgagnna anggccgaat 240  
 ngacgaaggt ncggatgggg gncannang ggnganagg gaaaggngna anggnntacn 300  
 ngngantgg aaangnnnat nngggggana aaggngantg agncgggcaa aannantann 360  
 ncggatang gnataggtn antgangtgg angntancnn agataggcgn agannngaaa 420  
 ntgagnatnn tgnnacacna tggggnataa ggcnnnnann gaangganca gganganaga 480  
 ngggcatant agggcgaang aagaannnnn gntaggatgg nngnaaaana aaantgntnn 540  
 ngaaagagaa nntgangnaa gtgncggaga aggacgaaga ataancnatg cggaagnann 600  
 aaggngnang tnnaaaagg cangaannca gaacatngan gncgaaaaag cacaggnnnn 660  
 anggaagggt gtgcnaagg gnaanaagag ctatnagggg gaaaggaagn ggntgnggga 720  
 annngaagan aaggggagg aagcaaggaa acgatggnan aagaanagg taaacgcaag 780  
 naggtatnaa naaaganaca ancangtga naggggaagg gngggncaca atgaangang 840  
 ngaatggnta ggacgcanna agacntagan ganagncaaa gacgtagngn caaagganga 900  
 nannnacgn agngnggaga cgtaagggn angngtnagn cnaanagata nggannnnga 960  
 aaanaggng aggagangta gaaagncgaa cagnnnnang ngagngtggg ngtaganaga 1020  
 ntnggaaaa aaggggacgc gtanganaac gnangacga angaggaacg aagcnaaana 1080  
 gagnnaggag nananaagcg aggaganaan gatnaggag agntgagana naacgaatgg 1140  
 ncganaagag agagnaggt ngcanngagn agaagancga nggagganna gantgacng 1200  
 nagngagag aantacacnt atnaggnnng agaagataaa ngcngagaa atngannng 1260  
 angaganacg anagnnatgn aganagnnaa nntagnagag agagagnng ngagagaaaa 1320  
 angtgagagg agaggnaaga ngaancng gnggacagga ngagagnnt atgnnnggn 1380  
 anggganagt gnnntntctg ngcnacann nnatnnggac nacgagatgt gcanaganan 1440  
 gnnngnaga ngngnntag atagaganna naggnataa gagacng 1487

```
<210> 4496
<211> 768
<212> DNA
<213> Homo sapiens
```

[illegible]

```
<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G
```

```
<210> 4498
<211> 760
<212> DNA
<213> Homo sapiens
```

<223> n = A,T,C or G

```
<400> 4498
gnagnccggt tcnnangcnt nggctnnatc caatgctggc taaagttcna ananctggca      60
acnccaggan ncangcgttg cgaattcggc acgaggagga attacaggta gcaaattatg      120
gagttggagg acagtatgaa ccccatTTtg actttgcacg gaaagatgag ccagatgctt      180
tcaaagagct ggggacagga aatagaattg ctacatggct gtttnatag agtgatgtgt      240
ctgcaggagg agccactgtt tttcctgaag ttggagctag tgtttgggcc aaaaaaggaa      300
ctgctgtttt ctggtataat ctgttgccag tgggagaagg agattatagt acacggcatg      360
cagcctgtcc agtgctagtt gcaacaaatg ggtatccaat aaatggctcc atgaacgtgg      420
acaagaattc gaagaccttg tacgttgtca gaattggaat gacaaacagg cttccctttt      480
tctcctatng gtgnactctt atgtgctgat atnccatttc ctagtcttaa ctttcaggag      540
tttacaatng ctaacactnc atgatngatt cantcatgaa cctcatccat gttcatctgn      600
ggcaattgct taccttgggg gntcttttaa aaagtaccac gaaatcatca tattgcatta      660
aaacccttaa aagttctggt ggnatcaca gaagaacaagg ccnaanttna aagnggagga      720
atTTtattat ttaaaagaac cttttgggtn ggatnaaaan      760
```

<210> 4499

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(799)

<223> n = A,T,C or G

```
<400> 4499
ttaagntttt tttggttggn nttttnaatn ttgccanaaa gctgnctact ngtnctttcc      60
gcannatncn ntcgattcga attcnccacg agctgatagg tgcncncntt aagacttttc      120
atagancnta ngncggancc nncaccttct cnnntgaang atactnacc agggnaatgg      180
tgnatgctgt gaacanantg gngaaccnct cantntgnta anattactna ctaanctcaa      240
aagttaagct nnancncaca cnnntatcct acctcntncn ctgagnntca ngttncacac      300
aaaaggncn aangccntng atcnacctna ttatggaent gntcatcnna ancctaatat      360
nctnctcngt acngtnmata tttncnacnn agcattcnct atcttncatc cnntnmccaa      420
nctggncnct ancttactac ttgcacctcn ctgtacccaa cntttccatc cattgnntnn      480
cctatcaaac tccttcantt atgnccttna nctcncgtaa anacnnatgc nnatcttgag      540
tncanacttt tnttgcgccg cngtngetcn ntttctttta ccnttggaac ccgnataanc      600
atgnntttta gaanaatnan caccnggnac cttntnancn ctanatatgc nctnnntant      660
gctntgactn ntaaaactann cttnaanngn ncttananc cttatnaantn nnccttnat      720
natagtntca ttaanggtan tccntttncg gatccattta nccctttnc ctttttgnnc      780
ctacntcatt taacnttnn      799
```

<210> 4500

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

```
<400> 4500
ggtgnnttcc ccctttgaaa ccctttanac aagctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag ctntntcccc cctatnaaat ttgcaacaat anagggtgga      120
gggtaatctn tntntccta tactgccaaa gaatgtgagg aagaaatggg actctttggt      180
```

tattttattga	tgcgactgta	aa	gnnca	ntattttctgg	agggcaattc	gg	aatgc	240
atcaaaagac	ttaaaaatac	gg	nactt	tgtgctgnga	actntacatc	ta	nattt	300
ctcttttaaaa	ccatatcaga	gatg	cataca	aagaattata	tatnaagaan	ggtgtntaat		360
aatgatagct	atantaatna	ataattgana	caatctgaat	cccttgcaat	nggaggnnaa			420
ttatgtctta	gntataatna	ganngtgaat	canccaactg	aaaatnctnt	ttgcataatnt			480
caatgtincta	aaaagacacn	gttgctctat	atatgaagtg	aanaaangat	atggnagcat			540
tntatagtac	tagntntgct	ntaaantgct	nngtaaatat	acaaaannnc	tagaaagaaa			600
tatatatanc	ctngtnattg	tattttgggg	gagggatcct	gggataantn	nntatgntcn			660
tngaatecnc	tctggngtct	tcacattttt	ctaccannga	atttaatcna	atagtaaagt			720
tggttgnaaaa	aantcaaagn	tnggatttag	aaagatncnn	ttcttgaaaa	nacctgcttt			780
tggtaaatga	aanc							794

<210> 4501  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

tggtttttta	ggtttgntt	tcnaatnngn	ctaangctgg	gctcttggtc	ttttngcagg	60
anccctcgat	tcgaattcgg	cacgagatga	gaaccagaac	aagtctggca	gcgaggccgg	120
cagtcctcgg	aggccacnaa	gacagcgggc	agatcaggac	tcagacagtg	accagccatc	180
cagaaagaga	aggccctncg	gttctgagca	gtctgacaat	gaatctgtgc	agtcagggag	240
aagccactca	ggagtttctg	agaacgactc	tcgcccant	tctccaagtg	ccgaatcaga	300
tcacgaatcg	gagagaggat	ctgataatga	gggttctggc	caaggctctg	gaaatgaatn	360
ggaaccagag	ggatccaaca	atgaggcctc	anatagaggc	tcanaacatg	ggtcagatga	420
tagtgactag	gttttatttc	atcaataagc	ttcatctctg	gaggaaactt	ttttaatata	480
tgaaagtctgt	gatcaaaatg	tttcacatgt	ttagtcaatt	gtgaaatttt	tcttaangca	540
attntctttt	ctatcanttt	gtatattact	aanccccaag	agacattttc	tgtgctagna	600
gtccaatatt	ttgagtctct	cntgcanatg	agacttattc	ttttgnngta	caatttcccc	660
tatcatatgt	gaaaaactgc	tntntcaa	ttanccctta	tgctanantn	attcctacna	720
nannttctnc	ctgntanctg	tngctacaan	ntntattnt	nttttntnt		769

<210> 4502  
 <211> 1338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1338)  
 <223> n = A,T,C or G

agggngntc	tttccacccc	ctttgtttgg	aaaacccccc	ttttgaanta	ccaagcctna	60
ctttggtgtn	cttttttttg	ncanggnaat	cncccaattc	cgncatctnc	ggnaganagn	120
tcccnacaca	ctagccagna	cacanatctc	atcaccaata	acnngttttt	tatcantatc	180
nnncnanncn	ntcnncncga	ntntnecgng	tangntgtcg	acaantntn	tncnctnta	240
aannnnncnn	tntactatna	tcnatngtca	tentcancna	ntntctntnn	ctancgnann	300
nnntnctctt	nnctantctn	actnngnnnc	anntnnnnan	atnnnnnctn	ctannaacan	360
cacnnngnta	tntnacnnnt	ntnacnnttg	ncnctnannt	nnnantncta	tncanttncn	420
ncattaacat	nnccccnata	ncaannntna	ccnatcanat	acntttttnn	ganacnnann	480
nancnntctn	cttnccnnnt	ncctaacnnt	annnantctn	cngnnntttt	aanncttnnn	540

tnactnnac	tactnataca	tttntann	ggntccanna	aactnnagtn	nnntana	600
ctgatnnna	tnnnntnctt	cnnttnc	nnngtantt	nanacnnacn	atnnctt	660
ttcatnncnc	nanttncggn	aatcatntgt	antntaanan	naantcctan	nntcgncnct	720
cttcncttnc	tcgnnntnt	atncaactnnn	atnanntnac	taccactnct	ntatntcata	780
ccagantata	natnttnaaa	tcnnntntc	ncnnancnnt	ctctcnncan	gcnnacgac	840
nnnnantcan	tttngtncan	tgaactaant	aaaantgtct	nttctatatc	nncagncnat	900
nnntnataa	atactctctc	atnnatnntn	atnacacata	tntntncnca	ttctcctatn	960
atctgnatat	nntcgtcnnc	ntctcngana	cnnncactct	atgatntnt	ntacncacta	1020
tatntacnan	ngtatgntan	gnnacatana	angcttaaac	tnnanangna	tacgacttca	1080
ntatncata	taacnctcg	ntatgcanan	aatcgnaactg	ttaatgactn	gtatntcgat	1140
acnctctan	angcntnngt	atacntntng	gtcnncanan	cttcatntac	nctngtantt	1200
atgntatata	tangcacnga	nnncnngnag	anactnanta	cacccttata	nnttacnana	1260
nnatatntc	taatnngncc	tctntnactc	tcnacgntan	gnnnnactgn	tatnttcaca	1320
cntaantatt	ataatncg					1338

<210> 4503

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(884)

<223> n = A,T,C or G

<400> 4503

cncnntctna	tnggggnang	tnggtctntc	ctacctcttt	nagganaccc	tctcgcctaa	60
nancnnggct	ggggcgaatt	cggcacnagg	gaatggatat	tngggngga	gantannnt	120
nnattncctt	taggatcngg	cactgtggag	gaactttgga	aattgtnacn	tgctcacatg	180
ttgnacatgt	gtntcggnan	gcnnacactt	ncacctatcc	aggangcnca	nggcngatta	240
tcaataacaa	taacagacga	cttgcccaag	tctggatgga	tgaattcang	aatnatcntc	300
tatatnattg	ctccatgngn	tacaaagggtc	ncattatnna	tatatatcnn	cnnnanatgg	360
acttanacac	naacntcaat	gcnaacactt	tanntgcanc	ctncanactn	tanntnctga	420
ncntntantn	ccacnncnnt	ntanctcana	gggaganana	caaantnntn	tagcnnttcn	480
aannctacat	atcccagnnt	cnaaaagagn	ntgnctannc	tgggaattntt	taatggccan	540
nggtctgggg	ngtaaatan	ngatcantcn	ttataactgc	ctacnctnna	cnttcncaac	600
attatgaacc	ntttgctnnn	cgaantgnnt	tcccaanncn	ttaaatcgng	nccctntcac	660
cnaatggcnt	caaanatgcc	caancnancn	cttnaaaaac	gnnctncccc	anacttttg	720
gngcanttnt	tgacccccca	ctnggaantn	atttancatc	ccccnagtct	acccntttt	780
ttggaaaccc	nngcnaaatn	caatntggnc	cccttnnnna	acttnnacac	ccccccnncn	840
aancaantg	natttnnncc	cccnngctct	tncnccnac	nnnt		884

<210> 4504

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4504

tgggtggctn	gggggnnnnn	nnggnngttt	ttcttnnntt	ngtntggng	gnccttttac	60
tcgcccctaa	natcaganat	tggggtnngg	gggggnntg	gctcgtacc	tntgnnttct	120
ctnagaatna	gtgnnttgc	tnnnntngtct	ggggnatctc	nccnnttttt	ttctnggggg	180
gntntnnnnc	ntnggggggg	ntntcntngg	ggcncnntgn	ttgctancct	nnntngtnt	240



cnatgntntn	cnttgntntc	nn	ttntn	ttgtnattnc	ttatncactc	to	nttnc	300
natactcat	gttggtgnet	tt	tttnc	ncnaagttcc	cnntgntcna	tn	nttat	360
ncnccnnntt	tntgctntcc	ttttntnta	nagtgnact	ntctngttnt	tncnctntt			420
tacnnanntt	ncttntant	tttncnttt	tntttccnnn	ngctgtnnan	tngggtnct			480
cngctttctt	ctcccgtct	ttctcaatcg	ttcctnnctt	nttctnctt	gngnccctgt			540
tnnattttnt	tnntntnccg	anctcnttac	ntccntcctn	gtaattntcc	ctnctaateg			600
tntgcegnnt	ntcccttnat	tnntctttng	ngatnctntg	gnatctcnnt	tccttangtc			660
tahtgctnt	ttgttccnta	nangcnenta	ttntgtgncc	tctcncgntt	gnggttctct			720
gtttgtnnng	cnnctgtcc	tcttaaant	tgtcctntgn	ttncannngn	cntttntang			780
gtctntngnc	ccttnttnac	cnactttgtt	atntatccgt	cnntcggtna	gttcnncnna			840
tgtcgttttt	ntngcnctan	tgtncctgct	tctctnntg	nnnctcnnt	cntcggtntc			900
nctatgnngc	tatgttnnt	tntcctntc	tttccattnc	ngcgnnaccc	cctttntct			960
actnttnatc	ttctnatnac	ctntntnnn	ttctnttag	nnntntnnn	atctctngn			1020
tgtttntctc	tcnnnccctt	ctnntgngnc						1050

<210> 4505

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4505

nttgnattgg	gcggtngagg	gntgaagggc	ccctttttct	tttttcctta	aaatggcttn	60
gtggagcanc	tctnnnnntnn	cctctganac	atcagaanat	atgggggnetn	cggngcnncn	120
nnntaccacc	ncantnctnat	gctagctncc	nncgncenca	antctnctng	accnncggn	180
cgcctctttt	gtntctngan	tnnnaacctg	tnnancccan	ntnactctan	nnctntnnngn	240
ctntgngcag	ctggannnnn	ncnacnnna	ancnngcact	agnactncca	ntnantgnat	300
ntctnagacn	cnnnctetna	ttcnnttgnt	ctcaagtca	tnctctncnc	ccnncncca	360
accaccnncn	ancacctggn	gccccacnn	catncccnca	ncactancan	ntcctaacc	420
tcantctnnc	ncacnecgacn	nnctncacat	ncntntcngc	ctctnccnc	acatntctt	480
acntttncat	ncntcccaa	naacttntnc	tnntcccnac	aaacacngcn	nnnnnncgct	540
ctcnntacnc	acnnectnnn	cnntantcnn	tcganttccc	cataatnctn	tnnancnngn	600
ttcncnctn	nattccctct	ccctagnact	netctcctcc	ntctttatca	atcnnnccca	660
nccccatcat	ccctcnnnn	ccctcactt	ccttctcact	tcngacactc	tctntntatc	720
nncacnacnt	anagctcata	tnnccactcn	cantatnnat	cccttccctn	ctactcnnta	780
tatctcnaca	cttctntctc	ncactacct	nngcgntcnc	ttntctncac	nanntnctat	840
ttctnactn	cantntccta	ttctctttn	nnncnanatc	tcacnnctc	ttctcgcnc	900
tgtcnacann	ttcnctntcn	cactnccctg	nnnatnnnnc	tnctntntct	cnntntnact	960
catntntcat	atacctatc	tantatctnt	ncnctcnnt	ntntctttcc	ncactccntg	1020
cnaccctca	tcnactcnnc	cntanctcac	anntcnctca	cnctcancnn	ccnccctat	1080
atcactncca	tnctctnct	cacgtttaca	ctactcacac	tcnacntnnc	atcactctn	1140
nttcnncnnc	tangtncnnc	ntactntatc	cactctntct	cacatctcnn	ctacncanac	1200
ntccncacna	tcactctct	acnctntna	netnattacc	nntcactctc	ccctcannac	1260
cctctccgc	tctnctcata	tctcennngn	ctcatnttct	acatntttca	ctntatange	1320
tcctctcact	nnnnccnca	ctatacgtat	atcgaanaca	acgtatntna	aaccnactn	1380
ntatctanac	tctctccnnc	tncccatat	tnaccttcc	t		1421

<210> 4506

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(952)  
 <223> n = A,T,C or G

```

<400> 4506
ncttttttct atagngcnnt tnttggggtc tttctttcca nanancgtgt nntcctcct      60
cncctaaana gnnaggctgt ggagnnacaga ccnccnatat gacacnntan atncttaata      120
annnntgatt ntntgccaga ngcnctctgc antggnacng tnnngggngg gtgaacacac      180
nctcntgcac ggntatcnag ancagncttn actnatnctg gactacaatn atgtgagata      240
acacanacat tanntnnaan nmananactn tattcntntn tnactaganc gntcctncga      300
tnggaatncc ctctcctna ngaaactagc atggatgttc acattcaagt gtggggatnn      360
ttatcaattt gctatttnat aaaanatacc aanntntncc ctntncaana taattnnct      420
cngatatatg gtccatccat ttantgaaan gctnttcncc ctttcaaaan gatacnnatn      480
angncanncc cngtngcctt acttggctna ttaaacnna natcantctt gnnagatng      540
gngtnttcca ccannntttt ncccnaagcc ttannntacc taacctcnct gntcctccaa      600
gctnctaccc tttccaaccc tcacgcncn tcncaaaacg tccctttnc tactctcnnt      660
ntttcgaann tcccnaattn taccattn ccenttcccc nctagccent naattntanc      720
cntttncctt tatntcnnc tncacttttc gtntccnct nccctcatac cactttttct      780
nnnactncca cccgcncnt cactactcat cagccccctc aactnctnnc ncatnanatt      840
ttnacnct cantccctt ctntnnccnc tctntntttt ctcgnacanc ctccactcnc      900
ntctatcngn cnttttcn nntntntctc cganncnnt nctcctccca ct      952
  
```

<210> 4507  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

```

<400> 4507
nagttttttt tgggtgggntt ttncaatcc ctcttccag ccaggatctc ntntntcct      60
naanaaaagg ntgtggcgaa ttcggcacga ggtgagcccc acaggaataa aaaacactgg      120
gaaggggtaa cccctcacc cccgggagtg gcccgagggg agagaggcta cctganggga      180
angaagcaca aaanggaccc gctgcagact cagggcaaan ggaatgccat cngngctggg      240
acctgtgagc actacangag gaaacgcaag cntggtggna ctggttccag ncacacaggc      300
aaagggcaaa aggggtggac actaanccnc aaagntactt gggttcctcc ttcttctnnt      360
ttgccttttn ctgctnctnn tncatganct ccaagtccct ntgnttgcg ggcgcagcan      420
aaagcccgtc atttcggcgc tttcccttaa ccnancgnt ctgcttttc atattctnt      480
ggcgggtcaan ctacgcgtg ttaccgcggt tnatggctac ngcagcggnt ccaacctgct      540
ccgttacgtn ccctttgttc tgtcnnaent tncangtccc ncccttntn ncaacgtacc      600
cacagtcctt cttttctcc ccgccccctt gcgccccgnn agcccngntc cccatttgn      660
caataaaaaa gcacctntga ttcacgnc tcnngccttg aatccccctng tctnttaaan      720
ngncnnnaag ntcccnaat cctnaaaccn ccnncatctg ntgaancccn ngncctttcc      780
cntnngnnt
  
```

<210> 4508  
 <211> 1454  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1454)  
 <223> n = A,T,C or G

```

<400> 4508
agggggggnng ggggnnnnttt ttgggncc nccccccett ttgtnttggg gnaaaaaa 60
cccccccttt tttnngggggg ggaaaaaaa ngggggccnc cgggttnng gggaaagggg 120
gntggcngnn ggngggggnt cgnggggng ngngnngngg tgttngggng ggggggggnn 180
gtgtngnggt nggtggnnna ggnngggag gtgnnggggn ngggaccncg gngggngngg 240
agnngggngn nntgtngngt ggttttttt tncgngngnn gggggnnna ggggaggggg 300
acggggggng tnggtnggc gngntnngtg gngggggggg gngntntggn tggggcntgg 360
gtcgtnggg ngcngtggt ngncggcggn gantggngtt ggcngtngng ggggtgcncg 420
ncgcnngng nagngggcg tggcnnngg cngncngca cngggggggc gtggggcngg 480
gggncggng tggtnnggg ggcgagnggg tggggggggg gngnagnggg agnagnggg 540
ggngggtga gggagagggg tgggngngg gnnntntgn gggggatgtt nggggggcga 600
nngcgnnggg ngggggtggn tgtgggnnnn gggagngnga gtggnggntg ggnggtngg 660
gtgngnggg ggggtgtgt gtgagcnggc gagnggtng tgtngnggg gnggnnggg 720
gtgngggctg cgtgacgntn ngngagagg tggngaggng gngngagtgt gtnangtgt 780
gngacgtgt gtgtgggtgt nngtntggn tncgagng nggngngtga gncngcngt 840
gngntgtgt ngtggagcgt cngngcgtg ngngngngg cngncggng tgggannatg 900
ggngacngg tggtnngng gtgtgngcgc gnnngtgncg gggacgtggn nganggggtga 960
gcgncgggg gaagggtgt gagttgtgan ngngnggana tngannng tgtggtgtng 1020
tnngaattg gcgancgnat gngtgcggc gcngtgnggg gcgtgtngg nnnntagggt 1080
gnccgaggat ggggnngngn nggtgcgggg gtgtgggtgt ggtggngng cngacngcng 1140
gtgnttngng ngngngggct ggtcncgtgt ggggggacgc ggaggtgng atgcnntgt 1200
tgcgtggcgg ggnngngcgg gngcgaggng gcgnanagt gggggtgnt ggttgtngg 1260
gnggtnggg gggngngng gnnrtgtcgg gggngcgggg ngcgcgctng gtggtcggg 1320
gggggggat gggncngtg gcggggngnn nnggagtng gacgngggg gcggngggan 1380
gggggtngg gtgtnggtg gtgtgggcgc gngcngngg ngnggagcgn nggngtcng 1440
ggngganggg tccg 1454

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<210> 4509

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(895)

<223> n = A,T,C or G

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<400> 4509
tttctaatta tcanggngnt cgnnactnnc nctananana taggccttgg ngaattcggc 60
acgagaactt cntnaantgg tgtntncac cnttngcaaa caggntntna agatgtgcnc 120
tttgggnntg ctntttggnn acatacatgn ncnttacngn tatctntang nnaactcna 180
aactntctng aatttgnca cnntgcnatn tattgtgtga agcgtgcac tanctcacgt 240
ttaccantaa nggtgccatt nccccatttc attatntncc acttataagg ctcaaaagaa 300
nttgteccca ttccggccca anacacnctn tttagnntga atggntgaat tggcaaanca 360
tgaanntcaa accnattanc cgnaactggg cancnatccn caanggcctt cntacctgga 420
ncttgttnaa ggtgggaanc cnttcccttag gttccaaaan ttgtancatt ttacccttgg 480
cnnggtcatt aatttnatc ataacnaagn ggtcnathtt ntncttnat gaccccatcn 540
gtgaaaaaat tncctaatec antaacccca ancentgctc nttaatcca agtccntcng 600
ccntnanang aattncctt nncnanaann ctngatctn ntntntnca agcangnanc 660
nnggccngc nttnggngga anaaatnccc ttgnttnaan cacantcna nccaaggtn 720
tncaaaaann ntectgnaaa tctnttttg cnnannggt cttttaccn tanccnttc 780
ccaattggga atcacttgca antngancn ngtgcntta gantttgggn nnaaatnggn 840
ctaaacctn ttggnnntnt tctctntcc gcnnggaca atccttnncn anacc 895

```

<210> 4510

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4510

tggtnnnnnn	naggttggg	ttttcaattt	tntctana	ccngnctctc	gttctttccg	60
caacaancnn	gcgntcgaa	ttcggcacga	ggnnncccgc	nngatcagnt	nttctnnnac	120
tcantaanna	cttctgggtn	acnggatcaa	attgaatctg	cntaggetgc	tgtatntgga	180
gganncnngt	tcgcngnant	aaaanctgnn	catnnngang	nctgancnnt	tnccnnaaag	240
gntangtcca	ntgnnnctga	tcancnmcaa	ntacncagnc	aganatccaa	anaccagtna	300
tatatgtnc	nttgctcagg	gggtgtggnc	ccaatttcna	tngagntcna	cngcnnnnct	360
cnngaactnc	ntcnactt	cttncanntn	gtcnngnaan	ncnttnntnc	atctnagctg	420
gcacatgaga	gtaccntct	gctatgccag	aagtatgaca	ccaccaggtn	atagttccta	480
cgaccnttac	cactgtgact	gattgagtgg	tgtgagaatg	agngactncc	atnngattnc	540
ncatttncca	tccatctagg	ngccactctn	tnngcatnga	ttntccctg	gnaccnaac	600
tctnnngantn	ggatgacttn	tcntnagant	ngattcttaa	nacnnga	ttgatgatnc	660
tacttatacn	gnatttttgn	ccctncngna	aangcattga	agtnggttan	ntaaaatagn	720
naacnacccc	anttgccaat	ttncctaaa	cncctaaagcc	tnaccccgng	angggnnnn	779

<210> 4511

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(10)

<223> n = A,T,C or G

<400> 4511

nnnnnnnnnn

10

<210> 4512

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4512

ngtntatagc	ttntaatgc	ttcntan	cgattcg	gancg	agagaagccn	tgagcagcaa	60
agtctntcgc	gacaccctgt	acgaggcggt	gcgggaagtc	ctgcacggga	nccagcgcaa		120
gcgcccgaag	ttcctggaaa	cgggtggagtt	gcagatcagc	ttgaagaact	ntgatcccca		180
naaggacaag	cgcttttcgg	gcaccgtcag	gcttaagtcc	actccccgcc	ctaagttctc		240
tgtgtgtgtc	ctgggggacc	agcagcactg	tgacgaggct	aaggccgtgg	atatcccca		300
catggacatc	gaggcgctga	aaaaactcaa	caggaataaa	aactgggtcaa	gaagcttggc		360
caagaagtat	gatgcgtttt	tggcctcaga	gtcttttgat	caagcagatt	ccacgaatcc		420
tcggcccagg	tttaaataag	gcaggaaagt	tccctttcct	gtnacacaca	acgaaacatg		480
gtggccaaag	tggatgangt	gaagtncaca	atcaagttnc	aatgaagaa	ggtgttatgt		540
ctggctgtan	cttggttggtc	acgttgaaga	tgacnngacg	atgaancttg	gggtataaca		600
ttcacctggc	tgtcaacttc	ttggnggtca	attgcntcaa	agaaaaaact	tgggcagaaa		660

720  
755

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<220>  
<221> misc_feature  
<222> (1)...(1166)  
<223> n = A,T,C or G
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<210> 4514
<211> 1185
<212> DNA
<213> Homo sapiens
```

[illegible]

ngnnnnnnngn	nggggggnng	gggggnnn	gnngnnngnn	gggggnaaac	ggggggg	720
ggggggncgg	gnnnnnngnn	nnngggg	ggggnggggn	annggttggg	acngggg	780
ggggngngng	nggggccggg	nnnggacnnn	ggntnnaggn	gggggcnggg	nnnggggncn	840
gtttgnnana	aaaaaannga	aangtggggg	cntntgggac	nntggggggg	ggggggnttn	900
cggggggggg	cccggggcnn	gggggnnnng	gggrncnnnt	ggggnggggg	ggntnggggg	960
gnnanancgn	nngnntnggg	naaggggnng	gggggggnaa	aaaaanggg	gggnnnngnn	1020
nnnggggggg	gggaaaannn	ngggggggga	ngggggnnnn	nggggggggn	nnannnnngg	1080
ggggnnnnnc	ccnnnnnnnn	nnggggnggg	ggggnnngnn	nnnnnncnng	ggggnnnnnn	1140
nnnnngnnnn	gnnnnnnnng	gggggggggn	nnnnnnnttt	tnngn		1185

<210> 4515  
 <211> 1142  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1142)  
 <223> n = A,T,C or G

<400> 4515						60
ccncangggg	cccnaacaan	agggncncnc	nncttctntg	gncaggggga	aanccctttt	120
ttggccnaaa	aaacngccct	ttgggggggg	aaaggnnggg	ccgggnncn	nggggccan	180
gggggggnccc	canaaaaaaa	acnnnncccc	cccncntncc	cccctnnnn	cccncnnnn	240
aaannaaaaa	agggggaacc	cancnaaggg	ggggggccaan	anggggggga	aaantntaaa	300
agggggggcn	ccccaaaac	cngggggaaa	aaaanncccc	caagggggga	cccaaaaaa	360
nnnnnccnaa	accccnttgg	ggaacccaat	anccccgggg	naaaaccccg	gggaaaanng	420
nnnnaaaaann	cnngggcccn	aaaaaggggg	cccccccnaa	annntncccc	acaaaaatna	480
aaaagggggc	accntttncc	cgggaggnaa	nntccaaggg	gggggacaag	ggnnantttn	540
gccgggggga	aaaagggant	ccaccccccc	ccnaggaaat	caaggggnng	cggggaaana	600
gganggcntn	acccaaaacc	cccgggggna	cggnggccng	ccaangaaaa	agagaangna	660
ntntnnaaac	ccgggggana	aagngnaanc	ncgncgnnan	nggaagnggg	gnggcccccc	720
ccaaancaaa	angncccccn	agggggcccn	naacnggnaa	cncnnggggn	nnaaaggggg	780
gccnaaaagg	cccgggggcc	ccaaananc	anaccnng	nnngnnaaac	aaannnccaa	840
acccctgggc	ntntgggggg	nggcaaaacn	aaccccccg	angggggaaa	aaaaaatang	900
ggggnaaaaa	ggaaaccaaa	antgggggcc	ngggcnggna	aanggncgta	accccccg	960
aaaaccccaa	ncangncngg	gggaaanaac	aaggcnatgn	ngcccaccgg	cggccccang	1020
ccccancac	ccnnntagnn	tnctcccccn	ngaanaaann	acncgcatcc	cgggaaccca	1080
aaanngggaa	nagccnncgg	gggccaaggg	gnncancggn	nangncncnn	ccnccccggg	1140
gncannnccn	anacntnccg	ggcnnnaacc	ccccaaanga	anccggggga	aaanaagggc	1185
cg						

<210> 4516  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

<400> 4516						60
cacaccncaa	angcacnnna	aacnancacn	angnccgaaa	cgaccnnaa	cgcgcgcgcc	120
acnnacnnnn	gacgcggngg	aannnnccgc	gnaaaagacg	nagcganaan	caanacanag	180
cnnncacaaa	ncaccncnca	ccccccnccg	agtntggaaa	ccccnangca	aanaccacc	240
ccacgnacgg	cgaggggaaac	ccaaccgggg	ccgcaatntc	gncnacncng	ggnagatanc	

acnaaagnnn	nmccaccact	tn	taaac	ccagcaaaaa	caccacacan	gg	caggg	300
gggggncag	gganggnac	cc	nnna	cccacanaça	aaccggagnc	gc	gccac	360
annacacggn	gcacnaanca	ac	cccccaag	anacnaaagc	ccncnanggn	aanagcccna		420
naacganncc	ancnccanac	aacc	gaacac	acnaacgcna	cngaacaaaa	accangcnac		480
agagcccanc	gcannгнаag	naa	agcccac	acaaanagca	cgccngnaac	nagaaagccc		540
aacagacnna	caacagaacn	nana	agacaa	acccccacggc	ncnncaanag	cccacganac		600
cacgnaancg	nnacccccaa	gcanaa	agcg	agaggaaccn	nnncanaaaag	ncgcgaccgc		660
ngcgngngà	nacaaggaaa	ncaanna	aaaa	aaangaganc	nccncacnag	cccaaanaan		720
cccgnnanaa	ccgcnnccc	g						741

<210> 4517

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4517

ggcanttgnt	cttttgcnga	tcnctcgttc	gaggacnctc	gagagtnttc	atgtactagn	60
atggtactgg	ctgncnnngc	aatatctnng	accaattatn	aaanaaatat	gtgtagagta	120
ganataaant	ggtaactagt	nnnttatnag	aggggaagtn	ggntggnttt	ataaattaaa	180
tgaacattta	tgcggtcggt	tatttnnacg	taaaaatagn	tggttatattc	taggnaacag	240
aaatttagaa	acctattttt	ctgtagaaga	aaggtgtcgc	tatctgctnt	tgatntctca	300
gatatttgct	tctccttaga	atgctatgan	cagatntnta	ttagaatgaa	gttntctaaa	360
ggctttgatt	ggcatgagct	nnattactta	ttngcttang	ttaangatta	gccaataga	420
catattatct	ttatggacca	ttgcaaat	ntctaanttc	taaccattnt	taacctttta	480
tatatgaatn	acnnaggaaa	ccatnnnatt	attataaagt	ntattcctgg	cncnntggaa	540
ngncactcaa	tnangtattt	gttaattgna	gntaaatgat	ccccagtnng	agtagnnacc	600
tnncangttt	ccnnggggaa	tnctttntct	accnaccgtg	gggggnttac	ctctnmaaag	660
attgtttttt	nggttcccaa	cttnaccgng	gaaaantacc	ttgggaaacc	tggnccccct	720
nnagnanaat	cntcgntttg	ggcnccactg	atc			753

<210> 4518

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(972)

<223> n = A,T,C or G

<400> 4518

nnnnactana	nacatncaan	tnnntcannn	acnctcanan	nnaacannna	tacnncnnc	60
ananatnana	natnncnttt	caccacanan	ctcactnccn	tacacannct	cnacnactnn	120
cnaagnggag	ggaanntagn	gantannaga	gganatngaa	angcggcgca	cantaatttn	180
taaaggnngg	ntctntaant	ncttggntat	cgncctcat	gnaggnacc	atcgannca	240
ctnngatcnc	cncacagang	ttacatannc	actgttgcac	cagcncagta	actaggtatn	300
tnacacctac	annactcaca	ngtgcaaggn	tnanngnncn	acntntaact	gctcttcatg	360
cttncanggc	cctatnnang	aaanccagan	atnacannnc	ttntactatn	acttaccaca	420
canagngagg	cnttngctnc	ctaaacnnaa	tnntatcan	acaagcnntc	catcaanatn	480
tctaantnna	ngggctaata	angaancaag	tcnncgtgnt	gtgtancctn	ttctccctca	540
ncanatacaa	tacaggagct	gatatgcctg	ggctcaccct	gcttaanaac	aaggnctcaa	600
cnatcngncc	ataccctnn	tattaccnna	gatgggaaac	ctctgnanaa	tgttgncact	660

ancctngact	ctantctctn	atctgcg	ncntatngt	caatcncnat	ntccata	720
anggttcaat	agcctataaa	aaacgccc	gaaattagta	tgngnnattn	nananaa	780
actcanntaa	angcattcaa	atcttcangc	ctaccatgac	cctatttctn	cccactntaa	840
ccaanatgnt	nactctcana	tnggaggaca	ncnccctgca	atnctctcac	ctccccatnc	900
ctcaacatnc	cacccangaa	accanaatgt	gntaancctc	nttncaacaa	aaatngnngn	960
ggtaagnaan	cn					972

<210> 4519  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4519						
tnagnttttt	ttgtggggtt	tctttttact	aanngctggg	ntatcgttct	ttccgcagna	60
accntcgat	tcgaattcgg	cacgagggga	ggagaggcgc	ggggagccag	gcctcggggc	120
ctcggagcaa	ccacccgagc	agacggagta	cacggagcag	eggccccggc	cccgccaacg	180
ctgccgccc	gatgctccag	accttgtag	attacttctg	gtgggaacgt	ctgtggctgc	240
ctgtgaactt	gacctggggc	gatctagaag	accgagatgg	acgtgtctac	gccaaagcct	300
cagatctcta	tatcacgctg	cccctggcct	tgctcttctc	catcgttcga	tacttctttg	360
agctgtacgt	ggctacacca	ctggctgccc	tcttgaacat	aaaggagaaa	actcggctgc	420
gggcacctnc	caacgccacc	ttggaacatt	tctacctgac	cagtggcaag	cagcccaagc	480
aggtggaagt	agagcttttg	tcccggcaga	gcgggctctc	tggccgccag	gtagcgcgtt	540
ggttccgctg	ncgncgcaac	caggaccggc	ccagtctcct	caagaagttc	ccgagaagcc	600
ancctngagat	tcacatttta	cctgattgcc	tttattgccc	gcatgncccg	tcattgtgga	660
taaaccctgg	ttctatgaca	tgaagaaagt	ttgggangga	tantnccata	cacaacacta	720
ttcctttccc	agnatttgg	actacttnat	ttaacttnt			759

<210> 4520  
 <211> 841  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(841)  
 <223> n = A,T,C or G

<400> 4520						
gtttttttgn	ncngnaaacc	cttggcannn	ncggancagc	ggacncggtn	ntcgnattng	60
gccgagggca	ttgaaacctc	cgttcatnat	ttttcggagt	taaanaggca	gcantngcgn	120
gnntgtacac	actnntanac	aggnnnnnnn	atngacttga	cctnntngaa	tctctaaatc	180
angttccata	tggatcgaan	gnccattatg	cnattcanat	gcngcccntt	ctnangngng	240
tgggncctnc	nacccntngt	gcncgtgcag	aactgannnn	gacggaccgc	ctcantcnn	300
ncnaacgtgc	aanatgtatn	nanncagggtg	aaggggaaca	ctaaccaagc	attgaggtcn	360
naaaaacagg	gatnnggtat	agtganctnc	ccnganagca	aaagnanntc	tgctcaccat	420
ttcccaggna	gctnagaanc	cgcngattcc	tgaantcaga	cacagaatna	annctacccc	480
gnngcaggaa	nctntcnntt	gaaaattttc	ctnacggngt	cnttaccntc	ttnggcttgg	540
ggantnantn	gggcaccaag	taaanntntt	ntgcncaccn	ntgggggnac	cctttccatc	600
tgaccatttc	nnngctctgt	aacttgacan	gnttnttttt	ccgcnattgg	gaaagntgna	660
ggggtgctan	agccttaaaa	atgnaanccc	cttttttttc	ttaaaaaanaa	aaaagtgttg	720
tccggctttt	attcnattgg	tngggatggg	ggggggagga	naaccannta	aagggttttt	780
ntcnngaatc	cccnggggag	tggnnccncc	cgantttttt	tgggttcaaa	annctttccc	840



t

<210> 4521  
 <211> 938  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(938)  
 <223> n = A,T,C or G

<400> 4521  
 gnnncnnntt ctnnaagggg gggcaggggg ggtttccctt tctnacagcg agtgaggacg 60  
 tcnnantcgc ccnaaacana atagggcggg gnaatgcacc accagggaca ctcagncctc 120  
 cnancggcgg gcctngngng aagaagccan ngggctgggc tgatgnnaat ggtagnnnac 180  
 anngatccct gggggcatcn cngaccnnan catacnagt gannancccc ntnatnnctt 240  
 tgnnaancnt nntgnaggan gcanttcact gctccaagaa cnetggtgcn aacttgacan 300  
 annggctcca tgccctgnag cccgcatgna tttgccggtg ncanacagag cacatccatn 360  
 ggggaaatgg gnactnatch atntgnctng aaaagnagat gccncaatcc tgcacancctc 420  
 accactcccc atganacntc tgcnnnggatc ttnagggacc ccccgtaact ggaaaacncg 480  
 nggcccgtgc cccactntaa tgcacnangc acnccngagg ggnggncntc tcaactgngcc 540  
 cttgctgncc acnagccct ngaccgncgc ccacctgang ancgaaaccn nagccngcaa 600  
 ccccnngtnn cccancaccg gcancctatc cccaagcaan nncctncnc ccccccttta 660  
 nnnccaaat cgttcccacc tnanntnacc nntcggncaa agtccaccgt tccnnncana 720  
 gggcntnnch ccnganatgg cnnnatnnaa cactngaang tctnngancn naacnnnnct 780  
 tccccaaana nctttnagcc cttngccacc ccnncctngg gggaanncn cctncggctc 840  
 aaagcctacc ttgnaaattn cggncanana ggccccngn ntnttcnnn catactngcn 900  
 tccccnnngg ggcccatnnc cgaccncaaa aggggcct 938

<210> 4522  
 <211> 1128  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1128)  
 <223> n = A,T,C or G

<400> 4522  
 gctccacaga gcggnntttct nacngcaacc ggacgccgng naacccccngg ngccgnaaag 60  
 gaagggnggg gcgnagggcg cncnccggcc gncnagaacg ggnacagana cagttttttt 120  
 ncnaacacng acnccgaaaa natgcnnnga gngctntnch antnnnancn nagagcgcca 180  
 nacgtngcac aaangcngnc ngccnagtgg caccctnnc gacantcccc nagtntggag 240  
 acggncaaat gacnanaatn ggaccncngc nanngacncc ncacncacac cnnnagngnn 300  
 gacanganng gngcctaana agnanangcc cacnnntgt gccacnntct angngnntnc 360  
 ccaggagncc ncanncgana cnaaaangcc ctngggngcc aacnggtggn accngccaan 420  
 ctnggggnann cannaaggan gnntcggtaa ancctngnag gncngcaggn anacgtcacg 480  
 cgnggcctca ctnnacanc ctnancngt nccanntngg gntacactct ccaaacnaca 540  
 tgagtctcct cncncaaant ctcgggggng nnncncccc antcatacnc ancccnngna 600  
 aatnaataca ccncgctana tncgggcaan atctgncgcg acaagannna gaccncnta 660  
 cgactnntan ccannctann angggncaaa acgngncnch cncagnaaga cncgggcann 720  
 tncaanacan cncncattnn anannggctn actctnagaa nactcctnn aanctcanct 780  
 caccctncc ttgctntcac gnggcatnna cactacattn agngggntca cactcttcaa 840  
 aaggntccc tggncncccn tngaaatgca ncactcttc ncannngnt ntccnagcaa 900  
 accaanagnt caaacncta accanancn cnntccccgt gctggngccc ctttaaannt 960

ggnaccant cncctatngn cnggggaa aaaccncnt agcccacaaa angctng 1020  
 gtgaagnna atggaaagnc taaatcaag naaatccac ctatttaana atcngnc 1080  
 cccgganccn aatntggccc cttaantncc actccntngn naccggc 1128

<210> 4523  
 <211> 876  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(876)  
 <223> n = A,T,C or G

<400> 4523  
 gnattatngg cctaaatnnt tgaagnttgg tgatnctgcn tnggggatng tngttncngg 60  
 caagcccatg tgtgtacnaa agcttctccn actatncgcc ttgncggna acaanntnn 120  
 ttgagataaa acaannactt tncgnagngt gtcaaatana gctgcggacn agaatgnnt 180  
 tncanctgnc natgncnct gcatatgctc naaaagacnc nganagggan ntgnnttttc 240  
 tcctttgtnc cgtgcctcnn acttttagtc nctggnggaa gganccnaccn cnatantgct 300  
 aaantgcatt ggcnanttga aggtnaggta gcaaacgact ncctanatga taanggtccn 360  
 gttannnaaa ncttcngtng gacncnangg tgnantnang gctcnnttng gccttanctt 420  
 nacngctag nngnacntcc ganttatng gnncttcacn tcaggggntt gctttanngn 480  
 gacagntaga ccgaagattg gaaanngann ttggtggnc cattgnncnt actnnngttg 540  
 ttccgnnana nnctggngang nttgantngg tnggacnant ttgnaccnnt ttggttttgn 600  
 gaccaatcng ngcaacaat ggcaaaaatc cnccttctt tcttnaaana nntaanaatt 660  
 cttanggttc ctggggggcc tccctcttct tgcnccaacc tttcnccaat tannctttac 720  
 gntgggntnc tnttcaccaa aaaccnttgg gganggtccc aancncnng gggaggncaa 780  
 aanaancccc cattggcccn ccnnacctat tttgcnngg tnnacgaann attctanctt 840  
 ttaannaann cnatnttttn atttnttttc ngaacc 876

<210> 4524  
 <211> 806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(806)  
 <223> n = A,T,C or G

<400> 4524  
 gtgntttcta atgcttctaa tngcttggct actcgttctt tntgcaggat cccatcgatt 60  
 cgaattcggc acgaggannt ctntgctatn gaacagnggc tggtnnacac tnnngantta 120  
 nnnntgnacn ntannnattg nancanntan tactggnnnt ccntaatncn nntaatgtna 180  
 cntnttgcaa gnnngnctga tnaaatacac gacaggaggg aaanctantg cgtcataggc 240  
 acaggcagac ctaccgnnta aggagatnat ntncnang gntggctggt gagnncatgc 300  
 aactctggna tgtatttccc tttataggac caccttgtn atngtggata aagcccctaa 360  
 agnaggatgn naaagatgat cngatccaat acgttacnct gacannaaan nntgtnatac 420  
 ntngctgan caatctntcc ancnnntnta atatcgtgna tcacctaggg tgtatgacn 480  
 taggaactct gncctncan tcnngactgt ccatcacnga ctnttgggct nctactgtac 540  
 antangcna gaanancnt cannctacan ntaaccagat tgggtgctggn anatggtant 600  
 gcnnnttnan cccccacgac ncaataaagn ncnctntnc cccanancct ntnnagggaa 660  
 gaaaggaatt ttncatagtg ggctcaatga anggggtacc cttggncctt ntaaaaaacg 720  
 ttncatggnn cctaccttaa acctgngtna actnanancn ntnngncata anggttctaa 780  
 cgnctatang gggnacnnat ttttnc 806

<210> 4525  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

```

<400> 4525
ggmnttctaa tgctttctaa taccttggct ctngctcttt ctgcaggatc ccatcgattc      60
gaattcggca cgaggaaatg tgtatttcag tgacaatttc gtggtctttt tagagggtata      120
ttccaaaatt tccttgtatt tttagggtat gcaactaata aaaactacct tacattaatt      180
aattacagtt ttctacacat ggtaatacag gatatgctac tgatttagga agtttttaag      240
ttcatggtat tctcttgatt ccaacaaagt ttgattttct cttgtattac attttttatt      300
tttcaaattg gatgataatt tcttggaac attttttatg ttttagtaa cagtattttt      360
ttgttgtttc aaactgaagt ttactgagag atccatcaaa ttgaacaatc tgttgtaatt      420
taaaattttg gccacttttt tcagatttta catcattctt gctgaacttc aacttgaaat      480
tgtntttttt tttctttttg gatgtgaagg tgaacattcc tgatttttng tctgatgtga      540
aaaagccttg gtattttaca ttttgaaaat tcaaanaagc ttaataataa agtttgcatt      600
ctactcanga aaaagcatct tcttgatat gtcttaaaat gtatttctgt cctctataca      660
naaaagtctt taaattgatt tttacagtct ggaatgcttg gatgntttta aatantaaca      720
ttttatattt tttaaaagac aaancttata ttnatcctng      760

```

<210> 4526  
 <211> 1236  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1236)  
 <223> n = A,T,C or G

```

<400> 4526
tttgttgng tttggntnng ggtgggggct tntntntaan gnntgntnta aatcgggtgng      60
anagncecta anatngaata ggggttnggn ccatncnntt ntentntacn nnnnnncnt      120
atgcggnnnn nngcctcann ngnacttttt tanatnatnt ttnnccctcg nnanngtnt      180
actcancgtn ntgttntgnt nctantccaa natacatgga ntgcccnnnt actnnnnacn      240
ntacaggngc tngcccngnc nngttnnann nattancnna ccanntnntc ntnnttncng      300
anagagtntc gcnnttcntg aaatgttanc gccnctcgaa cacnntnnta tcnctanctn      360
gttctcttgt ctnttcctnt anatgantcn ganctttttn atngagtnc ctaatctnan      420
ngntcttttn gatcntntgg tctttgnta ncttnnaacn tccttttgnt tangnanana      480
anccttnta aattnannca anttnnnttc cttnnctaa gnngnncctt antnntntnc      540
ttnnantacc ctananttn ttcnancnna tcnttcncca cngtntntaa nttnnantna      600
tttcaantn cctnnentca acnactcaa ntacancntc ctctcnantc atcacaannc      660
aanngcact aanncgfact atttctncta nggntccng ctatttnttc cnacttnctn      720
ccaanannat annntanaa atnttccttc taacnttncg gctantctca tctctnntt      780
anntnnntc agcgacanat nnnncnctnc atatanatnn ctcanagtann aanttctnta      840
tntntnccct nananacacn ntctntnnaa nttcttcnnt ntcttantnn natanttctn      900
ntntnttann natacnaact antntnctn nttntnatnt nnnatatcca cctntannnn      960
cantntnca tanntctnat tnaatcnct tctacancct annnntcnn cctttntna      1020
ttcnctttct gngnaatata tcnatattct nctntannna attttttct ncnctctnc      1080
antataatat ttngggggn tntctnatna tntnctctnt aatttttncn nntnctntt      1140
annaaacctt gnggaaatta atctctant catntatnct nngggnatg tacaccaaan      1200
ttnggttnan nttntnttct tcantnttaa nngnngn      1236

```

<210> 4527  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 4527  
 tgnttctaata anttgctact tgttcttttt gcaggatccc ttttgacgnc tttggcacga 60  
 gaaagaaagg gctcgtgaca gagaaagaag aaagagaagt cgttcacgaa gtagacactc 120  
 aagccgaaca tcagacagaa gatgcagcag gtctcgggac cacaaaaggt cacgaagtag 180  
 agaaagaagg cggagcagaa gtagagatcg acgaagaagc agaagccatg atcgatcaga 240  
 aagaaaacac agatctcgaa gtcgggatcg aagaagatca aaaagccggg atcgaaagtc 300  
 atataagcac aggagcaaaa gtcgggacag agaacaagat agaaaatcca aggagaaaga 360  
 aaagagggga tctgatgata aaaaaagtag tgtgaagtcc ggtagtcgag aaaagcagag 420  
 tgaagacaca aacactgaat cgaaggaaag tgatactaag aatgaggtca atgggaccag 480  
 tgaagacatt aaatctgaag gtgacactca gtccaattaa aactgatctg ataagacctc 540  
 agatcagaca gaggactact gttcgaagat ttttggaaga atactgagaa cggcataaag 600  
 tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt 660  
 aagctcaant agttttttta ttattattat tattaagaag tattcaggac tgatgtgact 720  
 ncngatttna gaacatgtgg taatagtnta nt 752

<210> 4528  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 4528  
 tgnttctaata anttgctact tgttcttttt gcaggatccc ttttgacgnc tttggcacga 60  
 gaaagaaagg gctcgtgaca gagaaagaag aaagagaagt cgttcacgaa gtagacactc 120  
 aagccgaaca tcagacagaa gatgcagcag gtctcgggac cacaaaaggt cacgaagtag 180  
 agaaagaagg cggagcagaa gtagagatcg acgaagaagc agaagccatg atcgatcaga 240  
 aagaaaacac agatctcgaa gtcgggatcg aagaagatca aaaagccggg atcgaaagtc 300  
 atataagcac aggagcaaaa gtcgggacag agaacaagat agaaaatcca aggagaaaga 360  
 aaagagggga tctgatgata aaaaaagtag tgtgaagtcc ggtagtcgag aaaagcagag 420  
 tgaagacaca aacactgaat cgaaggaaag tgatactaag aatgaggtca atgggaccag 480  
 tgaagacatt aaatctgaag gtgacactca gtccaattaa aactgatctg ataagacctc 540  
 agatcagaca gaggactact gttcgaagat ttttggaaga atactgagaa cggcataaag 600  
 tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt 660  
 aagctcaant agttttttta ttattattat tattaagaag tattcaggac tgatgtgact 720  
 ncngatttna gaacatgtgg taatagtnta nt 752

<210> 4529  
 <211> 1017  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1017)  
<223> n = A,T,C or G

<400> 4529  
gnttttcgaat gctgggagag cccgatngngg ctggnnngcg cccaannaag ccctttggga 60  
aaganccgng cnggttggnn gaggngccan ggggnagnaa agganngngn gnggagngn 120  
ggggngccn cngtttagng acagacncng gggagaaaac gggggcgcg gcncggagag 180  
cgggngann atgnagggga ncggnnagnn nnnacagcng aaagggngcng naagngggag 240  
nntaaggggn ncngncncn anacncgagn gtangggcnn gncagagccg cngaaganag 300  
cganncgga ggcncgggnn gngggggca tggccgngnn nnnngngnag ccnagtnagc 360  
gggnagaggg nangggcgcg ggggagngn acngggggan gccnngcgga nggaatagna 420  
gggggagggc nngngagggg gncggngagg gggannccnn gcgnggggn nagnngacgn 480  
ganacgagng nggccgggga ncgggagngn gggggncnn ggggcccgna cnggganggg 540  
gagngngng gggangggan gggggggcan ccggnacngg nngggngng gggggcaggn 600  
ggngangggc gngaggnccg cgggngnnng ggggaannng gangngggg ggnccnnggg 660  
ngngngggga gngagagggg ganaggggg ngagccnggg nnnncaggg gnanggggn 720  
ggngnnnagg nggcgngggg gaggagngng ggagnganaa aagnganngn cggggnnnc 780  
ggggngngng gagancagnn gggggggcng cngaaaggaa agggcggnnn agagngcgcg 840  
nggggggncn ncggggagng cnggacncnn ggnggggcn annanaagg gnggggngn 900  
ggngggannn gngngncggg gngnncgcg ngngnggggg gngggnggg acncnggnag 960  
ngnnngnggg ggcncagnga ggggnnacac ncncgggggg nnagnnnnc gggcgcg 1017

<210> 4530  
<211> 810  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(810)  
<223> n = A,T,C or G

<400> 4530  
ggaaagggg ngnnntttct aaaggngctt ttcaaactct tggctactcg nctctangta 60  
ggatcccatc gatgcggaat tgggccacna ngnnaggnag ggnntgcang ctggngtnt 120  
cactgataca ngcacgng tatgcaaagg aaggaaggga gcttaatgcc angaacagat 180  
nttgagttg gtgggtctc aataaangtt atttccact gaaaaaaaa naaaaaaac 240  
tngggcctct agaactatag tgagtcgtat tacgtanatc canacatgat aagatacatt 300  
gatgagtttg gacaaaccac aactanaatg caangaaaaa aatgctttat ttgtnaaatn 360  
ngtgatgcta ttgctttatt tgnaaccatt ataagctgca ataaacaagt taacaacaac 420  
anttgattc attttatgt tcagggtcan ggggaggtgt gggaggttt taaattcgcg 480  
gcccgcggcg ccaatgcatt gggcccggta cccagctttt gttcccttta gtgagggtta 540  
aattgccgcg cttggcgtaa tcatggtcat angctgnttc ctgtgtgaaa ttggttatcc 600  
cgcttcacaa ttttcacacc anccattacc gagcccggga agccataaaa gtggtnaaag 660  
ccctgggggg tgcccttaaa ttgaagtga gcttaacntc cacaatttaa atttgccgtt 720  
tgcncttna acttgcccc gtttttccaa ttcggggaaa aacctgtnc gtnncccaac 780  
ctgcctttna attgnaatcc nggcnnacc 810

<210> 4531  
<211> 814  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(814)  
<223> n = A,T,C or G

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<400> 4531
ntgngggggt gaggggtctac na agnggg ggctnncnt gctctccgna no ccggc 60
ggngncgaat tcggcacgag ccaagnaata cctnggtaaa tnttctaacc tnatantgta 120
tncagggttn atgggtcatt tagnttgaga gtgttaagag actggagttt taatccaata 180
ngngtgcctt ttggttctca gatatacata caagctgtga ttgttttagat gtttccatct 240
ttttatatat gcatatacat attattattg gtgtntntta ttttnaggaa ctgaaagaaa 300
atggtgaatt gctgcctatn ctgagaggag aaaattaata aatcttaaac ttggtgcccc 360
actattgtna gaaatatcta attacattgg gagcagntca tgatntagtc ctcagaaatg 420
gactaggaat agaaaattcc tgctntctca gatacatgtt ctgtgtattt ncaatgtcgn 480
gctaaatnaa tgtatgttac attttttttc ccnccanaaa aaataanna aaactcnga 540
gcctcttana nctatagcga gtcgtattnc ggnacnatcc agacatgata agatacnntt 600
gatnagtntg gnccaaccnn acctagaatg caantgnaaa aaangcetta tttcccgnaa 660
attttngan cgctnttng cnnaatttn ntaaccntt tttaanccg ccaaattaa 720
ccnantttna cccaacnnnn ccnaatttgg cnattccnt ntctnacngn tttccaagg 780
cttccaannn ggtcggnaag ntctttnnga aant 814

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<210> 4532
<211> 782
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

```

```

<400> 4532
ngaagnnnnn nnnnnnngtn ggctntctaa tntngcnaa nngctggtct actngnnntn 60
tcncantat ccctnctaca cgaatccngc acgagcnatg atgnanatcg anatnnactc 120
tngttgatgt atatatTTTA ttnacactgg aacagctcac ncntcancn tcttgctca 180
nnacctggat ngatnnccgg ccncatatga gcaacttcat tgcagaantc acctgtaggc 240
ctgacagcct naaanagtnc cctttattag anagtantnt gncnacttct gatctgtnat 300
ctttatgtna agcatgnta ttntgnacan catatacttn gantnctctg ncctacngca 360
tattctaatz tncctangnn tataaattgg ngtgtccaga ncancnnnt taaatttang 420
ccngttntat taataattga ncctagatct nntctaatec taaaatnaat cnatgtattn 480
cctgacctgn tntttattca atctgtttat gggaaagcat catgcancct ttacaaatta 540
tntnntcacc tctncacngc nagctttctn nntcnnnnaa gtnggggcta tctgantatn 600
gtccgcatcc cttgacnnnc tagntntccn ttnaattatc nctggataca ctgtggngcc 660
tagttaaann nccatncett tcnangtgga atngnggnaa agcgccnnnn ggggancatg 720
gantttcaca aagcctcgaa ngtcccacgc ctngacgaat gcaaattccn angnttgttt 780
nn 782

```

```

<210> 4533
<211> 867
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(867)
<223> n = A,T,C or G

```

```

<400> 4533
nttttcnnng ttggngnnnn ngngggggtt tctaatztn gtaatzgccg tggctactcg 60
ttcttnccgc acgcagnncg gngnttcgaa ttcggcacga ggtcctnntn ntttnttng 120
nngctgggng gnaactctnt attnnantgt ccggnagaag gatggngtg ngaacanggt 180
ggncnctgtg cnngctncag ctttcaactcc ggnngggntc natgctgtcn nggnccgcac 240

```

gnactgcca	gnncacann	ctctccc	gaggcangca	cagcaagtgt	gaagactg	300
gaagccttt	ncacgacct	gngctg	gtcacgtcac	agtcantggn	tgctcta	360
caggctgttg	gggatggtn	ancaggggna	cactgtgcat	nactaacagn	cacctgngta	420
tgtgntgcnt	anatcccg	nctggnnnaa	cctccngctg	ntcccatgca	ccacaagact	480
gccantgtng	anttgcntga	ntccttntctg	cnnnttttcc	ancnatgana	anctcctccc	540
tgcgggttcnc	nggaccngtg	naanantccc	gaagccccctt	ngcatggcnt	nggnttggtg	600
accnncg	cctttanancn	ggcctncnc	ctanacggct	tgntancccc	nnttctacna	660
tccnggctc	nttcnncnt	ttccttcata	aaccgcctgc	gtccttnca	ngtcggnttn	720
ctcggggnc	ntnctctctn	ntggggngnt	tcccnccct	cctcaaccct	ttngncccc	780
tggattntac	ctanngtcc	cttnaaattc	tnnnccaacg	gccccnctnc	ccnccgccc	840
ngncttnnc	cgtntnactn	acnncc				867

<210> 4534

<211> 1038

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1038)

<223> n = A,T,C or G

<400> 4534

ncccccttntct	gtagnccnnn	ccannngngnc	tttctaaten	nggngngggcg	ctgganatcc	60
naaanagacn	ngccgggcn	nttngggggcg	aggngngng	gggctgnnt	tgnnctnnaa	120
antgnngta	tcagnaentt	cnacgntcn	gancccgncn	ccatantag	ggccnngnan	180
accctggcca	acannngcn	ccaccatgnc	tnnncccncc	ttgacattnt	nacnaccnnn	240
ctgaancnnt	ccnctnctnc	ctaccctacc	accnctgtct	cnanntacan	gcttnagnnn	300
ctnccgctag	ncntgncnnc	cntntatcnc	nanagngact	aactcnnttt	nnaccagnan	360
nnnacnncnc	nactctgcct	nccatcggt	ancctanntc	tactcnacga	tacnncnttn	420
accentcatca	catcattctc	tccctgatnn	ntnagtnncc	caaactacnc	gcccnaacag	480
nctgtgcntt	ggtncccaa	acnncnncat	gnccnnnaaa	ntcttnncnc	cnctnngcca	540
nnccaccncc	naaccctnac	cntatttctt	ntctccctnc	naanaaacgt	taaaccnccc	600
taaaanatnc	cccctatccc	cnnaaanenc	ntaccacctc	nnccggcnccc	accccnccct	660
cgnngacana	anatctacct	tccgncacna	caaaccctac	ctccanttnc	ncncaacnac	720
aatntncaac	tttanntcna	acctnnnccn	tnctanntcc	cccttccnca	nnccccatt	780
tncccttcaa	aanctccctt	ancccnnaacn	tctccccctc	ctaactaata	tentcctctt	840
gcacantcna	ccntctaate	atcnaccac	tnnncatnca	ctccttcaat	ataccttttc	900
tcttcnnaaa	anttcnctn	tnncanatt	cctntcnntt	ctaactctct	cntctctctc	960
cctnnancac	ntctctctca	ncggtctatn	ccacttctct	ntnctctact	ctctctcnca	1020
nctccaaann	ccaccct					1038

<210> 4535

<211> 932

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(932)

<223> n = A,T,C or G

<400> 4535

tccccaaaaa	aagaatcatt	nggttttgg	aaagaatacn	nantcagnaa	ctnttcnggt	60
gtgtggtgaa	aatgtcaccg	tgtgtggat	accctatctc	ctggctacaa	gacctgattg	120
aaaangaaca	gtgtccttac	accagtggaa	natgagtga	tcaaagactt	tgatgaaang	180
gantntcang	agttgnatga	gctgcagaag	aagttaaata	ttaacatttc	cctggaccat	240

aagagacctt	tgattaaagt	tttgggaat	tancnttaga	tgtgatgcag	ggaagatg	300
aaattgaggc	cgatgatcaa	gaagatnt	gattggccaa	aagaaccagg	aaacggnc	360
cagattcgtn	ttnantgant	ttataggnat	ggcancnttn	atggacnaat	aaacacttct	420
tcatttgttt	nttaacnaaa	ntgtncnnn	ttttgaaact	cnttngggat	gccanagggg	480
aggnaaaacn	ntaagncctg	tttccccc	aaacnngnant	anancggtnn	gtganaatat	540
ntataattgg	tngtcctttg	nnttctcttc	nngngngngc	anaaaanant	tntttggncn	600
ntgcgntgtg	ngcncctttt	cnaaaatctt	ttgattngcg	gagngngnna	nnnnctctaa	660
ntgnntttcc	gtccctttga	cncngaant	ttgtgggnnt	ttgggggcca	ttatnataan	720
ttttttntna	gntcggtggn	aaaaatagnt	cnccttctng	nnaaaanata	cnttccttna	780
ggntntnaaa	aaccnnaant	aagnnngcgg	ttanaaannt	gtnaannact	agagnntnnn	840
gnatncttnt	tgttntatnt	annnnnnngn	ttngncnggn	tnaaanttnn	gccnctncnn	900
attttantnt	tatntaatcc	ttntnnggan	nn			932

<210> 4536

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 4536

atacactgac	cttgcccgt	catctgagag	atgaccctgc	aggaatacca	ctatgtccag	60
gagaaggctt	ccaagctagc	tgctgcctgg	cttactcctg	gccctctaca	tgaagaagct	120
cggatactgg	gttcccttcc	tggagcatta	cagtggctac	agtatctctg	agcttcaccc	180
cttggtcaga	cagctgaaca	aactgctgac	tttcanttct	tacgatagtc	tcaaggctgt	240
gtattacaag	tattctcacc	cggctcttct	tgaagtcgcc	aaaatncctg	ccttggatat	300
gttgaagctg	gaggagattt	tgaactgtga	ttgtgaggct	cacggcctgg	tactctacan	360
cagccacagg	gctaagcatg	catgttaaca	gggtatat	attctatggt	cgaatttgct	420
ttttgatcgc	tcanattcat	tttncctttt	nttgcttttc	ccaaactggn	aatggtataa	480
atatctatgt	ngcttggttt	tatgaaagga	aannaaattg	gcanatttga	ctncaaattt	540
aattanaaaa	tnatgggtt	attgggttaa	aaaaaaaaaa	aaaaaaaaaa	ctcgancctt	600
tttaaaacta	taaagaggtc	gnaatanccg	gggngggcng	gaccatggan	aacaaacatt	660
tnctgaagn	tnccggccaa	accncaacgt	ngnatggcaa	tngnaaaaaa	aannccctnt	720
tttgggaaaa	nttggggang	caaagtcttt	tattgccanc	nttttnaaac	tgccaataaa	780
caagtttacc	cccncaatn	gctttcantt	tatgttttnn	ggtcnngggg	gagggg	836

<210> 4537

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1039)

<223> n = A,T,C or G

<400> 4537

atggnnnnnn	nnnnnnnttt	ttttggaaaa	aaannncccc	cccttttttt	ncctnaaaaa	60
attgggcnt	tttggggcaa	aaantttngg	ccctnctttn	tnctttgggn	tnttgnnnat	120
ncccccnatt	cgggnatttt	nccggaaaat	ttccggggcc	naccgggnagg	gggnattagg	180
cccttttnana	nagncccaaa	nggtntntta	cccaaagggn	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaaat	ttnttctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tggaacttg	360
aggtntaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420



atactagaat	tngtgcaccc	tttata	ttgcaagngt	ntcaaangtg	tggnnac	480
acaaatagaa	acactgccaa	ctgtgtaa	cttaagctnn	catttaacta	aaattntt	540
ttcttgcaaa	acttatttat	tcatgatcaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tggtgcagtc	attatgcccn	naaatnntct	660
naaaatatat	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgccagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaangg	gatatgtaat	gctcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannntttc	tgattttgga	antnttccan	960
tnggntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttnnngctagn	aaaccntnc					1039

<210> 4538

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 4538

ctnnncctcc	ttgatccntt	cctnctttga	anncatnngc	tacttggtct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	acctacatca	gaagctgctg	gatgcagnaa	120
agtgaataca	gaccaaaca	acacngggcg	aatcttnaca	ccattntggg	tgccnatnt	180
nnccnnngat	atttgcttgc	tnagctctac	tcctccaaga	nannangnnt	caaacnctnc	240
agcangntag	agcanntnaa	gaccgcntnt	nctnacctnc	tnaagannct	ctgngaggan	300
cgcaatcctt	tngtggaana	tagaatcaac	agaccacact	gcncctctga	ccatgngctc	360
tcaaangngc	tagaaggtgc	tgaccttttn	agactcttgc	agaagaggcg	angtggtgng	420
anaccctnna	ggaanacttt	cccgaactag	accncnctt	ncngaacnng	ntcaactgtt	480
ggggnngaaa	ncntgtgann	tgtngncctt	cngagagacg	gcattattcta	tgatggcnga	540
cttnatnctt	ctgcggaacc	anactngacn	tactgaaaga	aanctganac	caagcgtctt	600
ccttaaggac	ccttatatcc	agacnatcct	ttggataata	ccnctnggcc	aaaacctnnt	660
aactntgcat	acaatcngga	tggcaacatt	tgaactggng	gccttnanna	ccnttaccgg	720
cttttcncat	tatgnaagag	ntn				743

<210> 4539

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4539

ccnctattg	ccnncnecat	ggggnntttc	caccccgntc	acgtgggtgn	cgcccanncg	60
nacnagcang	agcctacnan	tcggaacata	tcgcctttat	ngtctttaac	anaganntnn	120
ntnnntagnt	cnattcantt	atnaccacgc	agatccttaa	tnnaggcccn	tatattnctt	180
acctnattag	aactntnnnc	aaanntcaac	tgnntnacct	taatgnntng	nagcacntnt	240
nacagnngna	cttaaaactn	tanaatntcn	tnagnnneng	ttattctcca	ctgaaggnet	300
ntccactgtg	caccatttca	ngcatcatca	ctatgattct	ttcancanga	ctntggcncg	360
gnttgncact	gatctntnnc	cnaatggcna	acnagctgna	tnntcnnttg	gnctcnctta	420
taggaacnan	caacactagc	ctactgnatc	atgatntccg	anaactgaac	catgaacact	480
gccatctnnc	catgntacct	gcataaagaa	nttcacntca	ctctgaaaca	tannatgact	540

gacntgganc	tnactaattn	ctgaaactg	nnnntcaaan	naccactta	atgntca	600
ncatnttgnn	acncttgnaa	tnnnntna	nnnaaagacc	nnnnttgant	ngncatt	660
ttannttngn	ccataataan	ngngccacnn	ncctnaannt	cttcaancan	gnaaaagntt	720
ngcaacttnt	tacnacctct	ncttcccnc	tnnatctaan	atncnnnata	taccacttan	780
cccagaatan	ctacncccaa	nccanncant	caccncccca	cnattttatc	tcacanttcc	840
ncantccct						849

<210> 4540  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = A,T,C or G

<400> 4540						
gnnnnnnncnn	cnnntggng	nttgtgggg	nttttnaatg	ttgcnaaaan	gcctggctac	60
tcgttctttc	cgcaanancc	ntcggttcga	attcggcacg	agggagacca	tgcaaagcct	120
gaacgaccgc	ctggcctctt	acctggacag	agtgaggagc	ctggagaccg	agaaccggag	180
gctggagagc	aaaatccggg	agcacttgga	gaagaaggga	ccccaggtca	gagactggag	240
ccattacttc	aagatcatcg	aggacctgag	ggctcagatc	ttcgcaaata	ctgtggacaa	300
tgcccgcatc	gttctgcaga	ttgacaatgc	ccgtcttgct	gctgatgact	ttagagtcaa	360
gtatgagaca	nagctggcca	tgcgccagtc	tgtggagaac	gacatccatg	ggctccgcaa	420
ggtcattgat	gacaccaata	tcacacgact	gcagctggag	acagagatcg	aggctctcaa	480
ggaggagctg	ctcttcatga	agaagaacca	cgaagaggaa	gtnaaaggcc	tacaagccca	540
gattgccagc	tctgggttga	ccgtggagggt	agatgcccc	aaatctcagg	acctnccaag	600
atcatggcng	acatccnggc	ccaatatgac	gagctggctc	ngaagaaccg	anaggagcta	660
gacaagtact	ggctctcagca	gatttgagga	gagcaccacc	agtggttacc	acacagtctg	720
ctgagggttg	gagctgctga	gacacgcttc	acagagcttg	ngacgtncag	tccaatc	777

<210> 4541  
 <211> 890  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(890)  
 <223> n = A,T,C or G

<400> 4541						
anttttanct	tgacccttc	aannangatg	aacataaagc	tcttacgttc	ttgaaaggat	60
naaacacaag	aataagatgg	ggtgccagtg	accagctcct	ctacctgggg	tcattggagga	120
ccgaagaccc	tccaaccttg	atgcctgtaa	ggacaggcgc	tnctgtaagg	gatcagggtg	180
aaagaatctg	gccatagctc	ctgtacaaa	cctctttgtc	tgaagtactt	gggtgctctt	240
tgacggcaag	agggaaacaca	acctgtccgt	ggctgcttgg	acctcaccac	gggggctcaa	300
gtggacataa	catctatttg	acaggccctg	gcantcacca	ntgggggtgtg	tgtggcagtn	360
gctgtggggg	gtgagaatga	ctgccaacag	gcacttctca	acaaatgacc	tngtgtttt	420
acattggccc	tgaaccaggg	angaaagnag	agggaccaat	tggaagcctt	tgttnccanc	480
atttctttct	taaaaaagg	gaganacaat	tttaaaggca	cngttgttat	ggaatttggt	540
aattaaaagc	aggaggcttc	aaagggtggg	tttcttgann	tnaaagggaac	acaancccg	600
ngggggcttt	tgnggggttc	naccannag	nccttccctt	ggggcangan	ancacncaat	660
ttngtnncct	nattgccatc	nnatttattt	gccccctttt	ttnantannt	tggttnccca	720
agaaattaaa	tnnntggtnt	tattaaatc	atthttgtng	ctttnttttt	tggttcggga	780
aagntntttg	cntananacc	ccccccaaa	gaataattga	attgggggtn	ccccttgcan	840

cctatttgat ttnttttaan gctgtnaa aaangncttc cccanccent

890

<210> 4542  
<211> 770  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(770)  
<223> n = A,T,C or G

<400> 4542  
ngggntccnt tttngaaagg nctctctttn aagacccttg ctacttgntc ttttngcagg 60  
natcccatcg antcgaattc ggncgaggn tggccaggan ggtctnaatc ctgancctca 120  
ngaggnggng gantgagttt nagaanngcc tgtcgnangg agatttgggt agaagccctc 180  
atgctgagct ttgtgtccct ggtgatgttg gaacattaat gatggaacat ggccaaactt 240  
cagtcagat cctgaaacca tggcttcagg atcatgactg acgtcatggt ttcttccctg 300  
ccagaaatga aggttcagtt atgaggcaac cctctagtaa ggcattgtaa aagttactgg 360  
atttggttta ataaaagttg aaataaagtn anataanatn aaanaaaaaa ctngagcctn 420  
tanaactata gngagtnta ttacntacta tccagacatg ataagataca ttgatgagtt 480  
ttggacaaac cacaactaga aatgcagtga aaaaaangct ttatttgtga aatattgtga 540  
tgcctattgc ctttatttgt acncattntt aagctgccat anacaagtta tncaaccacc 600  
nanttgcntt catttttatg ttttcatngt ncatgnngga ggntttgggt aggtttttta 660  
atttcncngc ctntngctcc cantngnatt ngggcccccg ntcccnanct tttngttccc 720  
tttacttgng ggggtaaatz ccnccctttg gngnnannna tggnnctacc 770

<210> 4543  
<211> 861  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(861)  
<223> n = A,T,C or G

<400> 4543  
tngntntnnn naaagnngnt ctntctana gntgannttg ntgntgaacc cactntcccg 60  
cannaancnn gcgngncgaa ttcggcacga gcctantacn gtagncttgg agcatcacga 120  
tttttttnna ngcntgcatc agtatactgg aggacctnct ngcnetgcng gacanagacg 180  
tccnacagaa tnnngaaaac ngtgctcagg actanannct gaccaacacn cgtgcacana 240  
agcaaggaan tagggcngga nancnantnc ngnggcntnc agctctgncn cgcannatnn 300  
gntanctnnt gacttancgt ganancaatg aaggnnctna accaaagtnc ccanggggac 360  
atnganaaat agcacnangg gccttgatn ggacnntacn cnntnccnaa cntggntncg 420  
ggngtggnac cntgggaaag gagecttctg catnnncnnn cgcctacccc atgancnccn 480  
ctntaccang gctntgcccc ctgagccaan cncgctgggt ntgctgcnaa ngnaanaanc 540  
nanntctnca gatatggacn taacnttgca aatntanaaa ncttgccaat ttcnattttg 600  
ccangatccg ncnannccac aatnccctct nnaanagaat ccnccacncc ccncnagaac 660  
ctcngnaaaa cattnnggnc nccnccctng nagctacaat tnnctctcan cctagganca 720  
cncnntcgct atgncnccnn cttaccaanc ctanttcnnt cgnancttac ccnnntttac 780  
ccntnnggca tttcccccnn accnttgnat ttanannatt tcccttcnng ganatgcaat 840  
tctcntgngc acccaacaac c 861

<210> 4544  
<211> 813  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4544

tgtgngtgct	taagcagatt	gctatgatgc	atgtccataa	aacagntttc	tttctgttct	60
attgtggagt	ttttctgggg	ctggaaaaca	ttcttttggt	atttccaaac	actgtctata	120
attaccagac	atgatataaa	cacataaggt	gccaaactgga	atttactcta	gaggggactt	180
tccctctcag	acttccagtc	aactcacact	tgtgcaacaa	agtgcattgt	gtcccctaaa	240
tatgcaagca	gaactgtggt	tctgcctatt	tggatatctat	agtcctctac	agtcacttct	300
agagagacta	aaccaaattt	ctaccaactt	cacagggcaa	caatcaatag	ttttatctca	360
atgactcttg	tatcttcaga	ccttaaaactg	attcagagac	catggggccc	acaaacctaa	420
tcaagagtaa	cgttttcatt	gagtacacat	ttcagacatg	agaatcttca	ctttcccctt	480
ttttctcttg	gtaaaatggt	cacaaaatgt	gcaggtaaca	cctgctgggt	actncagcca	540
ttcggggccc	taaatctgca	gctcttcatt	ttggatctag	gtcttgagaa	tttgggaaat	600
agaaaaattt	ttatctaaaa	atgcaagtct	tttgggttat	caaactcaga	cattgaaaag	660
aaaagngcag	ttacgccttt	ctnctcnttg	aaanatgnat	tcactctntg	gaactgggtc	720
acttttggcc	ncaagttgat	gtntattaaa	ctggatattc	cacattggac	actggatctt	780
atccctaaac	cataatgana	tatgtccaat	cnt			813

<210> 4545

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 4545

tgggttttca	ggngcccctt	tnanacgggn	gcggcctttc	gcctnnncgn	aanagcccgn	60
gcgattcgna	gacngcnnga	naagtgnenn	angtnncttn	ntnatggtga	ggactttatg	120
nanctgangn	cantncnngn	cntgantatt	ntcnnennnt	ggnaagatng	cacgtgtntt	180
ancctgatgc	cagntggngn	tatcccntnc	ncnnnttntt	nnttcacggn	gaacnnnata	240
natngannag	aatggngatca	gagaaggata	ctcactntgc	tctcacngat	tagcggcgat	300
tngcntgatc	ncngctgnca	tgnaaacctt	atctctgngn	ttcangcgac	tgannngtga	360
ncaccncccn	nctagntgnn	acnnatnnca	ctcctnnngac	tntccngcaa	cntnttntnn	420
ctntnagngn	gtnnnngnnn	ttncaccggn	nnnnccnncn	ttngnnncna	tncttttnac	480
cccnnttggc	nccacannan	ctncctttgc	cataaannct	ttntnttacc	atganngnga	540
ttncnncnct	ttngnctnna	tcnctntna	attcaatncn	tanncnntta	tccnnccntt	600
tttcnttgnt	ccnttttntc	gngnantngn	ctgggaantt	ttggtntccn	cctanntnga	660
antcngcctt	aanatccctt	gggtggacnt	tgggcangnt	tcttctnggg	gaatcccttt	720
ttnatggaat	tggccttnaa	ggccnnttgg	tcttcttggg	caaccntngg	ggtnggccnt	780
aaaatggggc	cctnaanttn	tttanaatnc	nnnnnnantt	actntttttn	ncctccaacc	840
nntttaccgg	gttgggctct	taacccccag	gntgggaatt	tcaaaatttt	taaggnttcc	900
ccattnttgg	gaaaaacctta	ntttngggac	ccccatttn	gggctnccna	ttttnggaat	960

<210> 4546

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

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<400> 4546
tntntnttggga aaagggcagt gtctctaaac ccaggcaaac ggtaaatgtg gggcatanca      60
agagggccgg gtagtgcca cttncctatc atgctcgntt ctcatTTTgt gTTTTtagt      120
agaaaaacac aggggtgttct ttgcccaga cattaatctt tagaatgcct gtnttttcta      180
atgttgggat ttctttcaca accaccacc ttaatatTtc cattgngact caganaatca      240
gacttcattc gattctntag agaactataa atactgttgt cagtagaagt gaantcttgc      300
ttatgtaatc ctaattcaga atgtgttctc agaagaggta ggcnnnggacc ananctgggc      360
nagaccacag gcagaggcca aatccncccc cctgccgnta gnagctaata tnagttttac      420
acccacttgt tcatgtattt tccctggcta cttgtgggca gcaatgccag agtcaagtca      480
tcataacaga nacagaatgg cctggaagct ggatttacta tttcaacttt tacattaaaa      540
cttgatgacc cctgtgctag acaggcagct catttctgcn ggtaaaatta tatttcatct      600
tccaactttt catttccaaa atttgaacct atattactgg aggccctta ctnnaagntaa      660
anttttcatt nttcttttgg ggggaaannc tncagaaaaa nccctnngcc cntttaaaaa      720
cttnnatgng ggtnnnttac cntgtccca cnetggaagg tccntngggg nttngggcaa      780
anccccacna nnngtgccc n gaaaaaatgc tttttt      816
  
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<210> 4547  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

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<400> 4547
taggagtctg aaggcctcgc tgctttctgt gatggctttg cagtaagtgc cgcctggcct      60
gcatgcattg gctaacaggc tgcagaatgg cacngaagga ctcgctcgag attgtcatgg      120
ccagagatca taggtcactt naggtagcaa gaccctgnc aaactgggca cttggcctat      180
gtactgattt gtgggatggg ggcaggggtg tggggctcct caccctgcct gaattctctt      240
tggtctctgt gctctgtatg ctgctgtccc caagggtctt ttcttattat ggcagngagt      300
ggggattggg cctactttct ttctctggaa anggaaagcc tccaagactc catgtgcttg      360
ggcagcttga gaaggcgttc ancaccacgc ctacgaggca gaccttgaag cctcaccttt      420
antntatctg caagagggtat tcanttctct gcacaaggga ctaggggcat gtanagtata      480
tgacgaggca atatggctgt gcnggacctt catttaactt caattaatag ggaaaaatta      540
ttatactcta tagatcctga aagggttcta agattaaaan catccttatt aaaatcttct      600
aaanaantct ggaaagaaac acctaatacta naaaaggctt gttnaaaaan ccacagngat      660
gggttnttaa gaagcaaacn ccncagcatt tccatttaag taaaaactaa ccaaggcagc      720
ttttatttaa gaagngtccg gccttctaac cctgcacaag ccnatgagga catatggaaa      780
atTTT
  
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<210> 4548  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 4548

gngcagctct	tgttcttana	gngctac	ttgttctttt	tgcaggatcc	caattc	60
aattcggccc	nagctgtgng	ggcattc	nnactgcggc	aggacntgtn	tgctnctna	120
tcacnttgac	ttgtaatagc	attaatnntc	aagcgattga	tntatnataa	nngncattct	180
agcatngtnc	atggcngann	ncntcctggn	anatgntaac	ggtcttgcna	nctgatncct	240
ctatctgnac	tgggtctctg	gcangggcct	gatgnatngt	anatactcgn	tangtatecn	300
ttngtntntc	nggggntctn	tcatgnnnng	natnnnagca	cccangagg	actacactnn	360
caagaaaaaa	tggtngnctn	ntacngagct	gtnaagaacn	ntggaacntg	ctatcctgan	420
gccnctnaac	ttcatcatgg	gatgcctanc	ttgtatnnat	gttncnttnt	gnntaaccce	480
atgatctgan	tntggacact	aagancnntg	tcatnggctg	aggnggctnt	gaagngnact	540
cntaattatg	acnctgggat	ntaaacgggt	ctcacattgt	cttgnanggn	antttttcaa	600
aaanggattt	ncgccttttg	gncccntggg	aatttaatat	gcaanaagtt	ttggccntaa	660
ttgccanang	anganancct	ggantgctaa	ngaacggcnc	tnttgccctn	nggatggnc	720
cctaacttna	aggg					734

<210> 4549

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 4549

tgnggggcna	ganacccgnt	ngggctgcaa	gggcccggctt	gacccnacgn	atnccggggc	60
ananatgcct	gtcnagncnn	caaaggaagg	ttgtnnccgt	ttacgcctat	tggtggaaaa	120
aancccnttn	tngaaggctc	atcctcaaan	ngcnnntngc	gttccccga	ctggccggtt	180
atncaccnct	ggnaagagg	ganttnattn	nacccgctct	tttttanaag	annnnaaagg	240
ttcngcatnn	tggggcnnnn	gnncacactg	gctttgaana	gcnanagctg	agtgcacatc	300
accagatnc	aaaatggtna	catgtcaact	gtggccgaaa	acgnggccgc	actgncccat	360
ccgctcttcn	ggagnttgtn	ggccctttat	ncgcacnaaa	ttgcagcctg	ccggatactg	420
tattcacaca	ggctntgagg	ggggagggat	tgtnntcaga	atgcattaag	cgcnttnaat	480
agcctgcntc	ngttgctttg	tcaantggtc	ttnacatgaa	tgcccgtccc	ctgaatatcn	540
ngtaatcatc	tatcnnacct	gggatcgcaa	nncgttaaaa	canaagggca	agtgcaggng	600
gtcgtactgn	gnaagagctc	c				621

<210> 4550

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(971)

<223> n = A,T,C or G

<400> 4550

ncncttntn	tntagggngn	tngtgggggt	tttcnaatnt	nngctaagtc	tgggctcntg	60
nnctttntgc	aggtatccca	tgcattcgag	ngatgcactg	ngantacacg	cnctaaaaat	120
cgcagtctctg	gccanaagac	gttatggnea	ttgtgaggga	ctgggggnnt	tggctcctntt	180
tnaggggctg	tnnggactca	aatcggtgnc	tggtttcaca	catatgtgtt	ggtttgtggt	240
ncaacttctt	tatctganaa	cnccagtgat	aaancattga	tgntactgac	caatctaaac	300
taccatcttg	anagagtngc	anctgaaant	gatgcgatag	gcgtgncaag	tatctgatna	360
cttcttttnan	gcatacgnaa	naantgtatg	ccngttaacn	ttgnangata	cctntgctnt	420
nacaggntca	gtatntatca	gtnngnacac	aaacacatga	acacattcng	atanggctta	480
tttcacacag	ttgaagttga	tgatcntccc	ctggagtgtc	ctgntanata	tgncncngcc	540

tntangggna aaanaacccc acgcttc tntgaccacc ccnagcntnt ntntntan	600
taatatcttcn tncannngng nactnnnc naccgcctnn aatncctnnc cnaggn	660
naaaanccca nttnaananc gncattnnnt tgcactcccc ctcnnnnact caactnaccn	720
acactgggcn caannccctn gnnncacaac cncctttntnt tntctcacng ggaatcggca	780
atnctgcact ttcctatccc tggncctaaa aaanattana tctccggnc tctatcnnttg	840
taagntcacn antcctctc nntancaaan cnanacnnnc annttttnnc aaatccttcn	900
tnncncnca nnnncnggng cacantntnn cngtgncnna actcntnggg gcnnatntnt	960
cncncnctn t	971

<210> 4551  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(791)  
 <223> n = A,T,C or G

<400> 4551	
tttgaacc cntttnttt naatcctttt ctttcaaag gttctngttc tttttgcagg	60
atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc cacgttgccc	120
aggctggctc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg	180
tgctggctg agatgacttt taaaaaaga cttctctaaa gtagaaggaa ggggtgaatt	240
gtatgcacaa gaagaaaaa acctggaaga aaaacatact aaagaggctg gaggcaatg	300
gcgcgatctt ggctcaccgc aacctccgcc tcccgggttc aagtgattct cctgcctcag	360
cctcccaggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt	420
agtagagacg gaggttctcc atgttggtca ggctgggtct gaactaccga cctcaggtga	480
tccaccacc tcggcctccc acagtgtctg gattacaagc atgagccacc gcgccggcc	540
tnctgttcc agttttctat aatctgttca tattatattc tgggtatatg tgggtgggtg	600
gattatccat gtggctctat tttcacattc tttgcattaa ctataatgtc ttaatgnttt	660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcaggttacc	720
aatcttaaaa aaaacttant tcattttnaa aattaaacnt taaaatttnc caattccatt	780
tnaacattaa n	791

<210> 4552  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4552	
tcnttcagtt attcggtcag ctccttgntc tttttgcagg atccctcgat tcgctcagct	60
cttccggagg ctgaggcagg agaatcgctt gaaccaggga ggcagagggt gcagtgagcc	120
gaggttgcc cactgcactc cagcctgggt gaccgagtaa gactgtctca aaaaaaaaaa	180
aaaaagaaaa gaaattgtcc tttgggtgcc ttagttccag agttgaatga atgtacacat	240
tcngtagtgg ggggggcaga ccggataccc cttccttgtc tggttccttt gaaaaaggac	300
ctccaccttt caaagggtact taaagccatc ttttacagat tgcttgtaat gtaagggaaa	360
agaagtcatt gtnctttggg attggattgg agggnaaaat catcaaccac tagccccctt	420
ttcaaaatca gcgaagatat ttngatgatt aagtgtattc ttgggtatgt tctggctact	480
gatgttactg aaatctgcaa tcngtatgn tttttaatta gttgcttttg tatttgaatt	540
tatgacattt cgaagtttct gngcttaact ctttttaatt aattttctgc acgtngcttt	600
tttctctttg gttttaattc catacagagt attcaattct tgaaaacaca ttaaaaaataa	660

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tttgcttgca aaaaaaaaaa aa aaaaaa ctcgaaacctt tanaactata g   tcgtn   720
ttaccgtana tccagaccn tn aatt aaaaaaaaaa t   761

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<210> 4553
<211> 1281
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1281)
<223> n = A,T,C or G

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<400> 4553
attttttaaa ntttnggggn naaaaatttt ttcttttttt tgggtccnaa anattctttc   60
cggnccattg gcccccttgg gcccnagggg nttncgggga aaccttcctt tnaggnnnng   120
ggggaaatcc ccccccgggg ggnggtttta ccccnaggaa ggccctncgg gnaaaaattt   180
tccgaccccc nttaatnaag nttntttttt ttcnnttttn tttaacaaaa tttccnact   240
tggggncctg gttccggttt ttttaaacna aaacggntcc ggngggaact tgggggaaaa   300
aaaccccntn ggnggtttta ccccaaaact taaaatnggn ccttnggcaa gcaacaattc   360
cccttttcng ccagcttggg cggtaaaaaa cgaaaaaggc ccgnanccga atcgcttttc   420
caaacagtgg ccaancctng aatgggaaan ggnccecccc tgtaccngna ccataanccg   480
ncgggggtgg tgggggtaac cccaaccgt gaacngttaa nntggcaagc ggccctangg   540
cccgttcctt tcngtttctt tcccttcctt tttcggcaac gntanccggc ntttcccnt   600
caagnattta aatcgggggc tccntttang ggttcngaag taagtggctt taacnggcaa   660
cctcgaaccc caaaaaactt ggatttangg gnggaatggg gttcaacggt aantgggggc   720
caatcggncc cttggaataa gaacgggggt tttttnggcc ctttttgaa ccggnntngg   780
gaaagtncct aacgggtaac ctttttaaaa taaagtnggg gaaccttcct ttgggttttc   840
ccaaaaacct tgggnaaac naaaccaacn tttnaaancc cccttaatcn tttggggggn   900
ccttaatttc nttttttggg naaatttttna aaatnaaaaa gggggggaaa atttttttgg   960
gnccccgnaa aatttttccn ggggnccctt naaatttggg ggggggttta aaaaaaaaaa   1020
aaatgggnaa agnccttggg aaantttttt aaaaaccnaa aaaaaaaaaa attnttgaaa   1080
aaccggcccc ggaaaaantt ttttttnaaa aacccccaaa aaaaaattng gtttttnaaa   1140
acccgggccc tttttaaaac naaaattttt tttccccctn gggaaaanggn cccngggggg   1200
aaaaattttt ttttttnatt tcnccccntt ttttnaaaaa aaaaaaaggg ggggggnccc   1260
cccccaaaa aaantttttt t

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<210> 4554
<211> 916
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(916)
<223> n = A,T,C or G

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<400> 4554
tttgaaanca tcanctctng ttctttntgc aggatcccat cgattcgcag aaagggaaaa   60
tatgaagtgc gtgctggggt ttgctatcgt atccacaggc atcacggcag tgctgctcgc   120
cttgattttt gttctcagaa agagaataaa attgacagtt ganctttnc aatcacaaat   180
aaagccatca gcagggtcc ctnnctgctg taccaccccn gngaaaattn gccaccctaa   240
ttttnttctg gntcctttgg nnggntgnen gctgacctg ggaactgaag ganctgcccc   300
tnttatgnan ggcnccaaag tgggaatata acccctttnc ggcattcggg ccatgtggcc   360
gtacctntaa tttggcctca atctggacta gngaaattat ccttggcgng ccaacaaaat   420
gactataact tggggcagtn ggtnccttgg tcntttcaac canaagttaa aaattaatcc   480
tccggaatca atcccatcct tttccgggct ctcttccaat tcttntttct ttntaaccat   540

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caaaggggaa	ccatttgtgg	aa	gggnc	aatttttnaa	ncctcttggg	gg	agggga	600
tttccgaaga	aatcaattgg	gc	gggtta	ccattgccna	aaaacgccan	ct	gnaaaa	660
gnaaacaaag	caattggntg	gccantttgn	tccccaaang	taacccttgg	ttttccccga			720
atggcctggc	cttaccttgg	nttgggattt	cttngggng	gtcccttgg	aaccaaaaaa			780
aaaccctng	ggnttcccaa	ttnttnnaa	acccccgna	aattggccn	ttntttaccc			840
tttaccaaaa	cctnggggtt	tttttttnaa	aatggggggg	gggggaaaaan	cccccccaa			900
aaaggggna	aaaant							916

<210> 4555  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(791)  
 <223> n = A,T,C or G

<400> 4555								60
gngtctccct	ttntttgaca	tcnnttggct	ctcgctcttt	ttgcaggatc	ccatcgattc			120
gaattcggca	cgagacctga	gctaggggtg	cagcagaaat	tgagttgcag	cttgcccttg			180
tccagaccta	ttttctgctt	gcgtttttga	aacaggaggt	gcacgtacca	cccaattatc			240
tatggcagca	tgcatgtata	ggccgaacta	ttatcagctc	tgatgtttca	gagagaagac			300
ctcagaaacc	gaaagaaaac	caccaccctc	ctattgtgtc	tgaagtttca	cgtgtgttta			360
tgaaatctaa	tgggaaatgg	atcacacgat	ttctttaagg	gaattaaaaa	aaataaaaga			420
attacggctt	ttacagcaac	aatacgatta	tcttatagga	aaaaaaaaat	cattgtaaag			480
tatcaagaca	atacgagtaa	atgaaaaggc	tgttaaagta	gatgacatca	tgtgttagcc			540
tgttccta	cccctagaat	tgtaatgtgt	gggatataaa	ttanttttta	ttattctctt			600
aaaaatcaaa	gatgatctct	atcactttgc	cacctgtttg	atgtgcantg	gaaactgggt			660
aagccagttg	ttcatacttc	gtttacaaat	tattaagata	ncttntttan	ggatannttt			720
gggtaccatat	ttgtgaaaat	tttttgnaaa	atgccttgnt	aatgnggntt	tttnaccnnc			780
cnaagttatt	ttgtttgcaa	aacttnaatg	gnccattttc	cctttaanaa	tnggttttnc			791
ccntattttn	t							

<210> 4556  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 4556								60
ttntcnnaac	cttcaactcc	cgtgctnatg	caagatccca	tccnattcga	annnggcacg			120
aganacnctt	aantatacgc	tacggtntgt	gtgtgggtgct	nnatacnac	catgttactt			180
aatcnctttg	gtaccnnttn	cnttttgntg	gatccaaant	gnaaacccgat	gtntgntacc			240
ngnccnntatg	gtnttaacac	tttttaaat	gananaacatt	ggatcttaaa	accctaagct			300
attgcacanc	ngcatttcac	nnccgacgaa	gcccgggtatc	ccctanacgn	tggggcactt			360
tcntaaatt	gaagntgnca	atnntatgcc	ggnttcnaga	tataangtgc	acnccccaaa			420
acgctttcng	ncttgtaa	tcaacngcat	agttangcnn	gnncntgncc	gnccacatg			480
gtgaaacatt	ttntctnacc	aagantaaat	gnccanggtg	cntnttaggn	acacttactt			540
tctccgnac	atccaattaa	cgntatttgc	ccgntgctgt	gcctgggnag	tttttatttt			600
atattatttg	ggttgnaaaa	gcagnancag	agggagctca	atctngtttg	aaaccnacgn			660
agtgcncca	ttgatacgta	natnaatnaa	ccgccngng	gnntttttct	tttttttggg			720
cctggaaaat	gctgatnccc	tttgacaana	aaggnananc	ccccctagcc	nactaanngt			

<210> 4557  
<211> 1259  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1259)  
<223> n = A,T,C or G

<400> 4557  
tttggaagc ccccttggca ggggtgcncca nctgntgnac acccgaaggc nentcccagt 60  
ttgggttann ggacnccgng gnggggcngn aagggggaga gcnaaacggg gganagngt 120  
ttntttgngn ggcaggagca gggaanagg gggggggggn atnangngcg gncnaaccgg 180  
ggaggaggng gggggnggca gngcgnacga cngacganag ngggcnanna gnnnnggccn 240  
gcagnnagg gangnggatn agnggncgg nctgtnnnng gagnggacgc gngcngantg 300  
gacgatggag gccnnagncc agaggcngnn gnnagnnagg ggnnatgang cgcgacgann 360  
gagcacnggn gcnnaggcng cgnngccgna ngngcgggga gaagcggngn gagacnnnag 420  
gcggnnccan gngannngng gaaacagngg nnnngngagn gcgggnancg gatgnnncgg 480  
nnggannggg nanggggnc ggcgnnnagn nnagcgagg ngngngagn gnaggaggga 540  
nnaagcgcg ngggncagg acngggacga ngatntagng ngggggagga ggganncgcg 600  
nnacggnnac gngtncgagn aaaangacga gggntngngc ngtngggagc ggcgagggnc 660  
naataggaga angggntaa gngngcaga cnnnannngn naggnnanga cnaancagng 720  
nngtgnatg gcagangngc gncangnggg ncgggggcan cagagacgc atgagnggn 780  
anagancggg gacaggggg ggangcaaac gcgggngagc annccagnc ngngggggg 840  
antngngnnc nggtnaggag ngannganng nngcatgagn ataggnnnga ganangang 900  
nnngggggaa agggaccnta acnnngngnn gngcngncn acngggcngn ggggganccc 960  
anggnnnnng ggagncaagg nngnncngna ncngggggng cnagntnggg ngggngtngn 1020  
nngcgatnag ggnncggccc gngngcggnn gcngnatcng aacggacagg cgcngnanna 1080  
ggngggcgcn agangngtg gagngnacn gcggngggna ncngngnnc angatggcga 1140  
ggggacgggt cgcgggngctg acgganagag gcngcnacgn nngaggcgtg aaagaantgn 1200  
ngngcngggg acnnnanga gcaanggcag gagggcncgg cngcggngng cngnggccg 1259

<210> 4558  
<211> 807  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(807)  
<223> n = A,T,C or G

<400> 4558  
gatntaannt tcacctntg actntntgca ggatcccatc gattcgaatt cggcagcagg 60  
aaagagatct gacctaacca actttntctt gccttaactt ccaaactgcc cttagtcatt 120  
gatggggcat gggccaacnn cnatnggan anatcttnt tcntcntgna atnatactcc 180  
cctttccaaa actaaatgtc cttgangnna taacggaang cctcccatng ggtgnacaac 240  
cggngcggna antgggctcn cnetgtggca tagcanaang ntccccggnc gtngtggtgn 300  
acgntcnann tatccgcnan actcgccatt gcnetagcgn cnnnacttt ctttttatnn 360  
nctaacattn tccttncggg aangcgggtt tnccggcntt aagctnttaa ggatggagg 420  
ggttnggttt ccgnnctnna cnetataaaa ctctnttaac tncaacacng tncnccgtng 480  
ggacccccctc ccantaaagn ggggactgnt tcacagnan ggaccnttt tttncnncn 540  
ncctaantga ttttncccc accttaatac agtttaggaac ccttttctt tattccatac 600  
aagaactttt ttttaaaaaa acttggganc ctcttatcta cgccttgggn ggtcacatc 660



ttttngggcc	ttttttttcc	ttccna	aaattgggccc	nttccttttaa	ntcccc	780
ctttttttcc	tttgggttaa	aaacc	cttgggggccc	caaaantttt	ttggggg	840
gaaaaaggcc	caatttccaa	ccnttggggg	naattaaaaa	aaatttttta	aattttgggn	900
aaaattcctt	taanttttcc	aaaggttccc	aaaatttttc	cccttgggaa	ggggccnttt	960
tttnaaaaaa	aaagnccttg	ggggggaaaa	ggaaaaaagg	gttggnaaaa	aaccttantt	1020
cnttccaatt	ggnaaaagaa	aaagntttta	nttgncccag	aaaaaaaaat	tccnggggtn	1080
ggaaaaacctt	cntttttggc	cttccttaaa	agggcccnc	cccgttantt	aaaaancctt	1140
tgggaggttt	tccaaaacct	ttcccctgg	gaattnaccc	tcccctggaa	tttttcttac	1200
cctggggggn	accaagnaaa	aaaaaaancc	ccttgggnaa	nggggncctt	ttttnccna	1260
attaaaaaac	cggnggggtc	caaaatttcc	ccntttttt	ttaaaaaacn	ccccccctt	1320
t						1321

<210> 4561  
 <211> 1253  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1253)  
 <223> n = A,T,C or G

<400> 4561						60
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ccgtgtgtgt	gtgtgtgtgc	gcgcgcgcgc	cggtctgann	cttcggtctt	tggtccggac	180
ccggntccg	ccgcagccag	cccacatgtc	ggnggatcaa	agaaagcaaa	aaagacgggt	240
atggctttcc	aaggccgccc	ggcttttccc	ttccnccgc	ccaaccnca	acttggnaac	300
ggccnccct	taccccncc	caaaccncc	ccccaaaatt	ttcccncc	nggccaacc	360
tttngggggg	ttcccnccna	accccnctt	ttcccncccg	gggttaaang	ggggggggnc	420
ccgtttccag	gggggnaagg	ggnaaagggg	aaagcttaaa	aaaaaaaagt	tttggggggg	480
ggnccaaacc	gggggaagg	ggggggaaaa	agccccaaaa	ggcaaangaa	aaaaaaggaa	540
agggggcct	tccnttgggt	ggggttgggg	gaaaaaattt	ttcccccccc	gggggggngc	600
ccaaagattc	ccccnttttn	ggcccccccc	ccggcccaaa	tgcccccccc	cntttttttt	660
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ccggaaaaaa	aagaaacccc	ttttcccccc	ggaaagncct	tttcnttttna	aaaaggttng	840
gggggtttnc	ccnggggaaa	ttcnttattt	aaattcccca	aagggnaacc	ccaaaggggg	900
gaaccaangg	gnaaaaaatt	ccccccctt	ttttntttt	ttncccccaa	aaanaaaacc	960
nttttttttt	nccaaaaaac	cccccgccc	ctttttnttc	cttttcttgg	tttaangggg	1020
tnccttnccg	ggaaaaccna	aaaaattccg	aaagnccttg	aacnttcccc	cccgttttcc	1080
ttggcccaaa	aggttccctg	gggtaccccc	ttgggggggg	nttttttgg	ttntttnttn	1140
ggggnaaaac	cttttccctt	tttggggaaa	gtngggggnc	cnttttnaaa	ttggaacccg	1200
ggaccttttt	tccntttttg	naagggnaaa	aaacttggcc	aaantttnt	ttcaaaaaaa	1253
accnnaaaaa	cctttggggg	nnaaaaaaan	ggggggggga	aaaaaaaaaa	ana	

<210> 4562  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 4562						60
tataattaan	ttgnannccn	ttnaactctt	gttctttttg	caggatccca	tcgattcgaa	

ttcggcacga	ggtgaccctt	cccttc	ttgagcagct	tgtganccan	aa	gtgcc	120	
tgagagaaaa	gcctcatttg	gg	gtgcn	gnattcgaag	ttctttattt	tg	atgga	180
naacaaccct	tctnacaaat	cctgtctgcc	cttccccctt	tncaactaga	atatcanntc		240	
cnctgaacat	gaagtnatnc	acatttcatg	gaaaactggn	tgatgntnaa	naaatcactt		300	
ganggcaaac	tttgtccttc	angctgtggn	tctctgaatn	gtagagccng	canatcctcc		360	
antgtatgga	ctnggcctta	cttgcccatt	gaatgctttc	tatacatnaa	nacttgganc		420	
tctttacaga	tgacantnnc	cagtngggaa	gataaaagan	nagaaaagac	cnaaantgcg		480	
ggnttgccac	tcttttttgc	catcaccgtg	gggactgcaa	angccaatgt	tgngctggc		540	
aaaaagccga	angantaaag	gtgctgnant	gatgttagct	gtgnccactg	nggatttttc		600	
caanaacatt	tntanctata	aanttcaaag	naaaanaaaa	aaananactc	gaggcctntt		660	
aaaactatat	tnagtcnttt	tacctnatnc	anacttgata	anatacattg	atgantttgg		720	
gcaaaccac	aactagaaat	tttccaana	gggggggna				760	

<210> 4563  
 <211> 890  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(890)  
 <223> n = A,T,C or G

tttttnnntt	taaantttgn	aaaattnntt	ttttttacca	ncccccttac	tccnggtttc	60
cttttttttt	nggccanggg	naatcccccc	natnccggaa	tttnccggaa	aattttcccg	120
gtttgggcnt	nggtccggca	tatataaaaa	ccagnngag	nccccnact	atggannttn	180
tnccctngaa	tataaaaaa	acaatccggn	ggggggaacg	gaagnagcnt	ggcaattngg	240
natcgtaata	aaaatacggg	antcttgaag	ccccattgga	tggtcncaan	gggctggtgt	300
ggaagaacct	tanttnagca	agaatcccta	aaanggggca	canaaccttt	gnaaaggana	360
aggangttnt	nttttncaaa	aaaaaaccca	nactttggat	gggcaaactt	tnaaataang	420
ggatgaacaa	tggnccaggg	cccacccctg	ggcttaaat	ancaaaacnt	tggcctntgn	480
aaagncccng	tncccttg	gggcttctct	tttcccttca	ttnttggaac	ccannacttg	540
atgtcnttnc	aatcgnaact	ggtttaatgg	cccnattcct	acaaccgna	aaacttggtt	600
cctngaantg	tantctgcng	nnanaaaaaa	ncctccnnan	tgaantggcc	anaaangtan	660
tgatcataca	caaananaca	ccttnaaatt	ntaaccatga	acgcgattat	attatgnana	720
ganntcnttc	ggnnganatt	atgtagnaggga	gccagantnc	tcatgctnng	aatagngacc	780
nacaaaacnt	gntcgaggga	cttattgana	ttaatatgga	agatacanng	ttcntntacc	840
anganntggc	cacanagaac	aatcnatnga	ccgaaaaatc	cgggnggggn		890

<210> 4564  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(791)  
 <223> n = A,T,C or G

tttgaaaacc	cntttntttt	naatccctttt	ctttcaaagt	gttctngttc	tttttgcagg	60
atcccatcga	ttcgccaatg	gatgcaggna	aaactgagat	gggatttccc	cacgttgccc	120
aggctggtct	cctgagctca	aagcaatcca	gattgctggg	attacagctg	tgagccaccg	180
tgcttggtcg	agatgacttt	taaaaaaaga	cttctctaaa	gtagaaggaa	gggtggaatt	240
gtatgcacaa	gaagaaaaaa	acctggaaga	aaaacatact	aaagaggctg	gagtgcaatg	300
gcgcgatctt	ggctcaccgc	aacctccgcc	tcccgggttc	aagtgattct	cctgcctcag	360

cctcccaggt agctgggatt acatgg gccaccacnc ctggctaatt tttttt	420
agtagagacg gagtttctcc atgggtca ggctgggtctc gaactaccga cgggtga	480
tccaccacc tgggctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc	540
tnctgttcc agttttctat aatctgttca tattatattc tgggtatatg tgggtggtgt	600
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt	660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcaggttacc	720
aatcttaaaa aaaacttant tcattttnaa aattaaacnt taaaatttnc caattccatt	780
tnaacattaa n	791

<210> 4565  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4565	
ttcattttaat cttncctttt ggatctntnt gcaggatccc atcgattcgt aattatannc	60
cctggagttta tgcagctaata taaagggtcaa acgcataact ttaaagacgc cttttcagga	120
agagattcaa gtnttacgcy ggtgccactg gctttttatt atggaatgta tgcataatgct	180
ggctggtntt acctnaacta tgttactgaa gaagtagaaa acctgaaaa aaccattccc	240
cttgcmttat gtatatccat ggccattgtc accattggct atgtgctgac aaatgtgggc	300
tactttacga ccattaatgc tgaggagctg ctgntttcaa atgcanntgg cagtgcctt	360
ttctgagcgg ctactgggaa atttctcatt agcagatccg atctttgttg cctntcctg	420
cttgggctcc atnaacnggg gtgtgtgcng ctgtctccag gttattctat gttgccgtct	480
ctgagagggt naccttccan aaatnctctc catgattcat gtccgcaagc acactnctct	540
acantggtnt tgtttgcacc ctttgacaat gataatgtc ttntttggga gacctcgaca	600
gtcttttnaa tttactcaag gttgccaggt ggctttttat tgggctggca attgtgggc	660
ttgatttatc ttngatncaa atgcctnanat atgcacgggt ccctttcaaa ggtgccctg	720
ttcatccac tttnttttg ncttnntttt tttnnncnnn t	761

<210> 4566  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 4566	
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caggnatccc atcgattcgc caatggatgc agggaaaact gagatgggat ttncccacgt	120
tgcccaggct ggtctcctga gctcaaagca atccagattg ctgggattac agctgtgagc	180
caccgtgcct ggctgagatg actttttaaaa aaagacttct cttaaagtaga aggaagggtg	240
gaattgtatg cacaagaaga aaaaaacctg gaagaaaaac atactaaaga ggctggagtg	300
caatggcgcg atcttggtc accgcaacct cgcctcccg ggttcaagt attctcctgc	360
ctcagcctcc caggtagctg ggattacaag catgggccac cagcctggc taattttgta	420
tttttagtag agacggagt tctccatgtt ggtcaggctg gtctcgaact accgacctca	480
ggtgatccac ccacctcggc ctnccacagt gctgggatta caagcatgag ccaccgcgc	540
cggcctccct gttcagtttt ctataatctg ntcataattat attctgggta tatgtgggtg	600
gtgtgattat ccagtgggc ttattttcac attctttgca ttaactataa tgtacttaat	660
ggttttaaga taaagttcat tctacaaaga tgtatgtnc atacctggn tcaggtaca	720

atcttttaaaa aaaacttaat t ttaaa aataaacatt aaaattncca n attta 780  
aacatnt 787

<210> 4567  
<211> 787  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(787)  
<223> n = A,T,C or G

<400> 4567  
gntttttaa ttccttttnc ttctaatect ttgcttnac nttggctctt gttctttttg 60  
caggatccc atcgattcgc caatggatgc agggaaaact gagatgggat ttnccacgt 120  
tgcccaggct ggtctcctga gctcaaagca atccagattg ctgggattac agctgtgagc 180  
caccgtgctt ggctgagatg acttttataa aaagacttct cttaaagtaga aggaaggggtg 240  
gaattgtatg cacaagaaga aaaaaacctg gaagaaaaac atactaaaga ggctggagtg 300  
caatggcgcg atcttggtc accgcaacct ccgcctcccg ggttcaagtg attctcctgc 360  
ctcagcctcc caggtagctg ggattacaag catggggcac cagcctggc taattttgta 420  
tttttagtag agacggagt tctccatgtt ggtcaggctg gtctcgaact accgacctca 480  
ggtgatccac ccacctcggc ctncacagct gctgggatta caagcatgag ccaccgcgcc 540  
cggcctccct gttcagtttt ctataatctg ntcattatatt attctgggta tatgtgggtg 600  
gtgtgattat ccatgtgggc ttattttcac attctttgca ttaactataa tgtacttaat 660  
ggttttaaga taaagttcat tctacaaaga tgtatgtnc atacctggtt tcaggtaaca 720  
atcttttaaaa aaaacttaat tcatttttaa aataaacatt aaaattncca ntccaattta 780  
aacatnt 787

<210> 4568  
<211> 762  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(762)  
<223> n = A,T,C or G

<400> 4568  
tttaaacttt ctaatccttt acaactactt gttctttttg caggatccca tgcattcgaa 60  
ttcggcacga ggaaggacaa aaatatggct atctgantag atgcagaaga ggcatttgac 120  
aaaatctaaa atattaagta aagaagatta tattagtcca ttctgacatt actataaaga 180  
actgtangag agcagcccca gtgcttatag ataaaactcc catctncta ggacagagca 240  
cctgggggga atgggcggct ctgggtgcag cttcngcaga cttaaagtgt cctgcctgcc 300  
agctcttgaa gagagcagca gatccccag cacagcgctc gagctctgct aagggatgga 360  
ctgcctctc aagtgggtcc ctgacctca tgccctcctga ctgggagaca cctcccagca 420  
agggttgaca gacacctcat acangaagag ctccgggtg catctgcan gtgccccct 480  
gggacgaact tccanangaa ggaacangta gcaatctttg ctgttctgca gctccgctg 540  
gtgataccta ngcaaacagg gtctggagtg gacctccagc aaactagagc agacctcan 600  
cagangggcc tgactgttag aaggaaaact aatgaacaga aaggaatagc atcaacatca 660  
acaaaaagga tgtccaccaa gagaccccat cctaaggtca cccaacatca aagaacaaag 720  
atngagaaaa tccncgaagt ttgaaaaggg ggaaaagggg ga 762

<210> 4569  
<211> 785  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4569

ttnnnttnna	ttcccttttt	gaactcgggt	ncttggtctc	tntgcaggat	cccatcgatt	60
cgttcgagtg	caagctcccc	atctttcgaa	agtttccatg	gcaatacanc	taactgaaga	120
actaaaagcc	agtgatgtac	ttgccagggt	tctcagccaa	gaaagtgggg	ttgccagac	180
tctcaagaaa	ggagaagttt	ttttgtatga	aattggagga	aatattgggg	aacgctgcct	240
tgatgatgac	acttacatga	aggatttata	tcagcttaac	ccaaatgctg	agtgggttat	300
aaagtcaaag	ccattgtaga	agacttaaca	agctgcagat	aaccatgtgg	acttctgtca	360
taattcttgc	tgagtcaaga	gtgtaaataa	aagaaatggc	aggactcata	ttattcantt	420
gtaccaagt	atttaaaaat	gactctctta	agccttaaaa	agtcatagat	ntgtgctgct	480
gccagaatta	tattaattat	tattaatggt	attattagaa	aaaaaatttc	tggagtgaga	540
agtaaaaagg	cttaattagg	ttgtggggcca	ntttcatatg	ctctggtgaa	atgtgtccca	600
natgtnacat	agtttttttt	ttaatatgtg	gaaatgtctt	ctcttcccat	tcntttctcc	660
ctaaaaatcn	tatatnctg	gaaatataat	gcctcttttt	aanctcttnt	taccttnnta	720
acattttacc	ccttttccca	gttanggnnt	gcttttttgn	ccaaaaagna	tanccaaatt	780
ccnnc						785

<210> 4570

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(986)

<223> n = A,T,C or G

<400> 4570

ccgnnttttt	tngnnnnttt	ttgcaanttn	ttggaaaaan	cccccttttt	taccaaanan	60
cctcnccttt	gggtttgctt	tttttttngn	ccaggggnaa	tcccccccat	gccggnatth	120
accgnnaaat	ttncggggg	cccaccggaa	gggggnaaaa	tggggggccc	caaaaaagnt	180
ttnatthaaa	attttgggg	tccntttttc	caaagnaath	tttttttttc	cnattthaatn	240
ggggggacca	aagggaaaaa	acctggcacc	cccnaccgga	aaatttttat	tnaaaaaaa	300
tcccccatgg	gttgggggaa	aaaaagggaa	atttggaatc	ccccanaaaa	tccaaatggt	360
taacctttcc	aaanaaaaaa	atgggtaaga	aaaaactttt	attaaaagg	aagnaannat	420
ggnggcttta	ttcttcttcg	gatggaaaac	tccantattt	ttgggtggt	nactctatth	480
aaacaatttc	ggtcataaac	acaaagacaa	accatgggg	caaaatgtgt	cctttgcttn	540
taaattctgc	cttcatttac	ttgaatgacc	tcagtgtcta	ggcagtggcc	tgtgttttag	600
acctggtgat	gacagctccc	ctcacctang	agctgagcac	cccgcccatc	ttggtgacca	660
cagaaccaag	gncacaggct	tcanctggta	cgccctgggg	caggggagaa	aattgtgctt	720
gcattcccaa	gtctgtctca	cctnctgggt	aaggtctgtc	gggcctgggt	ctgtccttgg	780
agccaccagc	atcctcagac	aaagaatcta	gacggngttg	ccaatttatt	aacagcaaat	840
aaccaattaa	aatggagact	attaaatact	ttattttccc	ncttanctna	aaaancnaaa	900
ntttcccccg	ncnanngng	gggcanacct	tanagnncca	cnaantnngg	nngcngngng	960
gnanggnnnn	naaaaaaaat	nntcct				986

<210> 4571

<211> 804

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 4571  
 ccgttnattt cgaantttgn aancccttta caanactact tgtgtgcttg ttgtggcagg 60  
 gnaatcccat acggatttcg gggaaattca aaaaaaccca aagnttacc caggaaaatt 120  
 aatgggtggt tttntcttta aagnggtana aaaattggga aggggaaacc tgggtgggaa 180  
 aaaaaaatt aaggaaaaag ggnggagggg ggggtaaaaa tccaattttc cnttaaaatc 240  
 cttaaaattt aacccttaaa aagccattaa gnaatacctt ggggttaaaa taatcctttg 300  
 gggattaat ggnttttttt cctggggtct tttggttttt angctctggca tnggattggt 360  
 ttttaaccatc cttntattag ctctctnaat gctgcctatg gttatatttc catgntcnta 420  
 tattntactn ccattgtaata tatattatnc atattaccta tattgaaang gaaatgctta 480  
 tatattcatg tcaangtaat gntatcctct nctgntatga ttattatttg cctnaacatn 540  
 ttgattgatt tatntaacc tgtgctanat tgggaactac ttctctncta tagaccttaa 600  
 nannaacatn gctttatcaa gattttattc agtgatattt taaatgattc tgctgtagg 660  
 ctgcccagac aaattagtgt ccaataatct aatgaatgtt gnaagtcattg tnggattatg 720  
 aattccatta ttttactaat ttacttgaaa aacatgattc aaaaanattgt ttttgttggt 780  
 tgggttaaaa aaaaaatnta aacc 804

<210> 4572  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 4572  
 gtgaatcctt ttcnaatngc ttggctactc gctctttctg cangatccca tgcattcgaa 60  
 ttcggcacga gggcagctag agtcaggaaa atgaccctca tatgctnttn atctttgttt 120  
 cagttgtctg tcagggttga attaagaagc tactggttta ttcccaattg ttgatgcctt 180  
 taggtatgtt ggaatctttt tttttgccta ggaggggcca gtngaaaatc tgtgactcaa 240  
 gangcagtga acagaatact gntttctggg gaaaaattgg ttggctactt gatgttaatt 300  
 atggnacagt aacaggaaaa ggttgtgtnt gtgtttttta gtaatgtctt tattctgctt 360  
 ttttgcctgc ataagagttt tctgaaattt atatttttaa cttttcatgc actttactgt 420  
 ttctagtctc naaatgtgat attttnaatc aacaagaaat tttccattat gngaataaaa 480  
 ttttaaaaga caatagccta tatttgtgtc tctaataat ataaagtata ggtcaaattt 540  
 naattatttt attagtttta aatatctcaa tttgtctnct ctttcaaacc tgacatnttc 600  
 ngctgggttn ttaagtccca aaatgatgca ttttaccttt nggncaattt caattgccta 660  
 antttcnntn ccatangtna aattaaannc anggttattt attaanggtt aatnattttc 720  
 cccannagg ggtaaatttt taatgggnga ncaaagngtn gntggggatt gangtctttt 780  
 catnccangn ggg 793

<210> 4573  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 4573  
annatcnctt ttnattcnat c acttg ttctttttgc aggatcccat cgccgaat 60  
tcggcacgag gtattcttct tctactggag aaggtaccga aaaagaattt gatcctctga 120  
ttgcttaggg ttttgagaca tgagaaataa tgtctttgat ctggttttga gaaattattg 180  
catattttat ttttaagtgc tgctgcctct gcctttcccc ttttgctcct caaatatata 240  
aagtaagtag cctgcctaca ggaggactgt taaaaatcat atcactagat taaatagaat 300  
taaaaaagan acaggaagat tgaagatgta gnttaatata tgtatcatta ataatagaat 360  
aaatacaaga acataatggg tgagaaattt atttcttaat aaaaatttct gagactagac 420  
ctttcaacat ttagttatac atactttaat aaaaatctat catagtaaatt ttataatttt 480  
tggttgagta tgtgaataat cttctgcgc attattggcc tgttataaat ctttcaatga 540  
attgtgggtt ggagttaaat tcatattgtg ctgaatttac aaaatttaac agtttgctnt 600  
aaacgtttta aaaattntct aacttagcac caaatcccc catacctttg tgtgtgtgtg 660  
tgtgtgtgtg tgtgtgtatg cctgtggana aaaagtcng agatcttatt tctcatthaa 720  
aaaangttag caaaaaaaaa aaattttttt ttttnc 756

<210> 4574  
<211> 801  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(801)  
<223> n = A,T,C or G

<400> 4574  
atatnctna taancctttc aactacttgt tctttttgca ggatcccatc gattcgcaag 60  
agcaaggggtg gagggggaca gattgtntng tccnttaaatt gtgtgttgac acacatgggc 120  
ttcgggttag ctggcctgac atggagatag antgccaatg ttcccaagcc cacagaatta 180  
tgagggcctc accncagta ttcacagctc tcaactggcc tttnanaatg gaaacctttt 240  
ctgccttgga tatggcgctt cttctgggag aggagcanag ccacagagag gtaggaagtt 300  
gaggcatagc aaaggggaang cttcaganc taaagccngn tcatctcata tgtgttttct 360  
angcctgngg ctgaaangaa gaggagtggg gcancctggg acggnaactg cctctntggg 420  
ctccccactc ccatggaggg gctncataaan ctttgctcct gggtgnatc ttganaagng 480  
ggcanggtct tcccaccant ggcanggtgt gcagtgtgtg tcccaagcct tggaggggaat 540  
ggggaatggg ctggcaccct gctcaaggaa agcanaagca cacangtgcc ccaacagggg 600  
anccttcattg cccccaatan ttttaaaaaa ngcaacccat cacttaaggc ttgggtgccc 660  
ttttcggnaa aaactaccaa acttgaanc cctccccggc tttaangccc aacnaatttt 720  
nccctggggn acnttccctt gggaccccc aagggntttc ctttaaccag gccaaaaaaaa 780  
aaaaaaaaaa nccncccc n 801

<210> 4575  
<211> 895  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(895)  
<223> n = A,T,C or G

<400> 4575  
cnttnttcna nttatccttc aactcttgtt ctttttgcag gatcccatcg attcgagag 60  
gctgaggttg gaggatctct tgagcccagg aggttgaggc tgcaatgagt tgtgattgca 120  
ccagngtact ctancctaga cancagagga ataacctgt tcnacagata angannttca 180  
tcanttannn ntnataanaa ttctntcagt gncnngaang nngacacngg anctccctna 240  
ncangangga catnncnna nggcatntt acgnntcang tgccatacat aaagnngatg 300

ntggnttgag	nttacnacca	caacngaa	anatttgcna	nnanncttat	gnatnct	360
ttaatntnt	ccatgtnttg	ctacgca	ttcagnnat	ngtgtgggtc	tnaatgn	420
ctgnctnatt	tcttactcaa	anggattacn	ctanatncaa	caattntttg	aaatggggng	480
cttaatcgat	ttaaatgnga	ggnnatttta	cctnatgggtc	ttgganggcc	acctggnttc	540
cttaaagtgg	ccttttgatn	nttttaaatt	ccaaanttag	gcccnttttt	aaaataaggt	600
cccaatggna	aaaaantttc	cttnnaactt	ttaaacgtn	nccttaattt	ttcttaaagc	660
ccccctnaat	ttnttcaccc	cngaagggga	anggnaaaat	ttggggnnng	cccatttttt	720
attttngggg	aaacctggcc	aagngggatt	taanatcggt	ggggaatccc	ccnccctttt	780
gggaccctgg	agccaatttt	ggcntttaac	cnaaggtnnt	tatccgcccc	acttttctcc	840
aaaaanntta	ccccccacca	ngtnttccca	aancctgggg	gttttttttt	tntnn	895

<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4576

tatcnnttat	tctntaacc	ttgttctttt	tgcaggatcc	ctcgattcgn	tnatgtatna	60
actantcnna	tatgtttnt	ancatnctta	ntatccttgc	mngcattatg	nggattcagg	120
gtcaacttnt	cagactgnga	gcctgagagt	tnntctctaa	gaggtccac	accttnttg	180
tctnttagat	cgnggccaaa	ntgagatgaa	aactaactct	tgagaaanaa	aaaccancat	240
gcnttaactg	atacaccgtg	ttgncttggt	catncacagn	nmatncagcg	antaccaaca	300
tccacgntat	gaaatgncnc	cctangtntc	ttattctagc	aactgccngg	caccacaacc	360
atggtaacnt	tggggagacn	naggtctttc	gcttanagga	tgacacgcca	agtttaacga	420
cgcagttcct	ctggaaagat	gacntgtgaa	taacagaccn	caagggttgc	ctctcgaccc	480
agcctgttca	ngantcacia	gctctttaat	gtcatgtaac	nttccatata	atnttngagn	540
ggncctgtg	ngncacaccc	tgtgaagngt	gtatatgcnt	cctncagtgc	tggtgtgcta	600
attcttctgc	attnaaatgt	cctgaccata	ttgaaaacat	cantganana	ntcctgtgca	660
tgannggatn	ctaagggcta	tntatgatgc	ntttttaaac	tcaatgggng	tttnncnaa	719

<210> 4577

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 4577

gagcccagaa	tgaacatg	gcccccccaa	gttatcntgt	gatcccagg	tttcaagata	60
gacttttgag	tttttcacag	tctgtcttan	ctcagcanga	taacttggga	cttcagaaac	120
agttggatct	acaaagagaa	gttctgcatt	atagccagaa	agcccaggaa	aaattgcttg	180
tacagagaca	aacagcattg	cagcagcaga	tacagaaaca	tgaagagact	ttgaaggatt	240
tctttaaaga	cagtcagata	agtaagccca	cagttgaaaa	tgatttaaaa	acccanaaga	300
tggggcagct	canagactgg	tttcctaata	cacaagacct	agcnggaaat	gatcaagaaa	360
atattaggca	tgcanatagg	aacaactctg	atgataatca	ttnggnttca	gaagatacta	420
gtgccangct	aagttggtga	gcactctggga	gaaagatctg	gggagaagat	cctncaaagc	480
cacctgtagc	aaaagtcaaa	tgtggtttgg	accttaaaac	ccngcattga	acttaagtgc	540
ttttccaagg	aagttanaag	ttncagcan	attnggcagg	aactttctat	accttaggtn	600
aaaccagg	tattttntgg	aagaacnnag	tcccccttgn	naagtcttca	attatatccc	660

cagtaaccaa nggtttnttt ttr aaccc cantggcccc ttgatcccg n ttr antgg  
cttttc

720  
726

<210> 4578  
<211> 1071  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1071)  
<223> n = A,T,C or G

<400> 4578  
ttttt naaan aattncceaa tnnnttttgg tnaaaatttt tccnccnaan ttttccaagn 60  
aacccettaac cttttgggtt tttgcctttt ttttttgggn cnaagggggn aatccccccc 120  
aattcccggg aattttncce ggccnttcc tgggtttggg gggnaaggna atttgggggg 180  
gggnaagggg gggggggggg ccccttaat gggccnnntt tcaaattggg cccttttttn 240  
ctttgggtta agnttgggc ccaaaaaaac ccccccttt aaaaaccccc attgggttg 300  
cccccaagcc caaccttaaa gcctttaagg tngggaagga atccttaaac aaaggaatcc 360  
aatccggncc ctccggccc cttcaatttt aaagtcaaaa anggcnttca aacctttctt 420  
ggctttccac aaangtcaat ctttttttgg ttcacttctt ctggtnaaaa taaatcaaac 480  
tcacgcctc aaagtctctg ttgtgggaag tttgaggtg acaaatttt caacaagaaa 540  
tttgatgcc atatgggaaa atcccaagct agctttttgt ancaagttnc aaaaatcaaa 600  
tatttcaaaa cagaatgaga agcttactat cgtggtggga agtacaaggc tttggtgta 660  
aacaatcctg agatggaatt tcatctctt ctaaattaga agctgcanaa gacctagtca 720  
aagtctgaac ccttatgagc tttcgtttcc tcagctgtaa gtggaactaa taacactgaa 780  
tttgatgaag ttggttatga aggattaaat tggacaaaat gggaagtgt tagcatctat 840  
ggcacataga tgtaaaatta aataaagaat gggacanggt gctattnaaa aatatttacc 900  
ttggcccggg gtggcaatgg gcntcatgcc tgtaaatccc aaaccagttt tggggaangg 960  
cccaaaggcn ggggtggaat caacnttgag gggcccaagg naagttcaaa gaaccagctt 1020  
tggnccacc cattgggntg gaaaacctt aaaattcccc ttttccctt n 1071

<210> 4579  
<211> 1052  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1052)  
<223> n = A,T,C or G

<400> 4579  
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atcattaaat ttttctcata gttcagaaaa aatgtgccaa agggaaacta ttggctcctc 120  
cttcaaaaac agtcttaatt aactttcatt atttanccgg attaaaacta nccagaagca 180  
gggntcangg ggaaaattaa aatggatatn ggacccttaa attgtatcat tctgagttga 240  
ttgngtgggt tattcattct ggaaacatgt tgatacttac agtcaaccac tgnnttttga 300  
taagtatat tgattaagg tgaatcttct ttgtaaataa gtatttacc agttagcaaa 360  
agtctgtgtt ttcaagaatt accagtgagc accaagaggg tgttcattaa aaatggggga 420  
aattgaagtn ccacttccg gnaagaaaag ttggctttaa aaccttggac cacttggttt 480  
ggaacaattt ttgggggcct tgggaatnaa aaaaccccc tggttgggn ggggggggtt 540  
ccttggttg ccttgntggc canttttggc caagggnaat tggggttgn aagnccaaan 600  
cccggttnc cccnttcnt cnaattggtt ggnaaccaa ccccccaac caaaggtttt 660  
antttgccc ccggggaaat gggttttggc cccaaggaa attgncccc cccctttaa 720  
ggggggggna accaaagaaa agttccaaa acccccccc cnaaaccttg gaaaggggaa 780

ccccacctt	gggttncccn	ttcaagg	naaagntcca	aggggaaaaa	aa	tttgg	840
gtaangggg	aaggaaaaaa	aa	antta	aacccaaccc	aacccaaagg	gg	900
gggttaaagt	ggtttaaaat	taggnatgga	naaattantt	gggaaatant	ggtattantt		960
naaatgggtt	taaaaaaatt	gtacccttt	gaatcaaaag	gtaccttttt	ttattaaaac		1020
nttggncct	ttttttann	gnaaanmtt	tt				1052

<210> 4580  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4580							
ttaatanatc	cttgattgg	cngatccatc	gattcggg	cg	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaatggaga	ggcaaacccc	tgtttg	tg	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgag	ggga	180
cccacagcat	gatctagatc	gagtaaagaa	acctatcang	ataacccatt	caggtttctt		240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgataggt	gtttgcactc		300
atcttggtcg	tgtacccatt	gcaaatgcag	gagatttttg	tggttattac	tgcccttgcc		360
atgggtcaca	ctatgatgca	tctggcagga	tcagattggg	tcctgtcctc	ctcaaccttg		420
aagtcaccc	gtatgagttc	accagtgcag	ataggtgat	tggttggtta	gagacttga		480
ctcaagtcnt	aggcttcttt	cagtctttat	gtcacctnag	gagacttatt	tgagangaac		540
cttctgtact	tgaagttgat	ttganatatg	taagaattga	tgatgtattt	gcaancatta		600
atgtgaataa	attgaattta	atggntgaat	actttcaggc	attcacttaa	taaagacact		660
ggttaaccac	tgntatgctc	aatcataccc	nctaaaaggt	acaaatggcc	tttttaccta		720
atnctaattn	aaaaattncc	ngactggngg	taaaaaaaaa	a			761

<210> 4581  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

<400> 4581							
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cgaggnaaag	ccatctttgc	attgatectc	atccgccttt	ttgctcgccg	cagccgcctn		120
cgncgcgcgc	cttctnccgc	gccgcggact	ccggcagctt	tatcgccaga	gtccctgaac		180
tctcgctttc	tttttaatcc	cctgcacccg	atcaccggcg	tgcccccacca	tgtcagacgc		240
agccgtagac	accagctccg	aaatcaccac	caangactta	aaggagaana	aggaagtgtg		300
ggaagaggca	gaaaatggaa	nagacgcccc	tgctaacggg	aatgctaagt	aggaaaatgg		360
ggagcaggac	gctgacaatn	acgtagacga	agaanaggaa	ganggtgggg	angaaganga		420
ggaggaanaa	gaaggtgatg	gtgaggaaga	ggatggagat	gaagatgatg	aagctgagnc		480
agctaccggc	aagccggcng	ctgaagatga	tgaggatgac	gatgtcgata	ccaataanca		540
gacnaccgac	naggatgact	agacagcntn	naacgaaaag	ntaaactaaa	aaaaaaagcc		600
gcttnacctt	tncacctncc	actgccgtct	canaatctaa	accttggncc	cctttnaata		660
anaaaaggcc	cgncgggnc	acngtggggc	antgccaccc	cgaagatgan	acncgctttt		720
caacacccaa	cccaaaccct	gaggaatttg	gaacaagggg	atggaaaaaa	gaaccnnnt		780

<210> 4582

<211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

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<400> 4582
aanaatcctn cctcccgttt nnattcntat acaagctact tgttcttttt gcaggatccc      60
atcgattcga attcggcacg aggccttgag ggaattanac agattttctg ttttgaatag      120
ccaacacatg tttgaagtac tagctgccat gaatcaccga tctcttatac tcctggatga      180
atgcagtaag gnggtcctag ataatatcca tgggtgtcct ttaagaataa tgatcaacat      240
attgcagtcg tgcaaagacc tccagtacca taatttggat ctcttcaagg gacttgcaga      300
ttatgtggct gcaactttcg acatctggaa gttcagaaaa gttcttttta tcttcatttt      360
at ttgaaaac cttggctttc gacctgttgg ttaaatggac ctgtttatga agagaatagt      420
agaggatcct gaatccctaa acatgaaaaa cattctatct attcttcata cttactcttc      480
tctcaatcat gtctacaaat gccagaacaa agaacagttc gtggaagtta tggctagtgc      540
tctgactggg tatcttcaca ctatttcttc tgaaaactta ttggatgcag tatattcatt      600
ttgcttgatg aattactttc cctggctnct ttaaatcagc ttctgcaaaa agacatcatc      660
agtgaagctg tgacatcaga tgacatgaag aatgcttnca agctgcatct tttggatact      720
gtctaaaaact tgatgatacc ttggggnncc cctttt      756
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<210> 4583  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

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<400> 4583
cttntttacat ctctctcggt ttattcgata ccnctacttg ttctttttgc aggatcccat      60
cgatttcgaat tcggcacgag gagaacctaa caaatgaatg tgggtgggtaa ggaagagaaa      120
gaagtnnaga tgaaatttcc actctgctgg ggaaactagg tagatagatg atcatgaaga      180
atctgaggaa gagcagaagt cgtacaggta agaatgaatg cattcattaa tttattcagc      240
aaaactgcct gaagaatacc atgtgcagca ctgcgggaca aaacagggct tgcattccca      300
ggctgtntct ttgtgaggac aacangaagg aagttgagaa acacacaaga acaatgctaa      360
gatggggaaa ctccatacgc tgcgggagca catacagaca aagtccaggt agggctcccc      420
gagaaaagtga cttttctagt gattcttcaa gtatgagata gtcatccacg caaagagatg      480
gtagaaaagt gttttaagca aaacaacaaa atgtgcatag gtcagaggc ctatctgatt      540
ttctatggca ngctgggctt tcatcggcag anaggatggg cttantgaan gaagctttgt      600
tgggttttgt ttcgtttcgt ttgtttaaat ggtcatacaa agtttttatt ggctaccttg      660
cttcaagaaa aactgggcca atgatgaggt gatcatttct attaatagtt tcattacngt      720
cctgtgtcat tgggggtaac ccaaaaaaat t      751
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<210> 4584  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)

<223> n = A,T,C or G

<400> 4584

aggancnntn aactcctgcc agtanagaan acaagctact ngnncttttt gcangatccc	60
atcgattcga attcggcacg aggtttngcc ttgtnggccca gactagtttt gaattcctag	120
cttcaagtga tccacctgcc tcgacctnac catcctagat tgtaaacctt gaaattttct	180
agagctgnct cccagtgcac ttaacttact gngtggtatct gccttgctgc cctnactttt	240
catantctca ccccgncctc accacttctt tgncttcnnn tgnactggct tgtgtttaca	300
acatnggatt aacagctgna aggtcagcaa tgaattccca aatangcatt cagcacctat	360
tttcagccct tcttaatttt tctgngacat tcgtaccttt ntaaagntct tttcttgnt	420
ctgatgacct gagatatctt gattttccta cctcattggn atcctcaact ttcttctct	480
ggctttgccca tnttgntcct ntctcctcgt attcattggg ggncctatct gccctctggg	540
aaagttcaac ananggtntc natacctact ccgcgntnnc aanggccgc ctaatgaata	600
taaatgctcc anggcaccaa ancacaattc ntttacaatg caatccannc ccttctcctg	660
acttttcttg gcaattntac taacctaaact cntggttggc ttcnaaaact ggntnaaaat	720
ggaanctacc tgctacccca aantggggaa agggccc	757

<210> 4585

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4585

ttatccnnta ccnaannaac ccttgcaaan ccgcgncng ncggagacnc tagaggacnc	60
ccngntaccn anttnaatgg gcacnatagg gancctttna ccgatgangt gggcgccggt	120
ntacaccena tntactgtga ntatatngnn ttgtnnncng gnggcacac agcattctnn	180
tcnactatth cggggccaaa ntgagacgtg gaactgannc cctcttacta caacacaact	240
tnnattcacn ncatnangt cnntngccan agnngagggn gcatgaaaca ctnatcnan	300
gattnnnat atganaccac gcggtaangt ttctgnggt nngacnnac aggcctctnt	360
tcaagtgtt ncaccagcag tngaagrnng gtgncccgcc tntccgggn nggtgacnan	420
tcnncaatn ngnacacggg ttncctgtnn ntacnaganc actnacttca tgccagaacc	480
ngcatnnang nmntnatgnc gactctgtnc cttgttcacn atgtactaan ggcttntttt	540
acttgctggn gncnctggg aacaatagtc ttnantntag gggataccnt tngtgnaaat	600
ancanccnat cccanantg aancntaacn tntccgggcc ttnannccan tccgggttaa	660
tnagcggaat ttgntggng cactntnnc ccncacctag ttncaacgag gancatcccg	720
gggnttannc ccaggccttt cccagggtg aattncnaag gggggcttnt ggtaannca	780
aggagaggtt tccaaaactt cgatnngggg gggngnaacc ccccn	825

<210> 4586

<211> 1546

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1546)

<223> n = A,T,C or G

<400> 4586

ttttnggggg naatncanac ggnggganaa canccctttt ttttgggggg anaaaanccc	60
cccgcnatn tntagcgnca gcanctcnac agtannggt nngagcacat nnatncgagg	120
gagngnnntt gantntnncn cncctacnag ntacntnagn acagngcacn ntnagntttg	180

tgnnnccgnt	tttttttatg	n	agccn	nccgcngana	tacaatntgg	cgacggnn	240
naggtgcggc	ggnnnanagt	g	gnann	aggcgnggg	gngcancagn	cgagnanc	300
gcccannnc	cnnctannag	nganancgna	tccggnncggn	nagaggcant	ngtcanncgn		360
cgcgagnnnn	agnnnnnnnt	nnncgangcc	gacgaanana	gnnaggngnc	cnnnnnnnag		420
ngnngnagnc	anaaanann	tnnncaaaa	nagggnagna	gagnntgna	tanntgcgc		480
cnngtganta	nccnaagnnc	nacntccncg	gnccccggnn	ngancaggcn	ncagaaggng		540
cccnannct	nnataanana	ctncnnnnct	nacanaagg	acnnnnncng	cacnntgnga		600
gaagangccn	cngnnaggna	cacccggann	gnnnananaa	agnccgggag	canccaacng		660
nantncacnt	cgncncgag	natgannngn	nnncgcnat	ntcncnncn	aacagcnntn		720
ncngactgaa	gngtcngna	gccgataatn	gaacngcnc	ntactgcag	ccgantgnnc		780
cccgcgatnn	cgctanatnc	gtntnnangc	gnntcagngc	gcnnnctcgn	ncgnactnnc		840
catcacgcgc	ntacantnat	naccgcgang	cgcgngangc	ccangnnng	canacacgac		900
ancgngtnc	acncgcgnnn	gcgangganc	cgncncgatn	ganacgagag	ctacangagt		960
atagcgacgt	catancgnga	gnganatgac	gantgactnt	agnccgnacn	ncnnnnngnc		1020
tnccagcncga	cactntgagn	catcctngan	nnccggnagcg	antcncgtg	anacanacgc		1080
gcnantncnc	acnggagann	aganggcang	cacgcnatcg	ncgcagctac	gancgngat		1140
gagnnntngg	angcgacgc	cgcntgcagc	gcangngacg	gncntgntgn	gcgtngtgc		1200
cnantangaa	ncncagcggt	anancngat	gaaggannnta	tagacagnac	cnactggcga		1260
cnaagcaaag	cangatagac	tgtgacgc	gacagacggt	ngagggtng	atcgnnccaca		1320
gcacgcgcgc	ccacanacgt	acnnnantag	catcagann	nacagaacnc	gacagannac		1380
agacanactt	gcatngngng	acgananaat	antcncncca	cgacaganc	agacgagtac		1440
gcatgagcgt	ngngcnnngt	annnananat	gnagaggcan	acnnagntnt	nnanaancgc		1500
tgtnannnta	cncagcggnn	gcagannng	cgncacngn	ngcnn			1546

<210> 4587

<211> 1003

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1003)

<223> n = A,T,C or G

<400> 4587

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ccntcaagtc	cnatncggcn	cgagcncanc	ttntnnann	tgtcgcgtct	gagcccatga	120
gncacgacnn	cnttcnccgg	cgctgnatt	gncatntctc	ccaaatacgt	ggctnntccn	180
cantnnga	natcggnatt	tttagtgcca	gannattggc	nataatgtnc	ncntgagan	240
aaannctnct	gncatngaa	accatcttna	tacttgncgt	nnnnaaatnc	attgtgannt	300
ntgaagggga	acgggcnctn	nnaaagngat	gaatttcnna	taacttnacn	ggttnatnan	360
gaatgatattt	gcncacanc	ggaaaatcac	cccactnntt	tgnttcaaga	ntgggcccct	420
aacgggaggg	gtantagagg	caaaccntct	ttgcgggctn	ttntatttcc	ttntttcaaa	480
caccaatntt	tgntgaanaa	taacagtgtt	ttnaattnaa	ttaccaccgc	ntncantgng	540
attntttgnc	ccattncaaa	ggntgggtca	attcccctaa	aanaattggg	aaaanantaa	600
tttnccattt	cntttttccn	ttnaaangaa	accntnccnt	gnanttaaaa	aanattctn	660
tnntttccn	caaatttttt	nnntttnaaa	ccnctnancg	gctaaccagg	nccgnttttc	720
ggtgncctn	tttattgttg	gccanntaaa	nccccntttt	aaaaaaattg	gccttnaaaa	780
aatccttacc	atttttnnna	ancctaaaaa	nggattaaac	tttcaaanc	gtnaantaaa	840
tttnnggggg	ttcatntnnc	tttgaactcc	ccctgcntcc	cntanaattn	gaattgncac	900
attggtngna	nccaaantat	ggatntttca	agannaanac	tgggcttnca	aatgnctttt	960
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<210> 4588

<211> 997

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(997)  
 <223> n = A,T,C or G

<400> 4588  
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 agcataagga tttattgaat gaaagtatga aagtgtggtt tttatttgaa agtcaaatat 180  
 ttggcagntg gtgttcattt attctataaa ctttcaaaac agatgacaag ttttaaggaa 240  
 atggggggccc taataccaaa tttggttgaa ttaaataaaa tccccaaagat tcttttctaa 300  
 cctttttctt ttttaaaaga caggggtctc acttctggtt gccccaggct gggaagtccc 360  
 aatgggtgcc aatccttggg caagactttg ccctgctaag ttttccctta aggctaaatg 420  
 gttaaattaa gtgggggtttt tgtggaaatt tcntaagaag ccccatTTaa agaagggtaa 480  
 gttttttttg ggaattaaac ctgggttttt ccattcttac ctttaatgga agcctggacc 540  
 tggttaagttt cnattcccac ctttaatgga aacctggnaa cctggttttt tccaatcccc 600  
 tccttttaat ggaanccctg gaacctgggt aaattggggg gaaaaaaaaat ggggtgggtg 660  
 gtnggtncaa anaaaaaagg tttttaangg naatttgggg aaaagaaaaa attttccggg 720  
 ccttgggtggc cntttttccc caaggggttaa accttaaaaa aacccaaaaa gaaaacctgg 780  
 gttngnccc tttgggggtgg ccccttttgg ntttngggaa aattcctttt tccaagaaa 840  
 tccantggaa tncaagnaag aaaaaaatn ggggtggcnt accaccttcc aacaattttt 900  
 taaaaaaaaa tggaccacnt ggaccncccc ctggaccatt aaaccttccc tttaaaattt 960  
 ancctaattg ggggaaaaat ttttttcccc ccttngg 997

<210> 4589  
 <211> 945  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(945)  
 <223> n = A,T,C or G

<400> 4589  
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 aattcgggaa tttttccggc atancnacct tgcgttgang gnganagcna agtcgggttt 120  
 nggtngggna ccnntgcatg gnntaggcan nagnntangg caaatcatta tccgttnnnc 180  
 aanttgggac gncgcncccc cnaaaattng ggtttaacca ctttngngtn ggggcccntt 240  
 tccaaagggtg gntttcccga agggcchctt ttttaanngg gaannttngg aaaaccnttt 300  
 ttttttnggg ancaaanact tanaanngcn cgggggcttt anccccntg gtnataggcn 360  
 ttttggaacc tncaagatgt tcaacgtgan tcntgccaaa ggtttggnna cttggtgcan 420  
 gggaaanaaa ttgaaccggc caatgnggat gccttgcaact gaagaagnac ntcaattgct 480  
 ttggagtctg gagaaantgc attattattn gctacaaggt aancatnngn atggactgnt 540  
 catngctgtg natcgtnnt nataatancn gagccnaatg aannacactt ctantngttg 600  
 tactgnaata atagggttna ngntnntagg gcagnttgtg tcncaatcnc cntangggat 660  
 cnatggtaa tgatggtatc tgnaancctg ncatactgct ttaannttnn gggggaaaac 720  
 nggctgagta cttgaagtgt aatgnttct tacntccagt agcnananac tggatatcatt 780  
 cagtttttnt cantagnttc nncaaggtaa ngnanaatgt ttttaagnaa aaatnnggct 840  
 tttttgttng ggggggnanaa aantttcnaa gnaactcggt gcctacnaa angtgcattn 900  
 ttttggtgaa aaacaanttt ttgccccng aaaaancant ttttt 945

<210> 4590  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 4590  
 aatcatctct accgtttgan tgcngatcc ctcgattcga attcggcacg agggccaggc 60  
 tgggtctcgaa cacctgacct caggtgatcc accctccttg gcctcccaaa gtgctgggat 120  
 tacaggcatg agccactgtg ccctgcctgt aatTTTTtatt taatTTTTtcc ggtgatggca 180  
 tgagtgaatg tccacattta aagtattttt ggttcacaca tggcctttgt ttattattta 240  
 tgagaaaaaa ttatagaaat aatttaaggg tggtagagaa atgcaaactt agaggactta 300  
 aaatgtacat gaaaactcca tttgatatga caaataattt acaggtcaaa tattttaata 360  
 tttatatata taatagatgc cagttagcac aattgacaag ttctctttta cagaaaaggc 420  
 cccaaaatgt cttctactga tgccagatca gttgattatc tagggataga tatctgaaat 480  
 aagctaggcc aatttgattt tctcactcag gaattatttt attgactaat tttattagtt 540  
 cattcagtca gcaagtattt attgaaggcc tgttacatgt ttggttgcta gagatcaatg 600  
 atggaaaaat tcanataaag tttctgcttc aaacaaagaa attaaattgg ctagacatgg 660  
 gaaaatagnt ggccttccca agangggaag gttctataca tttagtgtg ntaaggccta 720  
 taagaactnc ctctggattt tntcccccn ttgc 754

<210> 4591  
 <211> 1389  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1389)  
 <223> n = A,T,C or G

<400> 4591  
 cttnncttgn tttnggccat cntentccgt gtgegtngcc gctgcenntn natnccnctg 60  
 tgtncacaan nctgttggtg ctttacactg ctcnagtga tggtnccgt ncttggatcg 120  
 ggnggacctc cttgggagat caatncccc gtccttccca cactttgctt ctgtgaggaa 180  
 aagaatncca acctntccag cccttttaag gtcccttca tgacctnaa ccctaanccc 240  
 cccanaaana aanaaccaat ttntttcaac ccgggaattt ttttgaaaa aaattcnccg 300  
 ggnggtantt tngggaaatt ttgaacccaa aaccngaann gggaatttta atttttntt 360  
 tttgaaaaaa aaaaatgggg gtcccccatt taggggtttt ccaaccccc caattgggtt 420  
 cccccctttt ttcccttngg ggggananaa agggaaaggg aacnccnngg naaaggtttt 480  
 tggggaangg ncccaanccc agggganaan gggggggggg tncctctan gggnnatttc 540  
 cttgggncca aaaaaccccc cccattgggt ncccttttg ggnaaaaaaa aagggttaa 600  
 gggngggccc aaacnaangg gggtttgccc nttntntatt ncnnttccca aaanggtttt 660  
 taaaaacctt ttttccaana aanccccctt ttcccgggc ccnttttctt ttttaaaagg 720  
 ggntttttcc naaaaaaatt tgggaatttt ttgnttttcc ccttgggtcc ccttgggggg 780  
 ttccccctt tannccccg caccnttttg ggccenttng ggggggnaac cctttaacca 840  
 aggccaaaag gnccccnttt cntttntttt aacccaanng gggggnnttn cccctttaa 900  
 ancnttttna aaaaccccc ttggaanttn ggngnnaaaa aaanaacccc cnttnnttn 960  
 cctttaancc cccccntttt aaanccaggg tccntnccn ttaacctttt ngggncctt 1020  
 tancctnggg nttaaaccct ttttcgggaa ttccaaattg ggnaaaaag gtgngggggg 1080  
 ggccentttg gcccacaact ttttgggaaat tanggnaaaa canttttttc gtaaaagnaa 1140  
 ggcccaactt tgccttaaat tttttttttg gaaaaaaaaa gggaagggnt ttttgggaaa 1200  
 attaaattgg gnttaaaaaa naaataacna antttgggca aancnngggg gancntttt 1260  
 tnaaaagttt ncnttttccc cnttttnccc ccanttccgn aaangggaaa gaagnaaatt 1320  
 tnccgggttn tttatttccc cannccccc ntttttttn ggggggnaaa aaaaaatntt 1380  
 ttttcntt 1389

<210> 4592

<211> 955  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(955)  
 <223> n = A,T,C or G

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<400> 4592
acittgatat tattaaaanc cttttncccc gatttttcta aatgggccac gggaatnccc      60
ccnattccgg aatttncggg gtgggaaccc tnggcccnag ccnttaccen angttggggt      120
tttccccgga aaaaaaatgg gaagggggnt tgtntgtaat ggtgtntccc ccaatttttg      180
gccaaagaaa gcccaagggg gaacaaagcc aaggttccaa ttcccccccc aattaaagcc      240
cccccttcct tggaaaaggg gaaagggggg gaangggggg aatttgccct ttaaaaaaaa      300
gccaaanggg ccaagttttt cttggttcca aagttttctt tgaaccgttg gggccaaagg      360
tggcccaant tggcaaaact tttggttgcc cggggaangga agtctttaaa ggaaagtgcc      420
tggtcantaa attcaataan ggggtccaaga accaaacaat cttggaatga aatgaaccca      480
cctggaaatg tgttgtggct gaccacaag gaaggtgaat cctcttgctt ggggtgctta      540
tgggtgcagg ttgcttncct ccacatctct catttgctta aagcagctac aaaaggatcc      600
aaagactcat gagactaaaa atcattctga ggacaaagag acaaagatct gnctgtgggtc      660
acactgtgag gcttgcttac actgatgttc tctatgggag gtcactgaag acattcagcc      720
ccacacgaga agatcagagc aacttggaag ccccaaaggg agacacaccc tttaacactt      780
gccgtgctgt gcttggtgcc tgctccttnaa ggaaggaaaa gaccctatct cctctggggt      840
ttgntggctt gacanttgca acttgatcat gcctttgact ncntcatctt nttaacaaga      900
aggaaagaac ttgtttttta ttcnaaaccc ttttnaattt nngggggggg ttccc      955
  
```

<210> 4593  
 <211> 780  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(780)  
 <223> n = A,T,C or G

```

<400> 4593
nnaaaacccc ttngnngnna cnncttttga atnccctttg cnaactngctc tttntgcnng      60
gatcccatcg attcgctaac aagcgattnt aaaccaccta tgagtatctc ttntagggct      120
ttcttaanta catgttngna tatactgtat nntagccana ntaattttnn atctgatcag      180
gtagtngcta aaattagaaa aaaacaaant agatgcttaa agaatttgca tccatttttg      240
agtctaaatc ttttaaaaata tactgagatc cacatctagt gaaatgtcag tgtcaaaata      300
ttatagatta tagctaaaat ccagattaat actcattngg ggttttttat agtggaactt      360
catagtnata caaaangcag atngtcttcc tgtctccgct gctnccacag taggtattga      420
aactggtnaa atcagntcct ngatagtgtg tgtatataag aaaanataga tacncacatt      480
cttttttctc agtcaacaca ttgattgaac actctggcaa agatgctgng gtggatgagg      540
ttggagttcn aaagaagaag canagcgctg gcctgccttg aaagaaccga agtctttcnc      600
attcacttct ntagaaagct gccaagacag angcagaaaag aaatggatga taggtctgct      660
aagcacactt ctggntctct tagaacttag aagtgnntct aagagaacan aagnctaacy      720
agaaacagtt cntngtngaa tcaacaatct ttnggntgga acccctnttg cntttttttt      780
  
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<210> 4594  
 <211> 902  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(902)  
 <223> n = A,T,C or G

<400> 4594  
 cttttttcca aaaaccccct taccttggtt tttttttaa tggtcccggg antnccncca 60  
 ttgcgcnatt tnccgnaaaa tttncgggnc caccggaagg aaaattagcc catgggaagc 120  
 ccggtncag gaaaaaacca gggncagggn aatttccaaa aaatccctgg tttantcccc 180  
 aaagnaattg cccaaggtn ggtttaatgg tnacctcnt aaagcccttc caagtttttc 240  
 cantccaatc cttgggaata ataacaatat tggggtacct taatccttaa caangggggn 300  
 tggtggaata acctataacc ttaattaatg gtattntgag gggcattagc naaagcattt 360  
 nggcacatac tagtgcccaa nggtgtntct atttgctgtg ctacatggnt acccctttct 420  
 ntccctgana aatctcagga tttgggcaca ctgcactact catntaacnt aaaataaaca 480  
 naggccgncc ngtgggtcac tctgtatcca cacttgggat gtgacgcgcg atcacaagggn 540  
 angagatcna gacatctact atctgngana ccngtcttct aaaaatcaaa aantaccggc 600  
 cggtgccggc acctgtntnn cactctntgg agactgaggc angagaatgg ngtgacnccn 660  
 naggcggact tgcagtgagc cgagataagt gctactgcag tncgggngctg ggtgaangag 720  
 caaagactnc gncttcanaa nttaaantna gtcanaanccc aaaattaagc aaggttggac 780  
 ccccanttan ttaaaaaaan ttcccgggtt naaaatttgg gaaagccctt tnccaagttc 840  
 nttnttaaat ccccaattta ntttaaagcc ccccttngg gggtttttaa aaanncccaa 900  
 ag 902

<210> 4595  
 <211> 891  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(891)  
 <223> n = A,T,C or G

<400> 4595  
 ccnntttttn ttgnattttt tcccannttc ccccntttac cttnggggtt ttcttttttt 60  
 tnggccaaagg ggtaatnccc ccnattccg gaatttttnc ggcaaatttt cggtngccaa 120  
 ccggaaagcg aanttnctta gacgtgggga aaaaagnccc tttgnctac ccccccann 180  
 tanagnnggg tnggggncca aaccaaagtc aangggggta ccnactttgn nnaacctngc 240  
 ctgggaatng aaacccgggt ttcntnggtt ttccnattec cccatttttc ccgntntttn 300  
 attttttaat cggaataatt gntaaaaacn cggcggtggt atttaccngn cccttttttt 360  
 cantcggatt tttnaaaaaa anaagaggag tggcaaagga aacccctttc tacacataac 420  
 tgaangccac cagtgattca gtnccagaga ggaggggcnt nncatantta tattcatcna 480  
 tgcagcagga ttttcgngta aaaaaatcgt tatcaggcta cacacatgga ggaggctggn 540  
 ntgcgatggt gaaataccac actngatate cactgnatct tgacctactc ggccgacnng 600  
 catnaggtat anntgtcnct ntntttttct ttcccttgat ntttncngtg tcgnttagaa 660  
 caaagctcaa tctntcatnt angntcantg cntngtcnca atttnagttt aacttggtgc 720  
 cntgatcttn ccaggnttaa gcnatttttt gggccttttag cccctcncaa ttacnctttg 780  
 gactacacgg cntttaaccc agccttgccc tgggcntgaa ttccgtngat ccttttnggt 840  
 aanaaaaatg ggggggtttc aaccattttt ggggtttttt ttnggggggg g 891

<210> 4596  
 <211> 828  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4596

cannnnncgtc	gannannnnan	nccnaannaa	anannnatna	angnnncnna	nannnnnacn	60
nnntcatngt	naccttgaan	cettcaactc	ttgcgtctcg	angnnccaag	nancgnanng	120
gaacgagcca	anntttnacg	ggcnanctg	cancccaccc	aagacannna	tnggcaanng	180
ggcaanncaa	cggagtncan	nnaactnaaa	cnggtgcca	nagataccgg	cntntgcca	240
agaantnngc	tgngcaattg	atganaaaant	atgagnagcc	cncctcgatc	ggganggcna	300
cangggccgn	aannngnctn	acnctgngca	gngcatnatg	agcggcaaaa	ngngnagctt	360
gaanncanna	tananngata	ctcnagcngg	angccgggag	tgaannacnc	nanngctata	420
taacctaacn	ttnaacnaga	tgggncaaca	atgccnanaa	cagggncacn	ntangaaang	480
ttggggacgc	ccccatccgg	gaccangaca	catgagntac	tnctcaang	acanagatca	540
acacangggg	gaanacanca	cacactgcnn	taacngaagc	atgaanggaa	atgtggcctt	600
tcacnaaaag	cgnacaangg	attgctagat	tgaanacaac	cttaaccctn	ctntagcact	660
tggcgattnn	nntntacggg	aaanggnncg	caaangaggc	tnctnntgng	aaaaaaagg	720
ccnntctcag	ggaaactttt	tccccgngna	acccccagca	ttgtggnccg	ggcaccccn	780
gggttanttc	ctacaaaagt	nccgnnggcc	ccccccccc	cncnnct		828

<210> 4597

<211> 1395

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1395)

<223> n = A,T,C or G

<400> 4597

accccccaacc	nncgccccnn	cccccaagcn	nnacgcncg	gpgcnanngc	gnnnacgggg	60
cacgcggcng	cctntgaacg	cttggaaacn	cncctcgacg	cgcgggccng	cacnaanngn	120
ccgngcngnc	cccgncgcng	gnnnnnnang	cctttncnnc	ccnnnacnnn	ncacnccnga	180
aagcccnnc	cncgcnac	gagnaccnnc	nccnncnnc	nccganccnc	ncgpgcncng	240
ggncggnant	nnngngggcc	nanacnnacc	gncnnncncg	nnacnncng	accaaggcnn	300
ncnccacnag	accnnagnnn	nnncnncacc	ccnccnncn	nnnncatac	ngccnncatg	360
cnaccacacn	ccccanccan	cagnncnnnga	cctcccnac	gccccnctca	acgncnancn	420
ncacgcgacn	acngccgcn	anncgctcna	nncngccan	ccacnnacca	ncgcnncagc	480
cgncgcncag	cccggnccac	nncnagcaen	acnggctngc	accannnnnc	acctnnncgn	540
acnccaacng	cnnctncnng	cncnncncca	ngcnnacag	acgacccann	ncnccagagc	600
gnnaccann	cagcacgncn	gnannatcnc	gccccgcncn	ngcgcnctan	anacgcgcgc	660
aananaggcn	ncnccnnnca	caancngcng	annangtnna	gennnnngnct	gnacnanaca	720
cacnnnacca	cnnccnccat	gnncanacan	gcngcnntc	tnatcnnnnn	ngccatntnn	780
cannaancnt	ncacccccna	gngnagnnca	aanatgngc	ancnccntcc	cngntanan	840
cncggacnac	ncagnanca	tacngancgn	cncanggag	ncnccntccg	ancncggaan	900
gncnncann	nccgnccann	cnntnnccaca	acgnacacga	cnangnnccg	agcaccncgg	960
cggccangcn	ngacggccan	ancnancagc	gcaccacnan	accacaggng	nncnnncaac	1020
gnncacaacn	nngcanaacc	annnaccct	angacannac	gggncanccg	ngncganncn	1080
ncngcancg	ctacgancan	cgcgantgc	gcccacgacg	anacacgnac	annnnannnn	1140
gngngctecn	gacanncc	gcccacacnc	tncgncccc	cncnccagc	agntcgnntc	1200
nccaccgcag	acgncanag	ctacctnnn	cngnntnnnc	ccnnccgca	cancctann	1260
nctacnangn	acgnntcgc	naacantcgc	ancnccancc	tnncnncacc	acnatngat	1320
ntccgcgant	gcacanncn	nngngccncn	tngcanntag	acaccangca	ganncngtnc	1380
nnancgcngc	cncg					1395

<210> 4598

<211> 1053

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1053)  
<223> n = A,T,C or G

<400> 4598  
gtgncctccc ntccttttca annnnntngg aantctcnct cgetntntcg tgcnnncgcc 60  
nntgtgatng cangantact gagatgggat ncnccccacg tngcccnttn ctggtctcct 120  
gagctcaaan cnggncagat tgttnggatt acagntgtga ncctcccntc cngctgnan 180  
atggacttnt taaaaaagnn ctctntttaa gtannaagga nggntgnant tgantnccca 240  
nnangacnaa aacngggntg aaaaaccatc ntaaaaggct gnnatnnnat ggnagctann 300  
tnngntccnc ngnnaccttc ngnccccngg nanctnntgn nttctnnatc ctccannnct 360  
ntcanntagc ncngnnattt tnancattnt tccaccnntc gctngcntaa tttcnnnnnt 420  
tatgattttt nntcaccggn gtctctttcn nntcnctntn ntgcengnct ctectnnncn 480  
nnnnngtncc ctantntgtn taccncanca tctngttcta cnntcaacat ttgnntntng 540  
nnattaacat tncngtctgn tcancttcgn tncctcannt nntannctnt tgnnncgan 600  
tcngttantt cttactctcn cgngnctann ttgtntgatn nttatcgatn tcacctcnat 660  
acacntatna agancnctcn cgnaatacta nctnctnana tanctgatca cgcnnngcct 720  
nntgntnta atactcaacg tcaccnttat ngcgcnataa nttcnnanct tattgacagn 780  
acattatnat nannnatann ttatactnga ntnatctagc tcgcctcaca nntanancac 840  
nntncgancg tnttnnnctn ntnnatnate tntcnntcnn tattatctcn atcccgncta 900  
tatnnattnt ttngnnnanc ttcatacnet cnanactctc atnacnnctn ctcncttcna 960  
atgcntncnn gcttntgatn tngctcanaa tcaccatctn attatctcat ntccgttctc 1020  
ctnntacnat ntntatntcn ttagncctgn ncc 1053

<210> 4599  
<211> 1053  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1053)  
<223> n = A,T,C or G

<400> 4599  
gtgncctccc ntccttttca annnnntngg aantctcnct cgetntntcg tgcnnncgcc 60  
nntgtgatng cangantact gagatgggat ncnccccacg tngcccnttn ctggtctcct 120  
gagctcaaan cnggncagat tgttnggatt acagntgtga ncctcccntc cngctgnan 180  
atggacttnt taaaaaagnn ctctntttaa gtannaagga nggntgnant tgantnccca 240  
nnangacnaa aacngggntg aaaaaccatc ntaaaaggct gnnatnnnat ggnagctann 300  
tnngntccnc ngnnaccttc ngnccccngg nanctnntgn nttctnnatc ctccannnct 360  
ntcanntagc ncngnnattt tnancattnt tccaccnntc gctngcntaa tttcnnnnnt 420  
tatgattttt nntcaccggn gtctctttcn nntcnctntn ntgcengnct ctectnnncn 480  
nnnnngtncc ctantntgtn taccncanca tctngttcta cnntcaacat ttgnntntng 540  
nnattaacat tncngtctgn tcancttcgn tncctcannt nntannctnt tgnnncgan 600  
tcngttantt cttactctcn cgngnctann ttgtntgatn nttatcgatn tcacctcnat 660  
acacntatna agancnctcn cgnaatacta nctnctnana tanctgatca cgcnnngcct 720  
nntgntnta atactcaacg tcaccnttat ngcgcnataa nttcnnanct tattgacagn 780  
acattatnat nannnatann ttatactnga ntnatctagc tcgcctcaca nntanancac 840  
nntncgancg tnttnnnctn ntnnatnate tntcnntcnn tattatctcn atcccgncta 900  
tatnnattnt ttngnnnanc ttcatacnet cnanactctc atnacnnctn ctcncttcna 960  
atgcntncnn gcttntgatn tngctcanaa tcaccatctn attatctcat ntccgttctc 1020  
ctnntacnat ntntatntcn ttagncctgn ncc 1053

<210> 4600  
 <211> 1020  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1020)  
 <223> n = A,T,C or G

<400> 4600  
 tntaatcctt ctttctattt nttnggaatc nnantngctc tatngcgctt gggccnatgg 60  
 atgccggana actnnnatgg gatttttccn acgttgccna ttctggncnc ctgagctcaa 120  
 agcaangcng gattgctngg attacagctg tgagccancg ngcctggctg anatgacttt 180  
 tanaaaaaga ctnctntaaa gtagaangaa nggtggaatt gtatgcacaa naagaaaaaa 240  
 acctgnaaga aaaacatact aaagaggctg gantgcaatg gcncgatctt ggcncaccga 300  
 aacctcngtc tccngggctn aagtgattnt cctgccnnag nctcccaggt angctgggat 360  
 tcaacnnatg nnccaccann ccnggntnat tntgaatngn tantntcnga cctgttcctc 420  
 tccatagant ggntcncgga anntctncca tnttcnntga nctacangnn ntnnncnann 480  
 tantanntnn ntcnctctan tnnngntact nttnanntna tcatnttnaa ntggntctct 540  
 atctcnantt cactaatngn cctngnacna tnattancgn naccnctat aaaatacaca 600  
 tncntgnttc nntnanaata caatnacatc cntngtgagn cactnactna nacngtgatc 660  
 tctcgcantn tntcnatcnn nccnccatat nnccanggca catctatntc agatnnaact 720  
 canctngtan tattnagana cnetcgacnc actntctgtt atacttntnn cantctntaa 780  
 tagagntntt ncganncnnn cttctgntnn ncnanacnac attntnntgt tacatcntnn 840  
 atatngcctc tnattntanc ntcgtannnc attntncnnt tctnncctca ttancnntnn 900  
 tancantcnt cncncnntat ntaaaanccgt ncacacagtg cnnnntatnc accgaannta 960  
 cntnnacntt atcacataat cnetgagtnn atatactcnn gttnttctat tcnctatccc 1020

<210> 4601  
 <211> 1081  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1081)  
 <223> n = A,T,C or G

<400> 4601  
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 ttcactnact gtcccatgaa ncaaaaaattg gatcttttct aagcaacaga aacttttagga 120  
 tggcnangac aaaagctnng ncttnntccn tntganntan natatgnaat ggagattctt 180  
 tctnatgnng atcccattcn gttagccnta aaaannncat acgngcnann cggaatngga 240  
 ccttagcaaa ccaaatgcgg naaagcctga tggncgaatt ngaangangc cactgncccc 300  
 ttaaaaaatt gagcctcnn cttnccttgg gcgggnaaac ccccttcctt nttnaaccgc 360  
 ttcttnntag ntcaaaaagn gnggtaaatn ncccgggttt cttatagnat cttgntaacc 420  
 tntatccttt gtttgaacaa cttttcatcc cctntntnt ccccggnnaa aagncttctt 480  
 aaaaatggnn gggncctttt cnttttantg gatttttcca atnnttaaac ngcttttaat 540  
 cggnttcctt aagganance ccggaaaaaa aaaatttgan tttnggggga agnaagnatt 600  
 tccaacggna aagaanccnt ttccttggg nggccaaaat atttnatgga cnccttttta 660  
 ttttcccccc cttttgttaa aaggntcttn ggaantggac ccccttctnc cacctttaa 720  
 aanacctngg ggctnggtcn tttgccaaa ccataanaag ttgggaatag ctatggcccg 780  
 ggtnttttaa ancccttgng gaaaaaaaan gggtttngcc nttnttttn cncnccgtaa 840  
 ttttnaaagg gggggggttt ttttttctnc ntttttaaac caaanggggn cccaatttng 900  
 ggggaacctg gaaaccngg gtttccccca tttttttttt tttttttttt ttaancaatt 960  
 aaanaaaatt cccacanttt ntttttttgg ngnaaaangg ttnnttggga accccccctt 1020

ttattanggn ggnngggcccc t gnaaa aanattnttt tntttnggg c aaaaa 1080  
a 1081

<210> 4602  
<211> 1046  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1046)  
<223> n = A,T,C or G

<400> 4602  
cgtnttttaa cnccttnact cccgtgcttn atgccgancc acncgtactt aactggcgcg 60  
ngatgtgtgc tttngtnagg catcactttt cccaagnatt tcatgttcat ngtaaagagg 120  
aaaaatacan attnctctat aatgtctcca ctnattggct aantcgccac ttntcatctn 180  
tgtgggaaat gccangtttt gaantcaagc cttcnnnaat tnngaacatt tnttncaang 240  
tttattcccc aattgcggnn ggaanatccc tnacctggct naaaaatnaa atttctttaa 300  
cccattngga aattngcnta aggnnccaaa anaatttttg gcncctggcct ntcttttaan 360  
ggnccttttt nccccaaaaa nggaaatttg gcccaaattt cttggnggga cccctggnc 420  
aacncctttc cccttggaac ccnaagnccc ccggggaccc attggccttt naaanaaaat 480  
gggnanttng gncccnanaa aaaaacnccc cctngggggg aaaaanttta aaanngggnt 540  
nggccccttt taaaaccaa gnggttgga aaaantaagg nnccttacc ntaatttttna 600  
acagnttanc ccttttttgg tcctgggaac caaattggng gnatnaaagg cggaaaataa 660  
atgtgggaat nccccaccc caattntngg gaanagtnat ttggncttt ttnaaacaat 720  
ngggaaaaaa tctttaaggt ccnaatnacc cctggggggc ttggaaagt tnttcaaaaa 780  
nggatttncc aaaaccctaa cccttcccc aaaaaaaaag gggattccaa ngggtttant 840  
tnccctcaa tncaggtanc ctgnccctta aattattatt aaaagccacc ctttcccgga 900  
agaatccaaa tncgnaacc anagtttaaa aaanccaan ngaagccttg ggnrangggc 960  
agttttanaa gaaaatggcc cnaacaaccc ccggttttgn aaaaagagg accnggggtt 1020  
tttttttttt ttnaaaaaaa aaangg 1046

<210> 4603  
<211> 891  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(891)  
<223> n = A,T,C or G

<400> 4603  
ttcatcctnt ntngcttttg tgcagatncc tgcattcggt agtgtgtaac tcctaaatta 60  
gaacactttg gtatctctga atatactatg tgtttaaatg aagattacac aatgggactt 120  
aaaaatgcca gggaataata aaagtggagg ggccttaga tacagaatcc aggtcattg 180  
gataaatgtt tttggccctt cccaccccca tcatccagna gttgggaaaa aaagtgatgc 240  
cgaatatacc caactcttcc ttttggtacc ctaccatttc tggtagctcc tgggttttgg 300  
aaaaattccc atcntaccaa aggaaacagg cattagcctt ttgggtattn ccccaaaant 360  
taccocccant tanttcaaaa aaaccaaaaa taggtttcaa ttcaaaaatg ggaatttttg 420  
gnaaagtttg gaaagaatcc ggtaccttcc ggtttggggn tttttaaaaa ttccaagaac 480  
caccattgcc ttttgaggga aatttttaaa ccaggaattc cccttnttt tcaaccctta 540  
ccggaatttt cntttcttta atggaagnaa attctggcnt caagaaacaa cccttaccac 600  
cctttccaag aaaggttaac cttnaaaant ttcccagaaa agaatanctc ntncagcnt 660  
ttttntcaaa aaataccaac ctccaaacct tagcttntct ccaatagcca atttaaagcc 720  
gtgccncccc agtnaaaagg ntccttaaac atggacagaa catncgagat gtcagcaaca 780



aagaaactga aattccgtgg a	tncac acagaactgg aaaaaaaaaa a	actcg	840
gcctctanac tatagggggt c	tacgt aaattccccc ccagggnaaa n		891

<210> 4604  
 <211> 877  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(877)  
 <223> n = A,T,C or G

<400> 4604			
tcgnttngac tnttgaattt ngaagccntg cgngaaccct cangacncan ncgnnncgag			60
nggnantggn cccnatnctn agatttttct gggngnantg catgnggtct nnnaaggcgg			120
ntnctngaag aaccctngnt tgaattacna nagagngccn ngnatttnaa gcccaatatn			180
tggcnngcgg tgtccattaa ttntatancc nngcnanaca gatgacactg ttttaaggaa			240
atggngccna acccaanccg ggtggaanga atgaatnca agantnggtc tancggggan			300
ttttttaaag acanggtctn actctgttgc ccatgctgga gaccaatggn gcaatcttgg			360
caganttggc tgatagttat ccttnggctn ccgnaantnn cggnnaccgn gaaccccata			420
gccgttaaga aggttaggcc tntggaatga aaccgtttnc cancaaacna aaagagctga			480
ctgnnaaacn catcccacta antggaaccn nnnccggctt ntnaannct cnntnattna			540
ncctggacct ggccctaggg ggaaanaaaa agntgcngt tggcnaaang gaggtncct			600
ttnttttgnn naaacaagg attnccgnt tgaannccct gtccncaga tgtntcntaa			660
aggaccccca taaaaccngg gnnccgncca aggggaggnc cccgttgga tnttnggagg			720
attccttttc cccaataaaa actnttacc agnttggnng agcnnggchg ccaacccctc			780
cccgnttnan tcnttnaaan cncctctctng aacnccctc nnnatntgct ccatttnaa			840
ngnnccta at ggggtttttt tttttntnna nnnccct			877

<210> 4605  
 <211> 854  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(854)  
 <223> n = A,T,C or G

<400> 4605			
nnatcanttt atcangcttt ntnntcnntt tgcaggatcc catcgattcg catctggcnc			60
gaggngccat aanctcantt tnaaanngaa ttnnttttaa ntggangana tncntcngnt			120
nganttcngg ctttntgang gngacgnta gnnantcnan acacacttnc tnnacattaa			180
tggganncg nccctganctc ggganctncc aaaangttng nntttcctac gaatgancac			240
ncnttggnt gngnggaatn cgggcgantt agngctgcna tgggtgacatt attntncta			300
tataacanta ttgctggcct ncctaccgna gnnnttnnac cctgnantgt ggcactnccc			360
tncatatcca nanntcctcc gactgtatat gccttccgtg cngcatacaa nnnangccta			420
tancettaann gnaaccanan nnntgnggaa nggatganc caatacatgt gnnccattnt			480
ncatgngtgt tccnacatgt ggncctcgaa nctcangctt tggaaaccag ngtttcacgn			540
gacaatgana cttttccatg cttntntgcc ccncaatntn cctcaatttn nttataanca			600
aaaaattttt nntntatttt canaaggngg tccagtantt ttnttnacat ggganngact			660
ttaaaattnc ctaagcaagg ggaanccatc ttttaangan cattaanttt ctnctggggg			720
anaatccaaa ccanancttn gaaccttttt tcaatgaact tntngcaacn ttattttttg			780
agcanccaat ttttttcgtt tgaaattccc aaanacaaat tgtgttttag aggnnnnaaa			840
aaatcncttc cnct			854

<210> 4606  
 <211> 1401  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1401)  
 <223> n = A,T,C or G

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<400> 4606
ccttttgaaa ttttttnaaa atttccnttt accncgggtt tttttttnaa tggggccncgg      60
gaatcccccc natncgggaa ttttccgncn tnccttcttt gggaanagga aaaaatnaaa      120
tntnngagtt tantggccca cnataagggg aatccaaagt tngccaaang tttanatggc      180
ctgggtntng ttgcntccca actggaacct ggggggtttcc caagggggga accccccggg      240
aagaacccta ncccaaactt gaatttttaan aagaatggaa gaaagngggg gtttanctgg      300
ggtcaagaat ggaaacaaat ncctttccac tnaatgggcg gtggaaatgg gcccttttaa      360
ccanggaaga atgccttttg caggcaangg aagggaattg ccaagaatgg tcccttggct      420
tccacaagta ntccattggg caggncaaaa tggaacnatg gtcggaatga aataatgggt      480
tcccccncaa aatcatttan ntagtngaac nttttttggg ttnggaaanc cttccttggg      540
gccnntaaat taaaagaaaa aaatggnaaa gaatgaatgg taacaagaat tanttgttca      600
aaccngggac cttntctcaa agccaagtaa ntttaagtng gaaagttcct cggaatttgg      660
aaaaaaaaanc cntttaaaaa aggnaaccaa attttttccc aggnaaaaat ttgggaaaaa      720
naccttggtt aagnaaaant ttccttggat tttcnttttt taaaacaaag ttaaggccca      780
aggggggnaa aaaantgggt tttnaaaacc ttanccaagg gggttgggaa cccaaaaaaa      840
aaaaaaaaatt ancccccccc aaggggnttg naaaaaaccc aaccttggg gccttttttt      900
tgggggttaa anggaaaaaa tttngggngg gncccaaggg ttcccanntt ttnaaaaaaa      960
aaaagggtcc naaaaaaaa antttttttt ttttttnggg aaaccttttt tttttntttt     1020
tttttttttn aaaaaaaggg ccccccaaaa aanggggnan cccaatttta agcttttttt     1080
tttnaaaggt ttttttttaa aaaaggncce ccacctttta aaaggggtta aagcnaaatt     1140
anttttttta aggggggggg ggaaaaaatt aagggtttcn aaaaaaaan tttttttaac     1200
ctttgggttt tggaaaaaaa aaaaaaccca aggctttggg cttttanttg gttgggccct     1260
ttttnttttt taacccccct tgggttttcc ttgggttttc cccaaaattt tttttggcct     1320
tgggggaatt tttnggggaa accaanttaa agnnccccan tttttcccnt tttttttggg     1380
ggggggaaaa aaaaaaanna n                                           1401
```

<210> 4607  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

```
<400> 4607
ngnnnnnnntt tcnaaanccc ttttcnaatn ccttggctat ttgatctcct tgcangatcc      60
catcgattcg aattcggcac gagacctct ctggccaat ggaggcagtt tccctcagttc     120
tgtggtcaga tgctgaagaa atctgcagt catcttggga ccatacaatt agagtgtggg     180
atgttgagtc tggcagtcct aagtcaact tgacaggaaa tnaagtgtnt aattgtattt     240
cctattctcc actttgtaaa cgttttagcat ctggaagcac agataggcat atcagactgt     300
gggatccccg aactaaagat ggttcttttg tgtcgctgtc cctaacgtca catactggtt     360
gggtgacatc agtaaaatgg tctcctaccc atgaacagca gctgatttca ggatctttag     420
ataacattgt taagctgtgg gatacaagaa gttgtaaggc tcctctctat gatctggctg     480
ctcatgaaga caaagttctg agtgtagact ggacagacac agggctactt ctgagtggag     540
gagcagacaa taaattgtat tcctcagata ttcacctacc actttccatg ttggggcatg     600
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aaagtgaaca ataatttgct atgagatta tttctgtaaa atgaaattgg tgaacca	660
tgaaattaca tagatgcana tgggaaagc cagccntttg aagttatata atgttcnc	720
ccttataaca gcttaacgta ttactttttc ttatttggnnt tatnataana nagntgngtt	780
antaaaaan	788

<210> 4608  
 <211> 793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 4608	
tgntcnccta gggaaaccct anngaaaagc ccnccanntt tggnnaaaac tncgctnca	60
ntgacgtcca cacaccctnc tcgggtagag ntcattttgt ggcaacggaa tgcncggnc	120
aaacagnagn gnatnttnnn ggcacagaag gccngngcca ntttcatgga cacctggctg	180
gacctcngng gaagngaact ncgataagat gngtgcggtc actgcagnac ctcacantga	240
taccgtccnc tctaattggaa cngancctcc ccacatgcac ncncactca aanggagntt	300
naaaggctgg gttcagggtta caggggcgtn ttcttcaccg tctgaatgcn ggaagacaga	360
ntacnagctc cagaggagcg ngggcgggag acggagctga natgcnngat gtctaggaaa	420
ncgtcctcgn attcctnagc gcgggcngcn ngactgntcg cggcccttgc ctgncttnca	480
ngagcgcttc aacttnnncc aacacaccn cggnctgatg ttccctnnct ccggcggcct	540
gcacacccca acnatgcctg actnggangg ctncncntnc cacacngacc ntganttngg	600
gnncaagtna cancctgtnc caaantaccg nttaatncca aaagngnacc cntgaaaagg	660
aancgggccg ggnccnttag ccngngntnn ancnggancc gggnnnnccn ngngnangnt	720
ngaaagggtt cnccegancc nnttntcgnc ncctcgnatn natgcntccc cnggcantag	780
ncnacntcan ncg	793

<210> 4609  
 <211> 1104  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1104)  
 <223> n = A,T,C or G

<400> 4609	
nnnnaaaacn ctttnnnctc ccgttctttt tgcaggatcc catcgattcg aattcggcac	60
gaggaaaagg gacagcgtgg ataaaaaggt tttttaaaaa catgggatgg ttaaaggctg	120
gtttttgctt tgggaagaaa gaacttnggg gaactggggg ancaggctct ttaagaatat	180
ttaatttgga aaaatgcctg ggccacctgg tcctaatacct gggaatcccc aaggggcttt	240
ggaanctaag ggaattttga agggaaagt caccaagggg aaagccaaga atttccaagt	300
cctggacca ttttatttcc antgccaaag gttttttttt ggggtgcttg taagttatta	360
ttgaatggaa aaagaatggt aaaaagcctt gaaattaaaa ggccatttaa ttttctgcc	420
ccctaagaag tttggtttcc accagccccc taaattccaa gggccattaa tgggaataat	480
ggttaaaaaa caaatggaac ctggtaaacc cgtnggttta ttacgaatgg ttnaaaggan	540
ccaaaaaatt ttaaaaaaaa angggggggg tttttttaa naaaaaaann gaagggccat	600
taaaaggga nccccctcca aattggccaa nangaatttt ggaaggggac ccanttnaat	660
ttttttta tnttggag cccttttaaa aaaaagaatg gaaattaagg ggtggtttcc	720
ttccaangga aagggttaagg gggaatcctt gggccttgga aaaangggga aaattaaatt	780
cctggaggcc aaaaaggggt aattgaaaaa ccaagccctt taatngccnn ttaagnaag	840
naaaaaaaa gggttccctt ttttaaatn aaaggggcaa tttttngggg ggntttnggg	900

ggggggaaaaa	ancccttttg	g	aaaaa	aagggaaaaa	attngggggg	n	ccctt	960
nggggtnccc	acccaacca	ag	gggncc	cccttttggg	ngggttgggc	cc	naaaa	1020
acccttaaaa	aggggggggg	tttttngggg	aaaaaaaaa	atnaaanaaa	tttngggnaa			1080
aggggcccc	aaaaaaaaa	aaat						1104

<210> 4610  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 4610								
ggncctttgaa	acccttggtt	acntgccctt	tntgcaggat	cccatcgatt	cgantncggg			60
ncnagctana	cctcntatga	gggtnnctn	cagggctacn	gtgattacat	gnatgtntat			120
nctggnnngt	agccgctant	ganttgatat	ctgncagggt	nactcctaga	tgctcngnaac			180
cgcggtganat	ctgccgcccc	acctnagcat	gnatntgagc	gtctatcaca	nctnnnngan			240
actgggatnc	acatntatgg	anttgnnctn	gacaanatga	tatanntgnt	ntcntntant			300
cngantaant	ctaatttnnn	gntatgtnta	nnggancntc	atacctgtac	aagacgcnc			360
tagcntgant	gnctangctg	ctnaccacat	gtaggnattg	aaannggtta	nnntagacca			420
tgncannnt	gtgcctatac	ttaaaagatc	tnttgactan	atgctgctcc	ttgtagtacn			480
nnaccctga	tctggncacc	nctggtnant	tantgctgtt	ngccnatna	ggtacggtag			540
tttnganang	ancatanctg	gcgctacgnc	nggcnttan	ntganccnc	atanacatcn			600
nctattattg	ataccngccc	ttaggatnag	gcngtgtcaa	atggatganc	naccantagg			660
cnantnttgg	tntcgtacna	cttggnaacg	cccttagagt	aatnaaangg	gaagntgaaa			720
cnggggcntn	gggaaattan	acatcgttgg	cntgangcnt	aggcttnctn	atntttggn			780
ngann								785

<210> 4611  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(818)  
 <223> n = A,T,C or G

<400> 4611								
gatntntttt	tcaaancgct	aggctactcg	ttctttttgc	aggatcccat	cgattcgaat			60
tcggcacgag	gaaagctcat	taccagtagg	acataatttt	tggtctctcc	tattcacaac			120
cagtgcacag	tttgacacag	tggcctcagg	ttcacagtgc	accatgtcac	tgtgctatcc			180
tacgaaatca	tttgtttcta	agttgtgttt	attcctggag	tgacatgcc	ccccgaatgg			240
ctcactttca	ctgaggatgc	tgtcctctga	tttagctgct	gcctccagcc	tctggcttga			300
gaacttacta	aaggcacttc	cttcctgtta	aaccctgtt	aactctccat	aaatttggtg			360
attctctgct	aggcctaaga	ttttgagtta	acatctcttg	aagccaaact	ccacctctg			420
tgctttttgc	ttgggataat	ggagtttttc	tttaganaca	gtgccaaaga	tgacaaagat			480
ntttaaaaaa	anagaaagaa	angnaaaaan	aaaanccct	nacttttaaa	agnaaaattn			540
cctnacnagg	atnttttaan	tatnagntna	ttcttttacc	canttttctn	tttntctant			600
tccctnngat	nttttccaan	ctnaanggct	gggnattttt	aaacttcant	ancttggtga			660
aagacaaaaa	ggtgggtttt	tgganttnag	naaatttttt	ggaaaatctg	gcntaatnct			720
taaatttggt	aaaaaatttn	nggaaaattc	cttaanaaaa	taaatntnct	tattaaaana			780
aaaantngng	ccttttagaa	ctttngngng	cntttncn					818

<210> 4612  
 <211> 817  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = A,T,C or G

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<400> 4612
ttcaaangc ttggntctng ntctttctgn angatcccat cgattcgaat tgtgactnat      60
ncnaggataa atgtnatatg cgtatgattn tgatatgact ttgatgagnn tcttcagggga    120
aaattnctna aantgaaatt gctggattaa ngggtaaatg catgnatagt nttgntagac     180
aggncannnc nncnctcta naggtngtnc ccttttgtgt tcctgccann nataatntgag     240
agtncacnga ntatgtggtn nanctntata atgcttgccc atctgatang gaanaaatcg     300
agtatgcctt aatntgccct tcttttatta tgaatcagat tttaatnttt tgcctctaga     360
actatagntg agtngtatna cgtagatcca gacatgataa gatacattga tgagnntgga     420
caaaccacnn ctagaatgca ccgaaaaaaa tgctcnattt gtgaaatntg tgatgntatt     480
gcttnatttg tgaccattat aagctgcnat ntncaagtgn acaacaacaa ttgcattcat     540
tcnatggmnt cagggtcngg gggactgtgt gnggatgggt ttntaattcg acggncacct     600
gtgccaaatg cattggngcc ccngggaccc cagctttntg gatncctttt acatggaggg     660
gttnaatttg gccnccttg ggcngttaat cacttnggnc cataagccng gtttnactgg     720
tngttgaaaa tcgntantt nccgtttcac caaatttccc cacnggggnat tttctagccg     780
nggnagcctt caaatgggn anagcccttg ggggggnc                               817
  
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<210> 4613  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

```

<400> 4613
gtttnnnnnn nttnnnnnt tcnaatngct tggntactng ttctttntgc aggatcccat      60
cgattcgctc aggcctgggg ggaagaacaa gctacttggg agttaatgga tgatagctgc    120
tgtggccatt tttcttaaga gttagactgg ggagatgggt ttggaaagta aaatgcaaatt    180
ggtgggtagt ggtattaggt ggtgatgccc aaggcgtgct gtagaaacct gcagggtgaa    240
gcccataact tttgttacgg gaatggggta actgaatcct aaactagcta ggggagatag    300
ggatggaaaag agcagatgtg gaggttgggg agaaggagat gacaggagat atatccagtt    360
ccagagggaa tagggagagc tgtgtggcta agatttaact gtttggacat ttaatttggg    420
gaaattgttt tccagccaag tgaataaata atactggact tcaagtncaa gcttcataca    480
ggaagtgaag ttttggtgtg gagatagctg catagtcagg gaacactcta aattaaaaat    540
agggaggccg ggcattggtg ctcatgcctg taatcccagc actttgggag gccgggcaga    600
tcatgggatc aggagttcna agagcaccct tgaccagcat atttgaaacc ccatctnact    660
tgaaatncna aaagattacc cggcgtgggt gtgcacgcct gtatnccact tctcnggagc    720
tgngcangaa aattgcttgg ccccgaggagc gtggtgcatt aaccagttc                               770
  
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<210> 4614  
 <211> 1253  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1253)  
 <223> n = A,T,C or G

```

<400> 4614
ccccnagttt tcnaaaaanc ccncagttt tggaaaangc ccctttgtnc tanacagggc      60
catcccccaa tcgcatttcc gnaaaaagng cgncgcagna nggacttggg nncgcctgg      120
acnccngnat annntcgggc aacacactgt cgnggagagt tttntnnca gggccgggtt      180
taattacagc ctcangggta cggaggggaa aaacnanggg ggaanattgg nanannccgc      240
caaangggat tttgggggna aagnaattaa ncccaccana ngntntactc ngncnnaccg      300
gggccaaatg cnaggaaatg gggaaanacc tttccgtngg ggcaagcccg ggnaaccatn      360
gagcgnngga ccanttatgg ggcggggacg naaacctacn ggnccaaaca anggccacct      420
gcttanggaa actaggganc gnttaanaag ancgcganan aagcccgttc ncnaaacctt      480
tgnttgnnnn annaatgggc cntgggggnc ntncaacacg gngngnntaa annngnanna      540
nngnntttta acaanncccc tcaanggggt aacccgnaac caacctntgn cacngggntc      600
annnccnnna aaaananccc acacagcgat acnncgggga gaaaaaattt ntaannntt      660
nnaanacca atngccatnn aaaacnctt gcccaaacng ggaaaaaann gcccccgga      720
atntancaac cccangtagc ccanaattn ccccaacgga gngggcccca antatctgnt      780
agggnaatng nggnattngg cnnttnnaaa nggnaanata cnaccgnttt gngnggcnc      840
aanatggggg ngaattgcaa aagngnantt tggncaaaaa ancnaaaaaa ncgncctnt      900
tttnnacnan canggggaaa nncctcnagg gcaaccnata ccnancctgg nataagaaag      960
tcctnggnn acctnanaag nggngntccc ccganaaaaa aaaacnaagg nggttancgc     1020
aannccaatt cccccggngg atattggaaa aaaaccnggg gaanaaaaaa aaaaanggga     1080
agngcttntc canggggggg naancaattg gntnaaaaaa ccctttcncc ttanangaa      1140
aaccnttnt caaaaaanct tntaaanaaa aanccaatnn ttatnncccg cgaannccaa      1200
agnggtnttc aaaatacnng gancattaaa ccgcgnnatt atcccntnaa aaa              1253

```

<210> 4615  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

```

<400> 4615
ttcaaacnct nggctcttgt tctttttgca ggatccctcg attcgaattc ggcacgaggc      60
gcaatgcgag cggctggcgt agggttgggt gactgtcact gccacctctc cgccccggac      120
tttgaccgag atttggatga tgtgttgag aaagccaaga agccaatgtt gtggcccttg      180
tggcagttgc cgaacattca ggagaatttg aaaagattat gcaactttca gaaaggtata      240
atgggtttgt cctgccatgc ttgggtgttc atccagttca aggacttcca ccagaagacc      300
aaagaagtgt cacactaaag gatttggatg tagctttgcc cattatigag aattataagg      360
atcggttgtt ggcaattgga gaggttggac tagatttctt cccagattt gctggcactg      420
gtgaacagaa ggaagagcaa agacaagtcc taatcagaca gatccagtta gccaaaagac      480
taaatttgcc tgtaaagtgt cactcacgct ctgctggaag acctaccatc aaccttttac      540
aagagcaagg tgctganaaa gtactgctgc atgcatttga tggtcggnca tctgtaacca      600
tggaaggagt aaganctggg tacttcttct taattncccc ttctatcata agaaagtgga      660
cagcagaaac ttntgaacaa ttgcctttaa cttctatatg cttagaaaca gattcacctg      720
cnctaggacc ngaaaaacaa ggtaccgnat gancnt                                757

```

<210> 4616  
 <211> 1351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1351)  
 <223> n = A,T,C or G

<400> 4616  
 ccntttttttt ngcnaaaaaa aattcnncn tttttnggggt ttttaaaaaa nanccccccc 60  
 attttttttca tnnntttttt tnggnncagt naaaaaannn nanantttnt tnaggggnan 120  
 ataaannnnn nntannnnga angnnntnn tntntnaaag tannnnnnngn tttttntgaa 180  
 nnnannagan agnngnnntt tttttttnt nnnntanna gnttttttn tgnggnatc 240  
 atantattnt nncaaggagg ggtannntat ttttnaanga tgaantttgn atntnanngc 300  
 atnnannaan naaanttnnt natntngnna taatnaaaga attnaataat tanangatan 360  
 atacntaaaa aaaganncga gagcattntt nntgggattt ttnatcatct caaatnagnn 420  
 annatatcta tgaatgatan ttanttangn ttnataannt annnnnaann gtnttatnna 480  
 annatantgt natngannt gananaann atctgccang nangatntna tnaaatntnt 540  
 nnnngaanaac antnncnagg cgnaatnata ttnntantna ntntntnatt annaatagaa 600  
 aaatntnatn atnatatana ttnattatac antantatgn tnnaaantat atnanntntt 660  
 tatactctac tatatgaatt attcnnga natnaattan agnntngaag aaatatatat 720  
 atntanaatn tnatttaate tgtannagan tananacttn cnaancatnt ctatgatata 780  
 tganaganngn tatattctgt acttaatngn atattanata tgataaatan anagatatat 840  
 ataataattat nacatacgtg tatanantta tatntatntg nagtacnngn gannaatgat 900  
 tacttatatn antattnana tncnatanat atnnagggt tagtcntgta naatgtgna 960  
 tcannngagt cnnnataata nntntatctg ttatgtgtt atatatgtgn tngnatatat 1020  
 nctactannn nataaggnta taatttgnga nnagatgttn aantttnatc tcanagacat 1080  
 cnacatgcan atnangttga anantgttt ntatatctca tangtantct cntatngatn 1140  
 tntagctatt atntagaana nntanatata tntnctctnt atgttnaatg actcataant 1200  
 ctatnatgtn ngtaacaactn nctntgtata nagngatgnc tcatanatta cncntantn 1260  
 cngatatata tagnnnattt ntatattnat actctantan ntgatngana tattntatnn 1320  
 acnnanatag actactatan taataanatn a 1351

<210> 4617  
 <211> 805  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(805)  
 <223> n = A,T,C or G

<400> 4617  
 ttctaattcc attctaaatn ccagttccaa gccttngtgc aggatccctc gattcgaatt 60  
 cggccgagaa gatgcagggtg aacaggtagt atcttcccca gcagatgttg ctgaaaaagc 120  
 tgacagaatt attacaatgc tgcccaccag tatcaatgca atagaagctt attccggagc 180  
 aaatgggatt ctaaaaaaag tgaagaagg ctcattatta atagattcca gcactattga 240  
 tcctgcagtt tcaaaagaat tggccaaaga agttgagaaa atgggagcag ttttcatgga 300  
 tgcccctggt tctggtggtg tagganctgc acgatctggg aacctcacgt ttatggtggg 360  
 aggagttaa gatnaatttg ctgctgncca aaaatttgct ggggtgcatg ggctccaacg 420  
 tgggtgttctg tngagctggt tggactgggc aagcggcaaa agatctgcaa caacatgctg 480  
 nntagctatt agtattgatt nggaactgct tgaactntga aatcttgga atcaggtaa 540  
 gggcttgacc caaaactact ggcttaaaat cctaaatatg anctcangac nggtgttngt 600  
 caaattgaca cttantaatc ctgtcctgga ntgatgggat tggccttccc ctcggtaat 660  
 aactatcagg gtggattttg gaaccacccc tcatgggtaa aggatctggg gattggcnca 720  
 aganttttgn taccagcaca aaagangccc cantccttnt tggcaatctt gggcccatna 780  
 gatcttncag gtngatntgt nccct 805

<210> 4618

<211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

```

<400> 4618
ccntttcnaa tncnagttat cgcntttttg caggatccca tcgattcgtg ttgctgcatt    60
ctaagcttaa cctcctggtc tcatggcagt gacttgagct tttgattcat agaagaaagc    120
cagaggttct gcttggttct gtctgccagc cctcgtcgtt ctttctcctc tgcctctcac    180
ctctacccca aatacctctg ttcttagtct caaggggaga ataacatcag ggagcccctc    240
atcttcccca gaaggacttc tcgttcctca tgtagttaac tccattgatt ttcctatctt    300
ggtgctgata gctctctaag ggtagggcac acctncccac agccaccctc ctcttcagag    360
agcccccagc cagcagcagg cccctctgcc tgcactcctc aggcttgccc ctcgctgcct    420
cagtgaggca ctagtgccac tgccgtggcc caccgggcca tagctcaagc tgcagcagaa    480
atgcctctca gtggccaaca tgatgaaacc cctgtctcta ctaaaaatac aaaaattagc    540
tgggcatggt ggcgggtgcc tgtaattnca gctactcang aggctgaagc aggagaacca    600
cttgaaccca ggangcggan gttgcantga gcccgagctt gtgctattgc acttgcaccg    660
gggtgacaag anggaaattt gtctcaaaaa aaaaaaaaaa aaaaactnga nncctntaga    720
actntagtga gtcggattta cgtanatcca gacttgatta gatncattgt ta          772
  
```

<210> 4619  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

```

<400> 4619
cnnagntcnn attngggttaa ngccctttct cgcagganga ncccatcgat tcgaattgan    60
ctctnggctc cngctgngna nagctanenn gntntttnan acagccnagc angcnnggtn    120
gnatcaccaa ncntgggncc ntacnanggc annatttnng gccngntgna tttggnnaaa    180
agattgngna anggcaangn ttctgnctgc ccaaggacaa ntgctgatga gcngaatan    240
ctgggnacna annngnttca cctgatnggt attnacctnt ganacacatn ngtngccaaa    300
aaatgggaat aagggnctga ggnactctca gaggcataat gnactatctg ttcgtctntg    360
atanaggngag gtgnatatgt gannagecca taannagca tatttcacca aaactntntc    420
cctgggtggt accaccttgg tcnaatgtng nagcaattng caaaatngac tangtncana    480
cgatcctacc gtgntctnna ccaactctga tnatgnnnng nnctngtctt cattgcnaaa    540
angaantca ttttgcnnta ntactacttg aacgacttag agtngacnna tctacccatg    600
nagtcttacn at          612
  
```

<210> 4620  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G



```

<400> 4620
annttacnaa ancnnngnga c      tcttt ctgcaggatc ccatcgattc ggcgcacag      60
gccgagctgg aaggagaatt tggcaaaaag gctnatggct tgctggggat gttcctgaaa      120
cgctcttgt ctcagcttat cctgctgcaa gcatggactt cccacctctg gaaaatgttt      180
tatgatgctc ggaagccccg gagttagatt aagaatgaga tcaacattga caccctggcc      240
agagatgaat tcaacctcca gaagatgatg gtgatggtaa cagcctcagg caagcttttt      300
ggcattgaga gcagctctgg caccatcctg tggaaacagt atctacccaa tgtcaagcca      360
gactcctcct ttaaactgat ggtccagaga actactgctc atttcccca tccccacag      420
tgctcagcta agaactgtag ggaagatgga tgaccttcac gcagaactcc ttttgggata      480
tacatgatgc agaaaggatc ctacatggag agagacagaa ctctctcagc tgacactctc      540
agagattcct gatgggcttt ctcttgaagt ccaaggcgtc tgcattgttt ccttttcttt      600
tgcccatnca tgaatggttc tggtttgnt ttggtttttt ttaataagga atttccgggc      660
tggttttttg tgaaggcctg ttttaaattg gactttactt tgcccttttt ggggtttctc      720
aanttttatc ctanaaacct ttctgacttt tttccatcnc      760

```

```

<210> 4621
<211> 612
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

```

```

<400> 4621
cnnagntcnn attnggttaa ngccctttct cgcagganga ncccatcgat tcgaattgan      60
ctctnggctc cngctgngna nagctancnn gntnttttnan acagccnagc angcnnggtn      120
gnatcaccaa ncntgggncc ntacnanggc annatttnng gccngntgna tttggnnaaa      180
agattgngna anggcaangn ttctgnctgc ccaaggacaa ntgctgatga gcngaatan      240
ctgggnacna annngnttca cctgatnggt attnacctnt ganacacatn ngtngccaaa      300
aaatgggaat aaggnnctga ggnactctca gaggcataat gnactatctg ttcgtctntg      360
atanaggtag gtgnatatgt gannagccca taannagca tatttcacca aaactntntc      420
cctgggtggt accaccttgg tcaaatgtng nagcaattng caaaatngac tangtncana      480
cgatcctacc gtgntctnna ccaactctga tnatgnnnng nnctngtctt cattgcnaaa      540
angaantca ttttgcnnta ntactacttg aacgacttag agtngacnna tctacccatg      600
nagtcttacn at      612

```

```

<210> 4622
<211> 1526
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1526)
<223> n = A,T,C or G

```

```

<400> 4622
aggntcttgc ttgncccatn gcgaacgctg gaaaccctcg nncaanagcg cgngaaaccn      60
cnggntaaa tgcccacggn nannncacgc nannncccn ttttcncacg cnaccacna      120
ggngcngan naggncntn anangnacac nnatcngaac cantctntna aaggngcngc      180
naaantnnnc tanngtncgg cntnacagn gggaactgna acccccngn nngctacnag      240
nnacacnaga aaacancnt ngggtnaata caacagccaa cngncanncg nntaannaat      300
tcnncancan aggagagaga cnnagnancg cncacacant nngncccaa cantggnaaa      360
ccacnagcnc ntaanananc gaccangnc anntnctac aaganagngg cctcacngcn      420
nanncnnac ntcgtncgca cccnatngga accgcaantn ncaatcann ncnnaggggg      480

```

ccgccannnc	nnacactcgt	ntgngag	cncgctcana	nacntacta	na	ngggc	540
gcctngngaa	caaaacaaca	ng	canac	cgccntntag	nnccntnna	an	600
gacggganac	tctannacgc	ganangnacn	gtccaaccac	tctagaggga	aantgntngt		660
mntananaan	cnacaanggg	tnttcctnnc	gcancacaan	gccaaaatcn	atntatgnac		720
ccatntncnc	tcacngggga	ncancangga	aagaccgagn	agcccaanga	cnananacng		780
nngtancnt	naaacaacc	anannagaca	nnanggnagn	canaancccc	ccaggcaaan		840
cacntantn	ngcanaaaaac	ccccctaaa	tnancgcgaa	ccctttgncg	ncnangnat		900
eggntngaca	gnnncanann	nnnnnnctn	nanactcaaa	aggnanacan	gntnganacn		960
ngcaanaaaa	ccagcaccgn	ggtgncnnaa	cactcnggcg	taccennagc	gcanntatat		1020
caccaccccg	ggacangaag	gtcncgngng	natatannaa	tcnctnnncg	gcgacacgca		1080
nctctaaagc	nncnagntn	taanangncn	natnntaana	nnangetctc	aaaccntcc		1140
gcgnnannng	ncnctannac	tacgcaacca	catcaagnnc	cggnatgcgn	atccanncgt		1200
tcacataaac	ggggngacca	cnnngngncn	cnancganct	ntgtnnacgn	gnngcgagnn		1260
ntnnnccgan	nngacangac	nannngnaaa	nacgtaccc	tnggcnaang	cacacatgng		1320
tgnaccgana	antctganta	tntncnctn	tacacncant	aacnacncan	nagnntanng		1380
aggnaaacca	antgaatnga	tannncnncn	cgnaacgngg	anncccnncn	ganantnaan		1440
ntaagnacan	nnaagnntn	nangcgcgca	nnacntntac	naacnncaca	nnctngcnnt		1500
cnaaaaganc	nacgccnctn	tcnccg					1526

<210> 4623  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(797)  
 <223> n = A,T,C or G

<400> 4623							60
ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctcn	tttgctngat	cccatcgatt		120
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan		180
tgatntctan	tcccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana		240
caacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn		300
nncattttacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt		360
gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg		420
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc		480
tgggcttcaa	gcatncttat	tttnnaactcc	ctgagtgatg	ggtggataaa	tcnaacattg		540
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatgggttn		600
gccagataaa	tattttgata	ttagntttcn	tttttnatat	anngcggtag	gtttgaattg		660
nacnttnaaa	tgnntngggg	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat		720
tggngnctcc	cctttggnga	aaccttaaag	aantnttgna	tacttcttca	taaaagggtg		780
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt		797
acttggnnta	ccaagcc						

<210> 4624  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(797)  
 <223> n = A,T,C or G

<400> 4624							60
ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctcn	tttgctngat	cccatcgatt		

cgaattcggc	acgagnnngg	ac	cttnc	aaaaccnggt	ngggaagcnt	gt	agaan	120
tgatntctan	tcccctgnat	tc	atgct	gcagaccaac	acctgccnac	aa	ncana	180
cacacacann	caancantat	cat	gtaagac	agnnecgntna	ntnnnnnatt	ntnatncttn		240
nncattttacn	cantnttgta	nant	ggntca	tgngtctata	natnttgta	antattntnt		300
gananangac	ganantctga	atct	taagca	tatgctccat	cnttnnatat	gctntgggtg		360
agaggctngc	cntnattcat	nttn	ncatgg	agncaagttt	aatgcctcta	gantacattc		420
tgggcttcaa	gcatncttat	tttn	naactcc	ctgagtgatg	gggtggataaa	tcnaacattg		480
nctnagtgg	ntcaagacaa	cttt	gntgg	ggttttgntc	acaatcatga	aaatggttnn		540
gccagataaa	tattttgata	ttag	ntttcn	tttttnatat	anngcggtag	gtttgaattg		600
nacnttnaaa	tgntntgggt	tgtn	aaagaca	ntggnttnca	atnnaattta	tnacatgaat		660
tgngnctcc	cctttggnga	aacct	taaag	aantntntgna	tacttcttca	taaaaggggtg		720
tgngatttng	naantttcgg	gggt	ttttnaa	ttttntntga	agcttatttc	ntganaatnt		780
acttggnnta	ccaagcc							797

<210> 4625  
 <211> 1133  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1133)  
 <223> n = A,T,C or G

<400> 4625								
gctacnagcg	gngngaaaaan	ntccnncct	ttnaaagntc	cctggttaaa	aaaaaccccc		60	
ctttttcccc	ttttttgggg	naaaaccncc	cgggtttttc	gcnaaaaaan	nggncccngg		120	
ggggaaacnc	ccccaaanttc	ggganangcg	caaaaaaata	ncntggnggn	accggnnngg		180	
ggaagcncnc	cncacanncg	gagggcacca	nttttaccgn	gaatantggn	nnaggaanca		240	
ngncncnntg	nttaccgggc	gaagcccggga	caangcnntn	tgggtanana	nttgggggng		300	
gaaancgnga	tccangggnc	cncnncgcg	cnaanggtag	ggannctnaa	acaannnaaa		360	
ngtgngtcc	gntcnaanag	ngtnganccc	anaaaaaann	ncnnggtaag	nttgcgnncn		420	
atacanaaca	naacnnggaa	gcngatgaaa	taaannnctg	tcatnanana	ngnncancnc		480	
acctggnnna	cngggccggg	aacnncnana	gggnacanac	tcgnagaaaa	aanaanntgn		540	
ntngggncgg	ggccgtgcna	gccacnccaa	aacaananga	annggatntn	gatnnggnaa		600	
agaanaaana	ttncnaaaan	caaannnana	atgngnaata	tggggggggg	aaggganann		660	
cgggganngg	ggggggatcc	nnatcctctg	ttaaaaangg	agngngggna	nggggggancg		720	
aaaaccnggn	naagganccc	annatgtgga	anncaggttn	tagnaaccaa	aaaaancggg		780	
nnatctgnag	gngncaanan	nancnttant	cancnccnga	nngccntatn	ggngcaaggt		840	
ggagaaatcn	cnggntaaan	agggnncccn	ggtgggnagt	ggtgaaaaaa	ancccgangn		900	
aaangacnnc	aantngggcc	ccnnaggggn	angaanangg	gggaangnta	aaaagtggaa		960	
accccaaaaan	nngngaaaag	aaggtaat	tttgnnnaga	accntttaan	cngagggccc		1020	
tccaaaaaaa	aaatactccg	caaatanancn	gaanacntna	ctaggggccc	annnaganan		1080	
aactnntcgn	gctananana	gtgacatccn	ataaaaaacg	tntgaacncc	ncg		1133	

<210> 4626  
 <211> 1195  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1195)  
 <223> n = A,T,C or G

<400> 4626								
agggnnnnnn	nnnnnnaggg	tnnnnnnnnn	nttttttttg	gaaaaagncc	ccccnttttt		60	

ttggggaaaa	acccccctt	ttgggaa	aatttgggcn	cccncccn	ttgtttt	120
taaggggnc	ccaaaaann	nnccctt	nnggggggn	nnaaanann	nnancng	180
ggnnnnncnn	nnnnnnnn	naaaagngn	nnnnnnnanc	nnnttggnn	nnnnngnnnn	240
nnntttttt	ttgnnnnnn	ccccnanna	nnnnnnngn	nnngnncnn	ngggngngg	300
gggncnnnn	nnnnngggg	ggggggnaan	nnngggngn	anacnnnnng	gggggggaan	360
nnngnnnnn	nnnnnnngg	ncnccnann	aancgnnnn	anancnnnn	nganggnnc	420
ncnnannang	nnngnaacnn	naccnnnnna	cnnngngng	aannngnnn	gnnancnnnn	480
nnnnnnncng	acgccccgc	gccgcnanga	ananaggcg	ccaacgnaca	ccaggaacgn	540
nggcgnnaaa	gcagancagn	cgaccnnacg	nagngcngag	agcncnagna	angaacngag	600
naggganngn	nacgnaccan	nnngnaggcc	cncgcnnnag	aggngcaagn	naaacgnncg	660
ggagancaaa	angacacnaa	acngncannc	gaancaaccg	aannangggg	nccagccnag	720
acacgangca	cacngnaann	gagnangnnn	acagacgaan	nggganacgn	nannancaca	780
gnaannngcn	naaggccncc	gganacaang	ggacgnnacn	gccngnggcc	ncaaaggccn	840
gaagaaannn	nngcgagaca	nnccngcngn	gncnnngnan	aagaggnaga	cangggncga	900
nnnnangggg	aaggacaanc	aancnaagga	gcgcnnngnan	cacnnnccan	ngganagca	960
ncngacaana	annnanaacc	gnaaacgncc	ngaaaagagn	annnnagaaa	aanngaangc	1020
aaacngaacc	ggcacncncc	nnnnnncgac	ngcagacaga	nnagggnnccg	gnccnaacnn	1080
ngagggnnnn	ncgaganaca	ncggngaang	cngnagnaac	cgagnaaang	ncnannngac	1140
nannnggnca	ncacncncgn	gannggcgcn	nanaacgcn	gncncaaaan	ncgcc	1195

<210> 4627

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4627

cttttcta	gcttgggntn	gctctttttg	caggatccct	cgattcgaat	acagccctnn	60
cgntgncgct	ggntctgatg	gctgggntnt	tganncgagn	ctctngtgna	ngtncacacn	120
cnetcaacng	acatatggga	cattacacac	acactcctgc	tcaaagtctg	tacccatnat	180
gngtggaant	tctgnaggcc	tnagctctgg	cccntanggc	ggannnnngcn	actacittnc	240
atnaccncga	caccaagggtg	gctatggcct	ttccnacttn	aactacaacg	ttggnnngng	300
canannatcn	tnattnanna	ncaaagctta	ncangatagg	agagccnnat	aanngactgg	360
gaacntactg	nnnacancnn	atctgagaac	tcatgcgcca	catggtggag	ncctatntgc	420
tcgaagaaac	tgtgttaaca	tgnaactcatg	tgcnnggctn	acactcntng	ctgttncntg	480
cnnatngtat	acatgtatga	cacttctgtc	tgtgnaaagt	ggaagcattt	ctcatacngg	540
ncctatgtct	aatnagtnt	gaccccnngc	tgtagtngct	aantgnaaca	ggnttgatcc	600
ttacnntgaa	taactgtcac	atnnttaatg	agctggagaa	aagtagtcca	anccttagcc	660
cttctnggga	aagtttgccc	aacngtntgg	gagtncaaaa	ttnccttttna	ggtnaaggcc	720
cctttntnn						729

<210> 4628

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(911)

<223> n = A,T,C or G

<400> 4628

tantangann	nntnnnnnnn	nnngtnnnnn	atcanatnnn	nnntnntnna	nnngtcnttn	60
------------	------------	------------	------------	------------	------------	----

tntnggggnt naananangc gnnnnnnn gattttgaaa acnttataa	120
natcgngttt ntncagggnc cgggntn gnnatcgga cgagccggan	180
ttgggggttat gtgggtcggg gtggccggtg nttcngcctt cnggggcctt	240
accctanan cgtcgtgcc cccagctcan ctcttactgc gggcccgntc	300
ccatnctgtc agggactatg cggcccaaac atctccttcg ccaaaagcan	360
cgggcgcacg gnggcggncg ttggcgcant ggtggacgtn cannttgatg	420
accaattcta aatgccctgg aagtgcagg cagggagacc agactgnttt	480
ccancattnt ggggtgnang gaaannccna cccaaaatgn ntncgaggac	540
gatggnacan aaggcttggg taagaagccc aaaaaagta ctgggatnct	600
aatcaaaaat ttccttgtnn ggtcncctga gaactttngg gcanaaaatc	660
caatttgggn gaaaccctan ttggattgaa angaagggtcc cnatcnaaaa	720
aaattttgcc tccccnttc attgctggng gggccttccc aagnaatttt	780
aaaaattgga agngggtttg gaanccnaag ggaaaaattt ttttgggtg	840
tannttcnaa aggggttttg gtccgaaatc cttggcntta ncctttccn	900
aaangggggn g	911

<210> 4629  
 <211> 944  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(944)  
 <223> n = A,T,C or G

<400> 4629	60
aaaanncann tacnnnnnna annnatnn tancnaaaan ntnattaann	120
nencnnncnn cngttgattc caacttaat cacntngan tcngatatcc	180
atgcnnncnt naaacnatnc gnannggnga nnccaaccnn ggtctccna	240
cncnggantg accntgnacc ctancaaagc aacnngnccc anctnttga	300
gggcangcga aaaccnaata agnccccctn aaaaccnaca ngaaactngg	360
naannncccc caagnntgct nnccaccntn ggnntntttg cctngnangc	420
ccctgnaaca tnaaggangc naccaggnaa aacacaanga cattccnccn	480
aagnaaaagc cnnanntcta aatacanncc caaccagacc cannttggn	540
gaaanacctn ngnggggggg gngnaggngg gnntaattaa ngntaanatt	600
ggntcccaa aggccttgnt ttnnncccc tttnnncaaa aacaaangaa	660
nanggnctgn nntannnaaa aatnggggnc ccccaaaaaa aaattncnn	720
ncaacntag gctggncat nncccnttaa tcgggggccc tggaaaaaaa	780
taaaaaattn cccgggggna ttngnaaacn cnntgccngg nnaatttggg	840
gtttctngtt naaaantngg tngnattnga cccanaaaat ntttttttna	900
nnngtttaa tccccncna ttcttaaaaa nttatcgggg aancaaaaaa	944
aaaaacccca nacaanattn ggggaaaacc ccnnttanaa aant	

<210> 4630  
 <211> 937  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(937)  
 <223> n = A,T,C or G

<400> 4630	60
gttctaatagc ttggaattna atcgttggaa agagctagng attttngaaa	120
gtagatgttg tggannggaa nnaannttng gatactgatt ttntaagngt	
ngttgtgnat	

tggtcaggaa	ttgttnanna	nnataaan	anttaantna	agatancatg	cnataacnn	180
agatagaaan	aannatgggg	gagntntga	tnnnnagnaa	ntataacntn	atgntnttt	240
attnncttac	nanggtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnatnttaa	300
tatggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatat	360
tntaannnag	ancttanngc	atntatggcn	atttnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggatanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttntntaa	nannnttant	tnggntnatt	540
natntgnaan	ttntnngng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntntttatt	naatattnta	660
naatantnt	gaatanngt	anatngggan	ataattattg	gggttnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgnntgt	aantnattaa	780
ngaccgccta	natttaaagt	tnnttagtna	ataaatngg	ntttgggnaa	naaaatattn	840
tatatattata	ananatnnna	nnaattnann	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgtata	nnagnaa			937

<210> 4631

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(937)

<223> n = A,T,C or G

<400> 4631

gttctaagtc	ttggaattna	atcggtggaa	agagctagng	attttngaaa	tcggtcataa	60
gtagatgttg	tggannggaa	nnaannttng	gatactgatt	ttntaagngt	ngttgtgnat	120
tggtcaggaa	ttgttnanna	ngnanataaan	anttaantna	agatancatg	cnantaacnn	180
agatagaaan	aannatgggg	gagtntntga	tnnnnagnaa	ntataacntn	ataagntntt	240
attnncttac	nanggtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnatnttaa	300
tatggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatat	360
tntaannnag	ancttanngc	atntatggcn	atttnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggatanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttntntaa	nannnttant	tnggntnatt	540
natntgnaan	ttntnngng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntntttatt	naatattnta	660
naatantnt	gaatanngt	anatngggan	ataattattg	gggttnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgnntgt	aantnattaa	780
ngaccgccta	natttaaagt	tnnttagtna	ataaatngg	ntttgggnaa	naaaatattn	840
tatatattata	ananatnnna	nnaattnann	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgtata	nnagnaa			937

<210> 4632

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4632

tttngnaaaa	annnnncnag	aggggtttttg	ccnaaaaaat	nggcccnttt	gggggaaaaan	60
tttgcaaaaa	atcccntttt	ttgggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	mnaaatnnnn	nnnnnnngggg	ngggngnnan	nannntnang	ngngaangag	180

ggggnaaaant	tanannanna	ggnnnnnn	tntanannng	nnnnnnngna	nnnnnggn	240
gtttanannn	nnnnnngngn	naannnnn	gnaangggag	gggnnaanan	nnnnanana	300
nagggggggg	ggngnanacn	nnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cggnaggngg	gggnntgnta	nacanntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnnnnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanacntat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnngtgg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4633

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4633

tttngnaaaaa	annnnncnag	agggtttttg	ccnaaaaaat	nggcccnttt	gggggaaaaa	60
tttgcaaaaa	atccccnttt	ttggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	nnaaatnnnn	nnnnnngggg	ngggngnnan	nanntnang	ngngaangag	180
ggggnaaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannn	nnnnnngngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cggnaggngg	gggnntgnta	nacanntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnnnnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanacntat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnngtgg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4634

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)  
<223> n = A,T,C or G

```
<400> 4634
acttagangg ntgaagtga anncccttct gcaggaagcc catcgattcg aattcggcac      60
gagagcagac gttgaaggca ttcagtataa antttttcga acatttcacc atggagtcag      120
ggttgatggc atagcttgga gccagagac tagacttgat tcattgcctc cagtaatcaa      180
attttgact tcagctgctg atatgaaaat tagattattt acttcagatc ttcaggataa      240
aaatgaatat aagggttttag agggccatac cgatttcatt aatgggttgg tgtttgatcc      300
caaagaaggc caagaaattg caagtgtgag tgacgatcac acctgcagga tttggaactt      360
ggaaggagtg caaacagctc attttgttct tcattctcct ggcattgagt tgtgctggca      420
tcctgaggag acttttaagc taatgggtgc agagaagaat ggaacaatcc ggttttatga      480
tcttttggcc caacangcta ttttatctct tgaatcagaa caagtgccat taatgtcagc      540
aactgggtgc ttaaaaaaca ctttcaaagt tggacccgtg ccggaatga ttgggtaatt      600
tggggatatt actcnggcca agttattcct caaataaga gacccgttca catggatccg      660
agcctgctta attcangggg gnccacaatt taggggaaaa tctggttnca acccactggg      720
ttatncctgg ccaaatggg ccaagnccag ttnnat      756
```

<210> 4635  
<211> 820  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(820)  
<223> n = A,T,C or G

```
<400> 4635
gnnnannnnn cnngnnnttt naannccctn tttcaaagtc ttggctactc gttctttttg      60
caggatccca tcgattcgcc aatggatgca gganaactga gatgggattn ccncacgttg      120
cccaggctgg tctcctgagc tcaaagcaat ccanattgct gggattacag ctgngagcca      180
ccgtgcctgg ctgagatgac ttttaaaaaa ggactnctct aaagtagaag gaagggtgga      240
attgtatgca caagaagaaa aaaacctgna agaaaaacat actaaagagg ctggagtgca      300
atggngcgat cttggctcac cgnaacctnc gcctnccggg ntcaagtgat tctnctgcct      360
nancctccca ggtagctggg attacaagca tgggccacca cgcctggcta attatgtatt      420
tttagtanag acggagtttc tccatgttgg tnaggctggg ctogaactac ccgacctcag      480
gtgatccacc cacctnggnc tcccacagtg ctgggattac aagcatgagc caccgtcccg      540
gnctccctgt nncagnntct ataanttgtt cntattatat tctgggtata tgtnggnngt      600
gtgattattc atgtgganct attntcacat tctttgnatt aactatnatn gtccttnaat      660
ggtntaaana naaagtttca ttcctacaaa agnnggtttt ggtccaaata accncgggtt      720
ttcaagggtta accaatcntt gaaaaaaaaa accttnantt cnattntaaa aatnaacca      780
ttttaaant tngccnantn ccantttaaa acattaaaaan      820
```

<210> 4636  
<211> 778  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(778)  
<223> n = A,T,C or G

```
<400> 4636
ttctaagtct tggnttnaaa cccttttaaa nccttgcac ttgctctttn tgcaggatcc      60
catcgattcg gagaggagca ggtgcagtga ttcataccca ctctaaagct gctgtgatgg      120
```



ccacccttct	ctttccagga	ccgtttta	aaattacaca	tcaagagatg	ataggaa	180
taaagaaatg	tacttccgga	ggattata	gatatgatga	tatgttagtg	gtccatta	240
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	300
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	360
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactattt	atttgatatt	gccgtatcaa	420
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	480
ccaaaagaaa	gtctaattat	atacagaaga	taaagctaaa	cgtaattatt	atttaaataa	540
aagctatttt	tttaaataa	ttgaaatttt	tcatgatgct	actaatttgc	cactaaatac	600
tgcaaattgg	caccctgnat	ctcttctgac	attgggatgt	tatttgctta	tattcttata	660
atttttnaat	gaaggcacag	tngaaatgga	aaattttatn	ctcnatgggt	cctgggttatt	720
tttaaatacct	taaccancaa	aattttggcc	ttaantttct	ttttatatat	accncnn	778

<210> 4637

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4637

ttnaaaatcg	cttggcnact	cgctctttct	gtnggatccc	atcgattcga	attcggcacg	60
agccaaaatg	gggtggggcg	cagtgggtca	cgcctgtaat	cccagcactt	tgggaggccg	120
aggtggggcg	atcacgaggt	agggagatca	agaccatcct	ggctaacacg	gtgaaaccnn	180
gggtcttact	aaaaatacaa	aaaaaaaaa	aaaaaaacta	gccaggcatg	gtggcaggca	240
cctgtagtcc	cagctactcg	ggaggcagag	gcaggagaat	ggcgtgaacc	tgggaggtgg	300
agcttgcagt	gagccaagat	cgtgccactg	cactccagcc	tgggtgacag	agtgaactc	360
cgtctcaaaa	aaaaaaagaa	aataggcaca	ataagtaata	catttctgcc	caagtaagag	420
ccttcccttt	tgtggatgta	atgaaaatat	cttcaagcac	tttataaata	aattatatgt	480
ctgatactag	ccttccattg	cctggatcac	atctgattgt	cctggtaatt	tgagaaaagg	540
gtagccctt	ggtatggata	gtagcttgat	gacatggaat	tcanggaaaa	gactatgatg	600
gtgtcacttg	taactgcttt	tgggtgctga	aaatggcatg	gatttaagaa	gagaattggc	660
tgggtgccgt	ggcttacacc	tgtaatccta	cacnttgggg	ggccaaagtn	aggctgcttt	720
gaccagaat	ttcagaccaa	cctggccaan				750

<210> 4638

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4638

ttnnnnnnnn	tnttcaaata	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcgaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	120
attccagaga	aaatgagtga	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcāa	ntgctggggc	cggcagtggg	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgaaaagcgc	360
cggagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcacttgga	cagaggagga	ngaggaagtg	cccagtttca	ccatggggcg	atgacaatgt	540

ttgccacagc	cttntgcctg	ga	ttggct	cgtgcttg	accagaaggg	aa	gcngc	600
tgttttggct	ctttcttccc	cg	nggac	cccgnntgac	cccgccttgg	at	gaagaa	660
gccaaaaggg	agaacccct	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg			720
ggcanngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa			780
angncacctt	gncnttggg	annaacancc	attccggngc	ttcntcc				827

<210> 4639  
 <211> 827  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(827)  
 <223> n = A,T,C or G

<400> 4639								60	
ttnnnnnnnn	tnttcaa	atc	ctttgctact	tg	ttcttttt	gcag	gatccc	atcgattcgg	120
g	cg	gagagc	agaagctcaa	gctggagcgg	ctcatgaaga	acccgg	acaa	agcagttcca	180
attccagaga	aatgagtga	atgggacac	ct	gac	ctcccc	caga	atttgt	ccgagatgtc	240
atgggttcaa	ntgctggggc	cg	gcagtgga	gag	ttccacg	tgtacagaca	tctgcg	ccgg	300
agagaat	atc	agc	acagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca		360
gagtttcaga	aa	gactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc			420
cggaagaagc	gccagaagt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa				480
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	gtccagcag	ctctgcggag				540
gc	atctggaa	cagaggagga	ngaggaagt	cccagtttca	ccatggggcg	atgacaatgt			600
ttgccacagc	cttntgcctg	gaac	ctggct	cgtgcttg	accagaaggg	aaaaggcngc			660
tg	ttttggct	ctttcttccc	cgcaanggac	cccgnntgac	cccgccttgg	attggaagaa			720
gccaaaaggg	agaacccct	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg				780
ggcanngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa				827
angncacctt	gncnttggg	annaacancc	attccggngc	ttcntcc					

<210> 4640  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 4640								60	
tn	ttttcaaa	tngattggct	acttgttctt	tttgcaggat	cccatcgatt	cggaactcag		120	
a	a	acttgagt	ccctatttga	tg	ttaaaata	tgaccgttaa	acttctgggt	aagataatga	180
at	ggcactat	ggtttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa		240	
a	acnctctgc	agtgtctggg	at	tcgctcag	tgctgcaggg	gagggcagg	gtgaggggaa		300
t	ggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc		360	
a	cttttaaac	tttttattac	gaaaaatgtc	aggaccctg	gaattacggt	gaggtaggca		420	
g	gataatggc	ccccaagatg	cccgtgttgt	ga	ccccaga	ccttgtgagt	gcctcacatg	480	
g	ggagattgt	cctaggtcat	cttgcangcc	cagggcagcc	ccatggggccc	ttaaagcttg		540	
a	gagcctttc	ctgctgagtc	tgagagatgc	canaagcagg	agaggttaga	acccgangag		600	
g	gcccgcacc	tg	cgctgctg	gccttagagg	aaggcccgan	gantgtggtg	gcccctaagc	660	
a	gcttnggac	tggggacctt	cgtcccaccc	tgcaaagaaa	ctggaattct	ggcanaagcc		720	
c	ccattatgg	aggaaaaggg	aaggatcctg	cccttggcag	nacctttgac	cctntggacc		769	
t	tcacaaatt	gtnaagcctg	agggttttgn	gtangnacc	atnaaaan				

<210> 4641  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

```

<400> 4641
tnttttcaaa tngattggct acttgttctt tttgcaggat cccatcgatt cggaactcag      60
aacactgagt ccctatttga tgttaaaata tgaccgttaa acttctgggt aagataatga      120
atggcactat ggtttatact gtttctgttt tatgggctct tccagagacg tgaactggaa      180
aacnctctgc agtgtctggg attcgctcag tgctgcaggg gagggcagggt gtgaggggaa      240
tggccctgga ggggtgatggg gctggggcat ccgatgcagc tttatagttc tgtaattacc      300
actttttaaac tttttattac gaaaaatgtc aaggaccctg gaattacggg gaggtaggca      360
ggataatggc ccccaagatg cccgtgttgt gacccccaga ccttgtgagt gcctcacatg      420
gggagattgt cctaggtcat cttgcangcc cagggcagcc ccatgggccc ttaaagcttg      480
agagcctttc ctgctgagtc tgagagatgc canaagcagg agaggttaga acccgangag      540
ggcccgacc tgcgctgctg gccttagagg aaggcccgan gantgtggtg gcccctaagc      600
agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanaagcc      660
cccattatgg aggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc      720
ttcacaaatt gtnaagcctg agggttttgn gtangnacc atnaaaaaan      769

```

<210> 4642  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(772)  
 <223> n = A,T,C or G

```

<400> 4642
ttatttgaac cctnncccnt tcaaaactcct tgttcttttt gcaggatccc atcgattcnc      60
ttttccatga ctccaggctg tgccctctct catgtttggg cccttctgtg cccatgggtca      120
ggagctattc ggggtggcacc tngctggcca ggcctctccc agtcgtggca cctccacaat      180
gtgaattttc tgaatcccta ttccaggatt nctgggaata atgtttactt ctanaatggn      240
cctgntgtaa accatctcat cnaggtgtgg taaagccatt gnatgatgag gggactgcca      300
tggaaggag agtttgttac ttacggttct gagaggaggg gccacatagg aaagcccccac      360
ggtgggtcac aaagcggaag gagggagggg aacgtgtggg cttgnttttt ctngcacatc      420
tctgaagagt tnttaatctt cactcatcat gtgccaagaa gtgncatcat aaaangaaat      480
atnttttttt cctaggagca gngttaaaat ctgggtcaca ttcttgacca aggacagcat      540
cctgccttnt gcccatncnc ttcagttcac aaaagctgac attttaaaca aatcatgact      600
cacacgtntt aattgggtat aaaaaatgtt gnggtacacc tggttagata aaaacttaan      660
ggccacaang gangggcccc aaggtanncg atgtcaagtg tgtnaaaggg gcctggattg      720
ggccttggnn aanggatttt tgggcaaaac ccaaaanttt ttgngccccc nn      772

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<210> 4643  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(710)  
 <223> n = A,T,C or G

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<400> 4643
nnaacngaac cttgcanttt gacttccttt acgcatnccg angatcccat cgattcccag      60
anatgcncac cagccctgca cggaggttt ttctgaacc tgggtcatgg atanagaanc      120
ncacgagggc ataactgcct gtccgngaaa anccaagcta nccnaccttg gtcnnctttg      180
ntgtgnnncn nntntgcna agntggtgaa aaagaaagag atccngacca nagaacttct      240
nnanggatgg acntgctnac tggggaatgn gncgcccncn ntacttgac antanattcg      300
aaanngtgna ggntacacga cattntgacc cgctcaaatt gcagggctcc tnacgcnacg      360
cttctntagc tttctacgtt tcntntcnc cacngtgac gcntttcccc gggaagntct      420
aaataaatgn gctccntnta nnnntnccg tcnatcgcta tacagnccc tgaanaccng      480
aaaaaatttg cnggnntgtg gtgcacgtaa anggccnctn ncngggaaca gttattgacc      540
tntnccgatg aaancanggn tttaaactgg ntcnnngngg aacntgaaca nactaacctt      600
cnagtcnatn ttttttggtt acggaanntn taantgggct ncttnanaa tctctgatan      660
natggtagnn gactncacga ttaantaca atcnttcttt tngggggaat      710

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<210> 4644  
 <211> 1315  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1315)  
 <223> n = A,T,C or G

```

<400> 4644
angngnnnt tttttnnnn ttttttnnn ccccnttnn tctacnnnc gtgggaaaaa      60
aaaatcccn cnttttttg ggggaaaaaa aaantcccc ccccnnt nccggnncnn      120
nnttttttt tggggggnn ngtnaaaaa nngnnnnnn ncccnnnnn nnnnnnnnn      180
nnnnnttgn nnnnancgn nnagnnnnn nntnttnnn nnnnnnnnn tnnnncnnnn      240
nnnannntt ttgnngnngn nnnnnnnngg ggggnnttt ttttttttg ggnnanggn      300
nnnnnnnnn annnnnnnn nnnnnnnngg nnnnnnnnn nnnngnnnn nnggggggg      360
gnnnnnnng ttttttnnn nnnaanngn nngnnnnnn ngngggggn nngnnnnnn      420
nannnnanc nnnnnnnnn nnnnnnnngn nnnnnnnnn nnanannnn nnnnnnnnn      480
nngcngggg ggggggggg ncnangcngt naggggahcc acgagnngga ggngtgggc      540
cannatgtc ttngancgc tctgcnagna acnctncgag gatgancnan agnnccann      600
anggnncng ccagnntagc ncagnnttct nannnctaan tgngcggatc anggggnntn      660
tncctaata ngtgngggc aanannatg atggngnnac tgatggngaa acanntctna      720
ncgtantcc angtagtgaa tgctggntta ntnttttag nggntnanta gcanngcgg      780
nnaacnnann gtgntcntn nannnnant gnnannngnn gggnttcnc ntngnagan      840
ngntntnagg ngncnnnncg ntaaagtcn nnannangt tntaanctn ctnaancgg      900
tatannnnn nttnnnnggg tnnngnnnt cnnannngn nngnnannnt gnnnnnagtn      960
tgngnttac annangtna nnancangnn annnattgt nntnngnnnn annnnntn      1020
tctgaactc tacnnngana ncnnggtn nngcctcaca ngtatngta ngctgnnagn      1080
gnantatann ntaagnantn ttctnnncc antntntnc gtnaacgacg atntnngtan      1140
ncncgnntaa nngcntaann gcanatangt natagngaga ttcctnagtn gaccnaggnn      1200
atgatatna ngntcangna nnnannntn nctntngact anangagann atgananatg      1260
gntnctngt gnnnagnatn tgatntctc ngctcncna gnaggntaac acacc      1315

```

<210> 4645  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(791)  
 <223> n = A,T,C or G

```

<400> 4645
ttgaaanncc cnttagnnnt tnnttnncnn nctctcaaaa ccctttggca actngctctn      60
tntgcaggga tcccatcgat tcgaattcgg cacgaggctg ccacaggggg gcaatcttta      120
tttgtcttac ttcctacccc ttccctgttc tgccctctta actcagttaa gttgttctgt      180
ttgggacctg gaaaagaacc caaagaaaac ctgaccggac aggttcattt ctggaatgca      240
gaaaacattt taaaggctag attttttagaa tattctcaac tagcattctt tccattgatt      300
tgaaggggaa attaactatt ataatctctt gaatccaaaa ctggatatta agaactttcc      360
cccttactaa gtttaagact tttgtcatgt ggtgagtcaa ataagaccat tttgattgta      420
aaccataaaa tagttcagca agtagccac agttctggcc taacagcaga cttgctgntt      480
tcacttggtg tcctggagtt gggttgctaa ccttaatttc tatgatgttt tctaaaatga      540
aacttgataa agtagaccac cagctgcacc cgtgttttct gnaaaagtat tggtagtaag      600
tggccaagag acttgaggaa aataccagat tttttggnta ccttggncct ggtttaagtc      660
ttaaaaaatt aaagataaca ttataatgna gaatcanatg gggcatannc cttggaaagc      720
ctnccttgaa aaaggnntta aatatttang aagcctttaa aagacactta aatggaccct      780
naaagacanc n                                                                791

```

<210> 4646  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(791)  
 <223> n = A,T,C or G

```

<400> 4646
ttgaaanncc cnttagnnnt tnnttnncnn nctctcaaaa ccctttggca actngctctn      60
tntgcaggga tcccatcgat tcgaattcgg cacgaggctg ccacaggggg gcaatcttta      120
tttgtcttac ttcctacccc ttccctgttc tgccctctta actcagttaa gttgttctgt      180
ttgggacctg gaaaagaacc caaagaaaac ctgaccggac aggttcattt ctggaatgca      240
gaaaacattt taaaggctag attttttagaa tattctcaac tagcattctt tccattgatt      300
tgaaggggaa attaactatt ataatctctt gaatccaaaa ctggatatta agaactttcc      360
cccttactaa gtttaagact tttgtcatgt ggtgagtcaa ataagaccat tttgattgta      420
aaccataaaa tagttcagca agtagccac agttctggcc taacagcaga cttgctgntt      480
tcacttggtg tcctggagtt gggttgctaa ccttaatttc tatgatgttt tctaaaatga      540
aacttgataa agtagaccac cagctgcacc cgtgttttct gnaaaagtat tggtagtaag      600
tggccaagag acttgaggaa aataccagat tttttggnta ccttggncct ggtttaagtc      660
ttaaaaaatt aaagataaca ttataatgna gaatcanatg gggcatannc cttggaaagc      720
ctnccttgaa aaaggnntta aatatttang aagcctttaa aagacactta aatggaccct      780
naaagacanc n                                                                791

```

<210> 4647  
 <211> 1427  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1427)  
 <223> n = A,T,C or G

<400> 4647

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nnttttttng gaaaaanttt t      ctttt ttactnntaa nacctccggc c      gccct      60
gggccagggg gttccgggga a      cttta aggnangggg naatncccc c      gggttt      120
aaccgggaa ggccttccg gaaaatttnc cggccccctt taattaaggt gggaagnttn      180
tntttatttt aacaaaattt ncaacttggg gcccggtccg gtttttttaa caaaacggtt      240
ccggttgga cttgggggga aaaaaaac cccttgggcc ggtttacccc caaaaacttt      300
aaatcgggcc tttggcaagc caacaatccc ccctttttcg gcccaagcnt tgggcggtaa      360
ataagccgaa aagaangnc ccggcaaccg gaatccggcc ctttcccaa caagtgtggc      420
gccaaccctt gaaatnggcg gaaatnggaa cgccgcccc ttgtaagccg ggcgccaatt      480
naanccggcc gccgggggtg gttgggtngg gttaacgccg ccaagccggt nggaanccgg      540
ctttacaact ttggnccaag ccggccccct taaaccggnc ccggctttcc ttttttcggc      600
ntttttcttt tccccctttt cccttttttc tttcggnccc caacggnntt tcgggccccn      660
gggcnttttt tttccccccc gggttccaaa' aaaangggnc ccnttttttn ntttttttna      720
aaaaaaaaaa aaaaaaaaaa aanatcnggg ggggggcctt tncccccttt ttttaagggg      780
gggttttccc ccgnaaattt tnaaaatngg gccntttttt taaaccgggg ggaaaacccc      840
nttttnggga aaancccccc ccnnaaaaa aaaaaaac tttttgggaa anttttaaag      900
gggggggttn ggnaaaatng ggggtttttc cnaaacccgt ttaaaanttn gggggggccc      960
caaantttng gccccccent ttggaaatta aannaaaccn ggggnttttt tttttttccg      1020
gncccccent ttttttgna aacccttttt tnggggaaaa tttcccccaa ccgggttttc      1080
cnttttttna aaaaaaaagg gggggggaac cttntttttt gggttttccc cnaaaaaaac      1140
tttgggggaa aaaaanaaaa acaantttt taaaancccc ccnttttnt ttttttttg      1200
gggggggggc ccnnaaaat tttccenttt ttttttnggg gaaaattttt ttaaaaanaa      1260
aaaggggggg ggaaaatttt ttttttggnn ccccgnaaaa tntttttcn ngggggnccc      1320
cnttaatttt nggggggntt ttnaaaaaaa aaaaaaattt gggggggncc ttggggntt      1380
ttttttaaaa ccnnaaaaa aaaaaanttt ttttnaaaa cgcgccg      1427

```

<210> 4648  
 <211> 1505  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1505)  
 <223> n = A,T,C or G

```

<400> 4648
ttttttccca aaaaaaaaaa tttnggnccc cttttttttt ttttnaaaa aaaaaannnn      60
ngcccccn ttttnaggn nnnnnnnntt ttttnnnaa aatnanncc ccccnntnan      120
nttttttttn cccttaaaaa aanagnaacc ntttnggggg caaaaaaat ccntccnan      180
aaaatttnaa tnccatacaa ttaaattnag naanngnnn nnaangnnnn nnaaannnn      240
nnnnnaaaa tntannnang nnnnancnna naannggnnc ngnaaanngg ggacaccng      300
nnnnntggn nnggnttnaa atgnccnnnc cnnnaaggn ggntngtnn aaannnttn      360
gnaannncac atngnnnnna ncnanaaann gnnnnnttn acctnaacan tggggannnn      420
nnnnnnntnn naanacnnc tnananaaan angantgcn caannnaann aagngnnaa      480
annnatatn acnnaagca cnaacnncna ncnanaaaaa aaaccnngnn acacntgnta      540
ccactcang ctngnaccnt tatgngnnc atngatgnnn anngnncgca ctacannnan      600
nngnnccaag gnccacagan ccacnaatca nacntngtaa tntaatgcan cnnngncngc      660
aatannnaga ccacnttnnn natgacanng caaanacngn canntanca annggaangt      720
agtnacagta acatanganc ctnaantaac ctatagcngg gatnccagaa ctaaaatact      780
ntanctacat gnaacnttat naataagaan annggatnaa atannatagt aatgngntc      840
ttanatnata tctcaciaaac ncgatcntag aaataaataa atcgtagan tntttatatc      900
natanaanag attcatatan antnatatat ctatataatc antatataaa caacatatag      960
nnntataaaa anaaatacta aaaantcaan anntanatta nactcnnaan ngagggcaaa      1020
ataanncgna gnanaatata taagttnnn tccatanat nnanaaaaa atatacaata      1080
tanannaaaa aananatang aaaaanaaaa anctaaatan naacnnatan atataaaata      1140
tantcnnaaa acaatatata anatanaaat cnanatntan nganataaag atnaaanana      1200
tnntntaanc ntncnnacac ataantnaan ntaatnnana aaantnanc tanngntgan      1260

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aanactanaa	anactnaaan	naaa	caaat	atanggnnaa	naatatanaa	taaa	aacna	1320
atgngaaca	ttcaaanact	an	latnna	naaananac	ttaataanaa	at	anana	1380
ataanaataa	taagannnta	aanactaaaa	cacctatntc	taaagtcact	anactcatng			1440
nnanacanat	ctataatnna	annataaaaa	aatatgnnt	nnnanaataa	tattntatcn			1500
annnc								1505

<210> 4649  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4649								
ttantcatcn	ctcttgtttg	antnccntac	aactacttgt	tctttttgca	ggatcccatc			60
gattcgaatt	cggcacgagg	tgagccgagg	ttgcgccatt	gtactccagc	ctgggcaaca			120
agagcaaaac	tctgtttcaa	aaaaaaagaa	agaaagaaaa	ttacctggaa	ttcaatattg			180
ccatcggtcg	atttaattct	aatatgaana	aaggggcagt	gtgatgtgcc	atggagcatn			240
cacaacctgc	catttcaccc	accaacctta	gaaagccatt	gaaaagagtt	gtttttaatg			300
gtgtttttac	atccagcttc	ccacacctca	aatacttggg	gtggaattgt	taatctcaca			360
ttgcagtaca	atgaaaatag	tggaatggaa	atcaagttat	aaaatggagc	taaataatttc			420
ttctgcttgc	ctctgagttg	acaagatacc	ataagatact	gtacatgagg	ctgggcgcgc			480
gtggctcacg	tcttatttct	tctgcttgcc	tctgagttga	caagatacca	taagatactg			540
tcatgaggct	gggtgcagtg	gctcacgcct	gtaatcccag	cactttggga	gggtgagggtg			600
ggcagatcac	ctgaggtcgg	gagttcaaaa	ccagcctgac	tgacatgnag	aaacccctc			660
ttttctaaaa	aatcaaaant	agcccaggcc	ttggtggtgc	atgcctataa	ttncagctac			720
tcnggaagct	tangcangga	aaaaaaaaaa	aaatttccn					759

<210> 4650  
 <211> 917  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(917)  
 <223> n = A,T,C or G

<400> 4650								
ccnccntnnt	tcccccttnn	nnggtgggna	aaanaaccnn	cttttttgaa	aaaaaacccc			60
cccccttttt	tggnaaaaaa	ccccccgttt	tacnanaaan	acnggncncg	agggggganc			120
cccccnccnc	nggggnnggn	gngangcnnn	nactngncna	cnccacggcn	naacacncaa			180
aaactnngnn	gnggattnta	ttgagnggna	aaagggacga	nggctgngca	nagnnagaga			240
aanngggcna	gcccggnaac	gacgganggg	naaaaatatg	gggggnnnna	ngacaaaagg			300
aggccctgcy	cnaanccgaa	ccatnannan	ncccacgtag	cccggccna	ccnacgaacc			360
aannccctaac	agaancaana	tgnggcnggg	anaaacagnn	naggnaaaca	aggattcgag			420
aggangaggg	gggaacaagc	antngtgggn	gangtnanan	aacangggga	ttttcnaatg			480
agaanaatgc	anggcnga	natncgctg	ggnatggagg	gnacttgnc	cgccagatcg			540
cataaaacgc	acgcaactgn	gccacaaaca	tacggangan	tgngcaannc	naaannngnn			600
gccccgantn	acctgaggag	gganctaang	ctttgggaaa	agaacaaaa	acctnggacn			660
ggacaaggg	gaaggatgaa	cangaagacc	cggaaacaag	aggaagggga	nncgccncta			720
aanntaaaca	catccaaang	cgnaagggg	aanccttngg	ncnaannag	gaaacctgna			780
ccctnacntc	caaaccncgn	ttttaagaaa	gggggaaaac	caaccntga	agcnantncc			840
ccccnnnggg	ggnaaannaa	cnacctgggc	ccaaannntt	tgaangaacn	gananggnaa			900

<210> 4651  
 <211> 1282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1282)  
 <223> n = A,T,C or G

```

<400> 4651
agnnnnnnnn nntnnnnnnn nnttttttga aaaaaccccc cttttgggna aaaaaanggc      60
ccccgagggn natttnnaat ttacccctt cntnnttgca aaaanccnccn ttttggggaa      120
aaaanccccc cacancgncn nnttttttgn gnnngnaaaaa aggnancccg nnnnnnangg      180
nancatnnnnn nnnnnncnncn nggcnnanng nnnnngnggn cnnngnnngn cnnnnnnaan      240
nnnnnnnggg gtttttttnan nncncnnnnn cnannnnnnn nannnnnnnn ngnnnnngng      300
nncnagnncg ngggggggnnn ncangnanaa nngggccnng nnnngnngn naanngnna      360
gngccaanna cnannaaggn nannaangga ccnnnnnana nnnanangcc ncccccccc      420
canaacaagn acccatgacn nnnaatgacn aggccttagg naccanaaan ccaagcccna      480
ngnananctg ncncaggcca ngaacaccag ccaaagaann gagcaccnccn aaccacnagc      540
ncancnaggg aaancagggn caaaggncaa aggnaactaa ccaaanaacc cccantaagg      600
gccaaaaaag cctnggagcn gcgagnanaa nnaaaaaangc ctaaggnggc cnangggcng      660
aaaaaagang cgnanaannc aaggggaccn aagagnaaan naangnccca antcncannn      720
aannananag gcncccccca accannaaga tcnnnaancn ggggnannaa acnngancaa      780
tcgnncnncn nncncnannc ggnacnaaan anaaaancgg ggngaccaag nccnaaangc      840
angannanaa aanagntaca ngntcgnnca tnaaaacnan ancacngaa aancacacnn      900
caanncaanc ngnanannng gggagagnnc acnnaannga nanaaannac nacncaccac      960
anaaggngan cnacnggcn ggannnnanac aananggan aaaaangagn caccgcagna      1020
ancngcgana nngcgcnncn cnanaacggn agncnnaaaa gaaaganacn aannacangc      1080
anngacncac gancnananc cccaaacnag gnnanacnca anacacntnn ngcaganana      1140
accacnnnag nacacncaca cgctacaagn gnatnanagc nantatagan antacanacn      1200
cnanacanac ngcatnannc acaacnatac ngacanacng canntgaaaa atnnggaann      1260
nanagaacgg agagnacaac cn                                     1282
  
```

<210> 4652  
 <211> 1282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1282)  
 <223> n = A,T,C or G

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<400> 4652
agnnnnnnnn nntnnnnnnn nnttttttga aaaaaccccc cttttgggna aaaaaanggc      60
ccccgagggn natttnnaat ttacccctt cntnnttgca aaaanccnccn ttttggggaa      120
aaaanccccc cacancgncn nnttttttgn gnnngnaaaaa aggnancccg nnnnnnangg      180
nancatnnnnn nnnnnncnncn nggcnnanng nnnnngnggn cnnngnnngn cnnnnnnaan      240
nnnnnnnggg gtttttttnan nncncnnnnn cnannnnnnn nannnnnnnn ngnnnnngng      300
nncnagnncg ngggggggnnn ncangnanaa nngggccnng nnnngnngn naanngnna      360
gngccaanna cnannaaggn nannaangga ccnnnnnana nnnanangcc ncccccccc      420
canaacaagn acccatgacn nnnaatgacn aggccttagg naccanaaan ccaagcccna      480
ngnananctg ncncaggcca ngaacaccag ccaaagaann gagcaccnccn aaccacnagc      540
ncancnaggg aaancagggn caaaggncaa aggnaactaa ccaaanaacc cccantaagg      600
  
```



gccaaaaaag	cctnggagcn	g	nanaa	nnaaaaangc	ctaaggngc	c	gccng	660
aaaaaagang	cgnanaannc	a	gaccan	aagagnaaan	naangnccca	a	ncannn	720
aannananag	ngcnccccca	accannaaga	t	cnnaancn	ggggnannaa	acnngancaa		780
tcgnncncnn	nncncnannc	ggnacnaaan	anaaaaancg	ggngaccaag	nccnaaangc			840
angannanaa	aanagtaca	ngntcgnnca	tnaaaacnan	ancacngaa	aancacacnn			900
caanncaanc	ngnanannng	gggagagnnc	acnnaannga	nanaaannac	nacncaccac			960
anaaggngan	cnacnggcn	ggannnanac	aananggc	aaaanngagn	caccgcagna			1020
ancngcgana	nngcgcnnc	cnanaacgnn	agncnnaaaa	gaaaganacn	aannacangc			1080
anngacncac	gancnananc	cccaaacnag	gnnanacnca	anacacntnn	ngcaganana			1140
accacnnnag	nacacncaca	cgctacaagn	gnatnanagc	nantatagan	antacanacn			1200
cnanacanac	ngcatnannc	acaacnatac	ngacanacng	canntgaaaa	atnnggaann			1260
nanagaacgg	agagnacaac	cn						1282

<210> 4653

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4653

tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttgnaaa	aaaaccccc	tnttttgtt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncncc	ccnannnnng	ncccnantnt	ttgnnnga	nggaanangn	180
nnanannccc	nncnnnnnn	nnnnnnnann	nnnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnnnnnnn	nnnnnggggg	ggcnnatann	anannnanna	300
aaaaannnna	annaaaacca	nangggngna	nngnnaanan	acnnnnanaan	aannannnna	360
nnnanangga	aaananmnaa	nnaaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnacn	anggnaanaa	ngaatacag	gaaaantnan	600
ataaagacaa	ntnngaata	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	ggannngnn	aaacgaaaan	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananacacn	aanacgaaan	caaaagaang	naccncnncn	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaaca	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaa	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnna	aangaanagn	tacgnanaca	anaaaanaaa	atcacaaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnaca	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacaate	acanc			1356

<210> 4654

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4654

tttggggaaa	aaaaaaaccc	cccttttt	tgggggaaaa	aaaaanngnc	ccctngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnttttgttt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncncc	ccnannnncg	ncccnantnt	ttgnnngaan	nggaanangn	180
nnanannccc	nncnnnnnng	nnnnnnnann	nnnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnnggggg	ggcnnatann	anannnanna	300
aaaaannnna	annaaaacca	nangggngna	nngnnaanan	acnnnanaan	aannannnna	360
nnnanangga	aanannnnaa	nnaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaanacaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	gganngngnn	aaacgaaaan	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananacacn	aanacgaaan	caaaagaang	naccncncn	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anañcnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnaa	aangaanagn	tacgnanaca	anaaaanaaa	atcacaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacao	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacatc	acanc			1356

<210> 4655

<211> 1326

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1326)

<223> n = A,T,C or G

<400> 4655

ttttggccna	aaaaaaaaann	nnggccccnt	tttggggggc	cnaaaaaann	nnngggggccc	60
ccnngngngn	gnnnntntnt	ttnnnnngnt	tttnccccc	nnntcttttt	ctnggggnaaa	120
aancccccct	tnntttgggg	gaaaaaaann	cccccccnn	nngnnnnntt	ttttttgggg	180
ggnaaaaaaa	nnnnccccc	cnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngggggnttt	tttttnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnggg	ggggnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
ggggggggng	gngnggngn	nngcnnngn	annggnngca	nngngngngn	nannggnng	480
gnnnnnnnng	annnnnncn	ngngnnngn	nggnnnnggg	ncnannngg	cnnnnnnngg	540
gggnannngn	nnnnggnann	nnannnnngg	ggannnggn	cgngngngnn	nngnganann	600
nnggnngnan	ggannnann	annnnnnng	gnanccnnac	nnannnnnn	nngngcggga	660
ancnnncnn	ngnnncnnng	acnngggnn	gnnnnnnnnn	nnnnnnnnng	aanggnnnnn	720
nnngnnnnnn	nnngannnnn	nnnnnnnnng	gncnnngncg	nnngaagnng	nnnnnnngnn	780
nnnnnnnnnn	nggggggggg	nnnnnnnnng	nnnnngnan	cnnnnnnnn	gnnnagngc	840
nnngnnnnnn	ggnnnnngcnc	nnnnnnngnn	nannngngng	nnannnnnn	nnnnnnngng	900
gnnnnnnann	nnnnnnnnng	nnnnngnnnn	nnnnngnnn	nnnnnnnnnn	nanagnnnnn	960
nngngnnaan	gnannnnnn	nnnnngngn	gnnnncgng	ngnnnnnnng	nnannnnnn	1020
nnngnnnnnn	nnnnaggggn	nnnnngnnng	nnnnngngn	nnannngnn	nnnnngngnn	1080
nanngnnnan	nnnnngnnnn	nanncacnn	nnnnnnngnn	ncgnnnngnn	ngnnngnnnn	1140
nnngngnnnn	nnnnnnnnnn	nnngnnnnng	nnnnnnnnng	cgnnnnnnnn	nnnnnnngng	1200
ngnannnnnn	nngnggann	nnnnnnnnnn	ngnnnnnann	nnnnnnnnnn	ngnannnnnn	1260



naacnaaccc	cantgtanan	anccaat	ancaccacna	natanncaaa	gngana	1020
aaccanaaaa	naccanattnt	naaagcg	ncaaacana	acngaccca	toannatn	1080
cnaacacaaa	naaanatatn	catnaaacac	acacaanacc	acctcnnaa	nnnacntacc	1140
ntanaaacat	ncaaaanctn	natngacacn	nacaaaacag	caccanntca	anaccnaana	1200
nactacacag	agatacanag	acaanntnnn	nncnagaaa	ccacacgacc	catnanacnn	1260
acctntcnca	cnacncntc	nancgcgga	gnnaaaaata	anacacanaa	acacacnca	1319

<210> 4658  
 <211> 1088  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1088)  
 <223> n = A,T,C or G

<400> 4658						
gaggntttt	tccaaaaaaa	nnccccagag	ggnnnatttt	tgcaaaaaac	gccttttggt	60
tttacaaaa	nccgcttttt	gggnaaaatt	ttngggccng	naaaaagnna	tntntnggga	120
nnnanaanaa	nnnnnaanng	ganggganan	naaannnnn	annnnnaann	nannnnanag	180
anaanagggn	gnnnangnna	nntttttnnn	nannganggg	ggaannnnn	acnanngggg	240
nganannann	nnannnnnnn	annngggngg	gnnnanannn	aannangngg	gnaganagan	300
nnannnngnn	nananaccnn	agnnnnnnna	ganannnaaa	naaannccnn	annnananaa	360
gaaacanaag	nnnaaaanac	aggaaaaaaa	aaganaaant	acngnaanta	anacaaaaaa	420
aacaaaacna	ncatngnanc	aggnananag	tagcaanaac	nganngaagg	canaagagag	480
aaagncntga	cnaaagagga	ngagntnntt	naactaagan	agagannnac	ngaantgnaa	540
acangaancn	natganaaaa	aaggntnnga	canaagaaga	angcnanaca	nnaaaangan	600
ngaagnatga	aagaaaaann	naaagcntng	gnanaaaaaa	anagagatna	anaaaaaatn	660
aaaagaanag	aannaacnna	atntcngnna	ancncgagaa	aatgggnnaa	gaaacangaa	720
naanatacaa	gaacnaaaga	nagnncggaa	anaaganagg	naaaaagaac	nanatataan	780
nganaagnta	naanggata	acangnagat	ganaangagn	acannanaga	nanatgnang	840
ngacnanagg	gagantaaaa	anntaagnna	nnaaanana	aagcnannga	gannnnaccn	900
gnanacgggn	annacataac	anactnannn	nanaaaatac	nnnaaaggga	gananaacga	960
naatnnngca	naannannan	anaacgaaga	atangaagng	annncaggan	agatagaaan	1020
anganntaga	acngaaanna	aantnnncaa	ancaatnana	aanagncann	gnacatanaa	1080
aacaacnn						1088

<210> 4659  
 <211> 1267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1267)  
 <223> n = A,T,C or G

<400> 4659						
aggtttttt	gcaaaaaaan	ccccccnttt	ttggncnttt	tttgcnaaaa	aanncgctt	60
ttggttttna	aaaacacccc	ccttttttgc	nnaaaattat	acgcncagtn	annatgnnnn	120
ntatnnnnnn	nnannnanaa	nnnnnnnnnn	aananaanng	ggngnnnnnn	annnaaanaa	180
naannnnnnn	ttttntannn	angnaaatan	nnannnnnan	attttntnnn	annnnnnnnn	240
naannntnnn	tntnaaaann	ggngngnana	nnannacnna	nnntnanatn	nnaananaann	300
nnnnnnnnnn	tanngaggng	annnnnnnna	naannganng	anaannnnna	nnancanaat	360
nnnnaanant	nnngnanaaa	naantaanan	nnacnaatca	naannnaana	nnnannnaaa	420
nnannaataa	nncaaaaaaa	aagccanann	tatannaaaa	cntcaatann	cgtanaanaa	480

gaanatnacn	natannaana	na	ctacc	aaaactnaan	annnnaatnc	at	naana	540
taactannaa	nngaatnata	na	ganaa	nnnagnanna	atnntannan	na	gcannn	600
ngnnaanacn	tcaagcntag	antanntaca	aatacnnnaa	atantaacnn	nanananaaa			660
anaannnnnn	naacatncna	agannnnana	acaaanaann	gnacaannan	taacnannan			720
anaaananat	ataaacanna	ananannnaa	taaataaant	atanataang	ngntcanata			780
tnnaagacaa	ncnaantaaa	cntnnancat	nancgaacta	taaatagaan	nganatatga			840
nataanatna	mntanaacnc	natatatanc	nagtanatnt	nanancacta	nanatacnan			900
nanaaantcn	tactanacan	naacanctnn	aactnanann	antannnagn	aacacncata			960
nancgannna	atancnctna	anntnnanna	ctctgaanaa	annacanata	aataactata			1020
nanctagnn	acantncacn	tagtannnaa	tatntanana	ttcnctanat	ananntntan			1080
atcactacgn	actcanacat	anaaannaag	tcttanagan	aaatatcact	caanaannna			1140
ngggncacta	tntanncatn	anncanaata	nnncancata	tannacanat	aaantnnana			1200
tcnnaangat	naaatntnan	angacnanac	anatangtnt	atnnctaanc	tgtaaataca			1260
ncacgaa								1267

<210> 4660

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 4660

gtttgaaatn	cctttgggnat	ttctaagtct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatcctta	tntatcttng	nnatgtntta	aannganata	atantntttn	300
naattttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttntattttn	420
ttncntntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	atnttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atntatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnntatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nttttataag	720
antatanncn	nnacggtata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gnganttatt	tnnttgata	840
taggattact	atnttatgat	anannntctt	tntataatna	aatatnatan	tgagggtntn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnatttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaagtgnatc	1140
tatnatnnac	mntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataan	naantactg	tctattgnta	cagan			1235

<210> 4661

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1235)

<223> n = A,T,C or G

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<400> 4661
gtttgaaatn cctttgggnat ttatgct tgntnancgn cattnatatn tgagantng      60
nttggaaatn ngnacganga tntnntaaag catgtttana agtnattana atggacgggt      120
tgncnnntaa ngattgggna taantggtgg naanantgga ntganttngt attgnttnga      180
tttgagttat ctnattgaga nctntannnn ataaggagag ttntattntn ataaaagntan      240
tagnanntan nggacctta tntatcttng nnatgtntta aannganata atantntttn      300
naattttacn attntagana ttinatnggtg aaactttatc atatgntnna aattnttann      360
ttnnnaatct ntgcaaaaaa ttantagntt tantntatnc atntcnantt tttntatttn      420
ttnctnntna ttannnttan tntgatntat gnanttcnta atttcnttta tnatcnctnt      480
tactnatata attttnannt anaaanaagt aatnnannat ntttgaatat atntntatca      540
naatatgnga nattataatc atttatnttn natagtatan ntnatgnatg tagatatata      600
tctatagntg ntntnntatt ntttngatct gtatagncat cngnactaat atantttgtg      660
atanagctat tatggggant atntaaaact attgatgtna aaaaaacata nttttataag      720
antatanncn nnacgttata atagntctct gtacctatta ngcnattnga ttanaanatt      780
nntcnngata cctatntgta tnncatnaca tattatatng gngantttatt tnnttgata      840
taggattact atnttatgat anannntctt tntataatna aatatnatan tgagggtntn      900
ctttntacag ttgtanntna aatatnagcg ntnttaataa natagagnga tatatgacat      960
tnatttataat atattaagan tgtaagattn natnaagnag taatatcann atatatgata      1020
natnantgtc ttncatggat gntatggata cttagtgnnt gtgaanttta tnnttatata      1080
tanntntnat tngtaaaata tactatantn tatatatctg atatatataa ngaatgnatc      1140
tatnatnnac nntataatat cntgtacgat taaaanattn aatatatgtn tatatntgaa      1200
tatgtataan naanctactg tctattgnta cagan      1235

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```

<210> 4662
<211> 750
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

```

```

<400> 4662
tntaatttna tntntannnc cnttcaactn cttgttcttt ttgcaggatc ccatcgattc      60
gaattcgcca cgagatgagc ccatgaactt cccagaaaac tcattgtctt ctatttccgt      120
aacagctcct aaccactagt cgggctttgc acacagcgac ttctccgtaa atgttgactg      180
cagggcagaa agaaaggcta aaagtcttta ggagaatggt tgcccttgca tgtatatgct      240
ggcgatgcta ataagtccca gctagacctg gcagtgagta agttcagggg tggcaattta      300
atthtcttgc tattagtaaa acaaacagta ggtgggatgg gtggtaagct taaatatctc      360
tgacgcgcca tttaaaccat ccatcccacc tgtgggttgt ctgcacctgc tcttttggtg      420
cgggtgggtct cctaatttgc ttttcagtc ctttcattct atcattgttc tcaaaggcac      480
cgctctgcaa accacataaa ggcctttcaa cttncgctgc attttgtttt attcagccaa      540
ttgactagta ctgtcagcta attggattgg aaatgtaaaa tgaaagctgt attattcaac      600
tgccaacctc ctcacttggc anggagtggg tgatgctggt aattgaccan aagtgttaatt      660
gctctgggtc tgccctctgga ttaacaatg aaccctggga gggctttctn tganacactt      720
gataacctgt tttttttttt tcccnggggn      750

```

```

<210> 4663
<211> 808
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

```

```

<400> 4663
gttnnnnnntt tgaatccctt ngctngnc tttttgcagg atcccatcga ttgactaa 60
aaatagggtt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag 120
caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtgga ctgcatttaa 180
atttgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg 240
tacttctgtg ttcatttttt tttttttttg gctagagttt ccactatccc aataaagaat 300
tacagtacac atccccagaa tccataaatg tgttcctggc ccactctgta atagttcagt 360
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg 420
catttctata ctttacagga aaaaaaattc tgntgttcca ttttatgcag aagcatattt 480
tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta 540
cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc 600
tacttgataa tattaaggga ttctggattt caggttttca tttggtttgc ttttggtttt 660
ttcctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa 720
aacattaatt ttnggccnn nnnaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnna aacctcggnc cttntaaa 808

```

```

<210> 4664
<211> 1008
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1008)
<223> n = A,T,C or G

```

```

<400> 4664
ccgcncncnn cnnngnnnnn nannnnnnng nnnngnnnnt ttnnttttcn annccnttca 60
genccttggt catgatgcag gatcccatcg attcgaacnn gcacngtct atcncntnngt 120
gaagcactac cccngntacg ggttncacca tgccctgggca gntnggccat gggcccggtc 180
acgaacanaa cgggcctgga cgcctcgccc ctggccgcag atacctncta ctaccagggg 240
gngnactccc ggccattat gaactcctct taagaagacg acggcttcag gcccggttaa 300
ctctggcacc ccggtatnag gacanntgan gancaagngg gggtcganac ntnngggaga 360
cggagttgca tagacgcang gggagaagaa attcataacn ccccggnccn aacaccncna 420
aggacagcag tcgttttnac cccgntgcan cccgttctcg gtccnaacag agggccacca 480
cagnatncnc cacanttcta tattanggag gaanancggg gaaagaatgt anaattttga 540
anaataancc tactggtggt ccaaanaact gnncccgacn cnettgcntn gtgnnaaagc 600
gnccntggca ngattnctng aaatttnntt tgggttggtg ggnaggnncc ccccntccca 660
tttgccncgn ccggttgga aggggaaatt tcctttcctt tcacctcan tatnaaaagg 720
ttttncttgg gagntngaac tttcgggggg ttaaaaaanc ccattgtggg ngcccaataa 780
anccangacn ccncttaggg ggggaagncc cntnccgggn ganntnctg tccanaacgn 840
gngggnctgt atctttngtg gggnccttnt tcnaccnat tttgggggga ggangcnngg 900
nntaaccctt ggcaaccncc cggaaacatn gggatgatgt nnaaaacatt tncggatgca 960
naatattttg gcncccgggg gnggccnnan tatatttngg gannagcc 1008

```

```

<210> 4665
<211> 1690
<212> DNA -
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1690)
<223> n = A,T,C or G

```

```

<400> 4665
ccnccnnann acnnngcnnn nnaaannnaa nnnccnnann nngaaacnnn nnannnnnnna 60

```

nngcagngnn	ngnannnnang	ccnnanncn	gaanangacg	cannnnannnn	nnnnngann	120
nnnnncngng	gngncntgna	naaaacaaan	aggcngnana	cacnnngnng	annggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnnnncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaata	acngccttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgaccaaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncaannta	nannagnanc	ganncgcgca	660
nancncnaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgngnan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannnn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaanaac	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnnacccgcn	nnnanctctn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcggnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancanne	1320
tnannnagat	ganactanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agccngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntatactaa	cnanananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnnngagt	cngcngannn	tcnnnnnctn	atcnnacgaa	1680
ntnctntnncn						1690

<210> 4666  
 <211> 839  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(839)  
 <223> n = A,T,C or G

<400> 4666						60
tttgaaaacc	tttnatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	120
ggcacgaggg	nangganncn	ncangatctt	gganggntcn	cncgtggncga	gaccaaggaa	180
aagcntcggn	cgatnggngn	cccaatgcan	ggtgatgggg	atggcttnna	nnctantgnt	240
gnnccnatat	ccannatnan	gctggtgcat	aangnantcn	nnnnccctaa	nnncgcngaa	300
nnntggncng	atnttgntcn	ngacnntgtg	nnnttnnatg	tnnacactgt	nnnttnnaac	360
nntgttcggn	ccnncnange	tgatnntgac	ctggncaatg	acctgctgtg	gnantgctgg	420
nttcactgnt	cangtgacta	tattnatcca	tacannacca	attnaccttg	ctcatatcat	480
ccntagnttt	gnattgccac	tcgngattnn	attgcantnc	aangcnnanc	tttaactann	540
ngggatnata	aatnntccgc	ccntttnttg	nnanaaaaaat	cttgnaaagg	aanagcccnt	600
tacacttgta	aggaaattnn	ggccccaacc	tnagcaaagt	gcataaaaaa	ggttggcngg	660
ncangtcena	tanaaaanctt	nnangannat	tgtcaaaaaca	nnntnnacctt	tctggncatg	720
aatcattggn	tgttgnttnt	agactnccaa	gagnttgggg	nggntntttt	tcaaaaaannt	780
tttananaga	acntttgcnc	ggaactgttc	agngggcaat	caactttttc	ncggnaaggc	839
tttagactgc	taaaaatgan	ttntttnctt	tataactgcc	ancccaaatac	tttatnctt	

<210> 4667  
 <211> 848



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(848)  
<223> n = A,T,C or G

<400> 4667  
gnnnnnnnnn nttntnaata tacagctctt gttctttttg caggacccat cgattcgctc 60  
angcngngc ctccttcccc agntttgntg cctgagtga accagtgcnn acncacagnc 120  
cggaaggc gcatctaacy cntntnagg ctnggtaac tgcggacaag ttgctttnac 180  
ctgatttgat gatacatntc attaagggtc cagttataaa ttttttgcta atatttatta 240  
agngactata tgaatgcanc tncattnacc agtaacttat nttaaataatg cctagtaaca 300  
catatgtngn ataantntcta gaaacaaaca tntaataagn atataatccn gtgaaaatnt 360  
gaggcttgat aatattaggt agtgacaatg aagcatggna gaagctgtna cagattacat 420  
anagaataat gaggagatta tgatggaacc ttaatatata atgttgncag cgattntagt 480  
tnaatattcg atactgnnat ctatctgctg tatatggaat acttttaatt caaacgctga 540  
anacgaatca gcatttagtc ttgccaggna caccataaa tcagncatgt gtaatatnca 600  
caagttcgtn tctgttttgg gttatnttga tggtnnggtt gtgnttttgc ttttaagttgc 660  
atgagctttt tgcnggaaat antcactcat cccactccag ataaggggnt tagtcatnag 720  
aaagtctgtc tggntgatga tggatacggg gccaatcttt ntcccccttc tggttaatag 780  
tcattacatt tctatgccnn nnnaggancn natccataac tttancttaa ngtnacacatt 840  
ggnatttt 848

<210> 4668  
<211> 1690  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1690)  
<223> n = A,T,C or G

<400> 4668  
ccnccnnann acnnngcnnn nnaaaannaa nnnccnnann nngaaacnnn nnannnnnna 60  
nngcagngnn ngnannnang cgagnnancn gaanangacg cannnnnannn nngaangann 120  
nnnncncgng gngncntgna nannnacaan aggcngnana cacnnngnng anannggcnc 180  
annnacacgn ananannnac canaacannn cngctancan naagannnca cnnnanagca 240  
nnnncnagng ngngggancc gagngcgnga cntnnnccna ttttttgga aaccgggtt 300  
tgggccaaaa acnggcttgg ggnagannct cacaaacgca cnnaggagac gagagagngn 360  
agccgngncn acgntnnacc agctacagcg aantcncnng nncgccnagn ngnaaanacga 420  
gacnnnagna gnnacnacca anannaccan gggaaggggg gggaaccnnn cgnccaanag 480  
nccnnacacn nantaaanan ngagngnngt aagacancca ngnnncaaan tgnnaannnn 540  
anncaanacn aaaanaancc nnnnacctat acnnagncac aacaactnan ancnnagaan 600  
annannntnt cnannnnaan caaaaaagaa tcnncaanta nannagnanc ganncgcgca 660  
nanncncaan gtannaanna tantannaca cgacgganac atngnanacn angcggnan 720  
acangnnnnan cncancanan ancnangaag atntntncca gaacgcgctg cngnatacac 780  
ancngctnnn gacngnnnaa cncnagnann angcntnang acncacnnna cacacncgn 840  
annncancng cacagcgngg atanacgaac gnnncaagct cnagnaanaac aggtangcca 900  
cangnagagn anaccnnnna cnagnnaaan aagncacatc accgatanat nctcgannnc 960  
naccagcnnn nnncnagnga cnnacccgcn nnnanctctn ncnacangnn nangnaccnn 1020  
ngcntncaca cgnanaanaa tctncnccca gaagcncggc ncncgncacg anacgcagag 1080  
naccgncagn atnantnacg cgcaaanagc gacanaangc angnccaaga tanagnngan 1140  
agcggnatan nagcacgctn acacagcgan acnngaagan cacgngnann tntnagana 1200  
cannnnngnaa nacagcctnt gacgnaacac agcannacat cnnacagctc ngacancacg 1260

anananggac	agncncngan	a	ngaac	nacncaannn	cacannagan	g	cannc	1320
tnannnagat	ganancntanc	a	acngga	tnncactata	tngannangn	n	cgccgn	1380
ngnnancagc	agccngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan			1440
ataagannac	cacncctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan			1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn			1560
mntatactaa	cnnananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc			1620
ncatgatnnc	ccactcacga	ncnnnnngagt	cngcngannn	tccnnnnctn	atcnnncagaa			1680
ntncntnnncn								1690

<210> 4669

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4669

ttttcataca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagggtga	60
ggctctctta	aaaaatttaa	aaatactgaa	gaaacaaagg	gaggagttag	tagaatctgg	120
agtggaggaa	acttctgtgt	caccaaacac	agaaaccatc	aaagaaaatc	tttcacttcc	180
aaaattagtc	tatagaaaaa	aaaaagaaaa	tcttaaccca	aataagagac	tgaggcaaga	240
gcttcaatca	atcgaggttt	actgagccag	agttggagcg	tgccaggaaa	gcaacacaag	300
tcaaagaaac	gtctgtggcc	tgtgctctcc	caagaagttt	tcaggaggct	caatatattgt	360
acatttcttt	aaaggggaga	agacagttag	gcaaattggt	atgtttttgt	gagactctta	420
attagtgtcc	cgtaaatact	agctatatgg	aagatagggt	gaacactgga	agaacaggga	480
gtaacagaag	accaattatg	cagaggtctc	agggttaggt	gaggaaatgat	tgatctcatc	540
ttatccttgt	ctgcacctgg	gcagatnaac	tttgtaattg	acattgtcag	tgtgaaattt	600
acaagacttt	tggtttttag	agttaggttt	agggttgccag	acctaaagtt	gcagttgaca	660
tgtnccttgt	ttataggagg	atntccatnc	tgaaagttta	gggactggcc	aanaattact	720
ggtgagcaat	ttgtgantgc	ggcncctggag	atcatgange	tttttgcctt	tttgngggat	780

<210> 4670

<211> 712

<212> DNA

<213> Homo sapiens

<400> 4670

gttttagagc	agctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgaggaa	60
ctagtctcga	gttttttttt	tttttttttt	atgatattac	accatagggt	ttattaacga	120
taaatgtttg	cattactttt	aaaagcttag	ctcttactaa	gcattcttta	acaaaagcta	180
ataagcaaga	aatcatttgc	catacgaaa	ctatattcac	aaacaagact	ttaatccaat	240
attgaaagct	aaagaattag	aaaaaataca	aaacactgct	atgagtcaat	tgaactgcta	300
tcattgaatt	tgctgcattt	agaatgacat	aaacatactg	aacataaaaa	caattttatg	360
gatttattct	ataagactag	cattaagaat	gacatacaat	ttgtgatttc	ctttaaaaat	420
aattttttac	aacagaatcc	atgtgaacaa	agggctcttt	tttccctca	tttgagggga	480
agacaatcta	tgtttcccaa	acagatcctc	ctttcatact	aaaatagcaa	actgtggcct	540
cgatctcctc	ttcccagatg	ctacttatag	atgactttgc	ataataactt	aattagaatt	600
acttttctgg	taacagtgtc	acggccataa	ataatcagtt	tttaaaaaac	aaacatcaag	660
ggcaaatacta	gaaaacttcc	tttaaaggaa	ttacccaaac	ccagcacaca	tg	712

<210> 4671

<211> 782

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

```

<400> 4671
gtncctnta aaaccttttt tanaatctnc ttgttctttt tgcaggatcc catcgattcg      60
ttcatatttg aagaattaga aatgaagtcc gttcagattc tccaaagaac ctccagccac      120
tggtggggga cattcttaat tcacattcct atcagttggt atctcctgtc cctgaagaca      180
ctgatgaggc ttgggaggag aatccacact tccctgcag ggggttaggc tgggcagggc      240
agggagggtga gggcgctggt ccagaacact ggcaagggat gggaacctaa cttcttctgt      300
gcttctgatt tgcccttgca ggtgtttttc caggctctgac cacctggccc tgcacatgaa      360
gaggcacctc tgaggagca gagaggtgga tctgttaggc taaaaggctt ccaggctgag      420
agccccggccc gtggaaggag ggatgcatgc tttattaagg ctcttgtttc acctggcagt      480
gtactgtatc aacgtataat acagaaaaaa aatctcttta aggtcctcct tcacaaagac      540
atagagtga actcccttta catgtcagta tttgttcaac actttaggca acttgactgt      600
cagtgttaaa atggaaaaca ggaaaatgga aaaatctgac caattctgcc ccttgagact      660
ttcatataga ccttgacaaa caattgtata gatcacacac cggtctgtat ttaatatgta      720
acattttcnc acatnttaaa gatccagaag ttttaaaaaa cccccaatgt taatgtattt      780
gc
  
```

<210> 4672  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

```

<400> 4672
gagccttga ancctatnta caatctactt gctctttttg caggatccca tcgattcgaa      60
ttcggcacga gaaaaaacct cctgggactg ttgcaaggat gaaatgaagg attgagggat      120
tgagggattg ctgagctgga gctccagggtg tcctatcttt ctgagtgagg tggcacggag      180
cggggcccgc tccctcttct ctccaggcag gtggggctgt gggttatgca tagggtctcc      240
cttccctcca gcccatgcca gaggagcttg taactcttta tctcatggt gccactacg      300
agtcatactc tcccccatgc tgctcattct cctgggcccc atccactcag ccaaagcaga      360
atgcagggtt tctgcctga caacccttct cacctcccaa gtcccacttt tgaacaagct      420
gatgattctg aaactggccc aatttcctaa caagccggat gcttgagaaa cctacatttg      480
gacaatgaga ggctgctcct gcngcctgcg ggccacctcc tcttccttgg ctctgcttt      540
cttttttagac tatatcaacc tacaacttta ctgggaaga gggacagggg tggacctgag      600
tttcgtctcc tgtctctctg gctgatgtca cctggaataa agccttcttn cctggccaaa      660
naaaaanacc nnnnnnanaa nntacttcna gcctctanaa ctatagttag tcgtattacg      720
tnnaanccaa cttgaataag anacattgat gaattttgga ncaanccnca actntgaatg      780
ct
  
```

<210> 4673  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

```

<400> 4673
gnttnaganc aggctctgtt ctctgtcag gatccatcga ttcggtttcg gctctgggg 60
tnggnactgt tgataggang atgtnttaag gaaatgctaa aattgggcac cctgccccca 120
acttcaaagc cncagctgtt atgccanatg gtcannntaa agatatnacc ctgtctgact 180
acaaaggaaa atntgttgng nncttcnttt accctcttga cttnaccttt gtgtgccccca 240
cggagatcat tgntntcagt gatagggcng aanaatntaa naaactcaac tgccaagnga 300
tnggagcttc tgtggattct cacttggtgc atctagcatg ggtcantaca cctaagaagc 360
aaggaggact gggacccatg aacattcctt tggntcaga cccgaagcgc accattgctc 420
angattatgg ggtcttaaag gctgatgaag gcctctcggt caggggcctt tttatcattg 480
atgataaggg tattcttcgg cagatcactg naaatgacct cctgttggc cgctctgtgg 540
atganacttt gagactagtt caggccttcc aggcactgac naacatgggg aagtgtgccc 600
agctggctgg aaacctggca gtgatccatn aagcctgatg tccaaannag caaagaatat 660
ttntccaagc ngaagtnagc gctgggctgg tttantgcca ggctgc 706

```

```

<210> 4674
<211> 710
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

```

```

<400> 4674
gtttaatcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagtattg 60
gtttgtagaa atgctactga ttttgtacg ttaatTTTTg tatcctgaaa cntactaac 120
gtcatttatc aggtcttttg gagggattgt tagggTTTTt ttaggtttag aatcatattg 180
tgagtgaaca gagataattt gacttcctct ttttctattt agatgccttt tgtttctttt 240
tcttgcccga ttgctctggg taggacttca gtactatgtt gaatagaggt ggtgagagtg 300
ggcatccttg tcttgttctt aggggggatg ctttcacctt tgcccattca gtatgatatt 360
ggctgtgggt ttgtcataga tggctcttat tattttgaga ggtatgttcc ttcattgcct 420
agtttgttga ggatttttat catgaaggga tattggactt tatcaaagtc ttttctacat 480
gtattgagat gatcatatgg ttttgtttt taattctgtt tatgtgctaa aactattccc 540
caaaatcaaa gagaaaggat ttctccttaa cacattctac gaaaccagta tcctcctgat 600
ccaaaatctg gcaaggacac caacancana aaanaaaaaa aaaaaactng gcctttaaaa 660
actttngggg ngccnnnttn cgnaanatcc nnnncttgat nagatccntn 710

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<210> 4675
<211> 782
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

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<400> 4675
tttgaaanct tttatacanc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60
cacgaggtgg ggacgagccc tccccatcct gagtccacag ggagatccac agctcacgga 120
gcctggccgc ggacccctcc caccctgcc ttgccggccc ctgcacattt aggatatgct 180
cctgggtggg gactgggctg tgcccagggc ctctgtcccc caggatgtct tgtggtgccg 240
gtcggccgtt ctgcccccca gggcaccccc tgtttagagg actggctagg gaggggcagg 300
cttccttctt gccctcgag acactcttgg gagatgcatt ttccgtctgg ctcacagggg 360
gagggtgagg ctttgcaccc caccctgnc cangccactg tgatgggtgg tgctgtgaa 420
ccccggggc agcaggagcc aggcangtga tgtctttgtc tcggctccca cagnagaacc 480

```

aggtgagggg	ggcctgcca	anaac	catgtggggc	aaactgaacc	ccnct	540
gtggcgcat	gccccgatct	tcacact	ggtgaccctn	anaaaagatg	taaatgnaa	600
cctggccggg	gtttnttnan	ccgactttt	aanttgncn	tncaaaccct	tggttgaac	660
ttgggtctgt	ttacctaana	aagtcccaca	aggtgcctta	ttnttngggg	ttnttttnna	720
naancncnt	tnnnngnna	nnnttttttn	natttnnnnn	aaaanatnnn	aaannngnnt	780
tt						782

<210> 4676  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(808)  
 <223> n = A,T,C or G

<400> 4676						60
gttnnnnnntt	tgaatccctt	ngctctngnc	tttttgcagg	atcccatcga	ttcgactaa	120
aaataggttt	gttgtttaag	aagacacctt	ctgagtattc	tcataggaga	ctgcgtcaag	180
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtga	ctgcatttaa	240
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattcgc	ctttgtcttg	300
tacttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	360
tacagtacac	atcccagaa	tccataaatg	tgttcctggc	ccactctgta	atagttcagt	420
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	480
catttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	540
tgctggtttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	600
cagcattgnc	tttgctggac	tcttgctgat	ggctgctaga	ttttaattta	tttggttccc	660
tacttgataa	tattaaggga	ttctggattt	caggttttca	tttggtttgc	ttttggtttt	720
ttctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaang	gngggaataa	780
aacattaatt	ttnggcccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	808
nnnnnnnnna	aacctcgnc	cttntaaa				

<210> 4677  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 4677						60
gntctcatnn	tggnaggctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	120
gaggtgcgac	gaaggagtag	gtggtgggat	ctcaccgtgg	gtccgattag	ccttttctct	180
gccttgcttg	cttgagcttc	agcggaattc	gaaatggctg	gcggaaggc	tggaaggac	240
tccggaaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca	300
gtgggccgta	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtgggcgcg	360
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	420
gcaggaaatg	catcaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	480
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tggtggtggn	540
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa	600
aggatgcctg	gattccttgt	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	660
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcttttttt	gtaattctat	708
ttgacaagtt	tggaagttaa	ttagctttcc	accaaccaa	tttctgct		

<210> 4678  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(808)  
 <223> n = A,T,C or G

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<400> 4678
gttnnnnnntt tgaatccctt ngctctngnc tttttgcagg atcccatcga ttgcgactaa      60
aaatagggttt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag      120
caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtgga ctgcatttaa      180
at ttgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg      240
tacttctgtg ttcatTTTTT ttttttttgg gctagagttt ccactatccc aataaagaat      300
tacagtacac atccccagaa tccataaatg tgttcctggc ccactctgta atagttcagt      360
agaattacca ttaattacat acagatttta cctatccaça atagtcagaa aacaacttgg      420
catttctata ctttacagga aaaaaaatte tgntgttcca ttttatgcag aagcatattt      480
tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta      540
cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttgggtccc      600
tacttgataa tattaaggga ttctggattt cagggttttca tttggtttgc ttttggtttt      660
ttcctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa      720
aacattaatt ttgngcccnn nnnaaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnna aacctcggn cttntaaa      808
  
```

<210> 4679  
 <211> 880  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

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<400> 4679
ttatntttca ttcanctctt gttctttttg caggatccct cgattcgaat tcggcacgag      60
tcaaggccta cgaacaggtg atgcactacc ccggtacagg ttcccccatg cctggcagct      120
tgccatggg cccggtcacg aacaaaacgg gcctggacgc ctgcgccctg gccgcagata      180
cctcctacta ccagggggtg tactcccggc ccattatgaa ctctcttaa gaagacgag      240
gcttcangcc cggctaactc tggcaccccn gatcnaggac aagtggagag caagtggggg      300
tcgagacttt ggggagacgg tgttgcatag acccaaggga gaagaaatcc ataacacccc      360
caccccaaca cccncaagac agcagtcttn ttaccgctg canccgttcc gtcccaaca      420
gagggccaca cagatacccc acgttctata taaggaggaa aacgggaaag aatataaagt      480
taaaaaaaag cctccgggtt nactactgn gtagactcct gttcttcaa gcacctgcag      540
attctgattt ttttgntggt ggtgntctcc tccattgctt gttgntgcag gggaagtctt      600
tactttaaaa aaaaaaaaaa attttgtgga gttggacttc gggggtnaaa aacccatgtt      660
tgtttttnaa caagnaanca agaaggggtt ggtacttatt tggnttaaa aaaaaaaaaa      720
aaaaaaaaaa aaacntttg nngncccttn ttaaaaaact tttttgnng gaggttcggt      780
nattttaccg ttaaaaattc ccccccacct tgggtttang gaattnnan tttggattgn      840
aaatttttgg gnaccnaaan cccnccaac ctttgggaaa      880
  
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<210> 4680  
 <211> 880  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

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<400> 4680
ttatnttttca ttcantctctt gttcttttttg caggatccct cgattcgaat tcggcacgag      60
tcaaggccta cgaacagggtg atgcactacc ccggctacgg ttcccccatg cctggcagct      120
tggccatggg cccgggtcacg aacaaaacgg gcctggacgc ctgcgccctg gccgcagata      180
cctcctacta ccaggggggtg tactccccgc ccattatgaa ctctctttaa gaagacgacg      240
gcttcangcc cggctaactc tggcaccccn gatcnaggac aagtggagag caagtggggg      300
tcgagacttt ggggagacgg tgttgcatag acccaaggga gaagaaatcc ataacacccc      360
cacccaaca cccncaagac agcagtcttn ttacccgctg canccgttcc gtcccaaaca      420
gagggccaca cagatacccc acgttctata taaggaggaa aacgggaaag aatataaagt      480
taaaaaaaag cctccggttt nactactgn gtagactcct gttcttcaa gcacctgcag      540
attctgattt ttttgntggt ggtgntctcc tccattgctt gttgntgcag gggaagtctt      600
tactttaaaa aaaaaaaaaa attttgtgga gttggacttc gggggtnaaa aacctatgtt      660
tgtttttnaa caagnaanca agaaggggtt ggtacttatt tggnttaaa aaaaaaaaaa      720
aaaaaaaaaa aaacntttg nngncccttn ttaaaaaact tttttgnng gaggttcggt      780
nattttaccg ttaaaaattc cccccaccct tgggtttang gaattnnan tttggattgn      840
aaatttttgg gnaccnaaan ccncccaac ctttgggaaa      880

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<210> 4681  
 <211> 880  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

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<400> 4681
ttatnttttca ttcantctctt gttcttttttg caggatccct cgattcgaat tcggcacgag      60
tcaaggccta cgaacagggtg atgcactacc ccggctacgg ttcccccatg cctggcagct      120
tggccatggg cccgggtcacg aacaaaacgg gcctggacgc ctgcgccctg gccgcagata      180
cctcctacta ccaggggggtg tactccccgc ccattatgaa ctctctttaa gaagacgacg      240
gcttcangcc cggctaactc tggcaccccn gatcnaggac aagtggagag caagtggggg      300
tcgagacttt ggggagacgg tgttgcatag acccaaggga gaagaaatcc ataacacccc      360
cacccaaca cccncaagac agcagtcttn ttacccgctg canccgttcc gtcccaaaca      420
gagggccaca cagatacccc acgttctata taaggaggaa aacgggaaag aatataaagt      480
taaaaaaaag cctccggttt nactactgn gtagactcct gttcttcaa gcacctgcag      540
attctgattt ttttgntggt ggtgntctcc tccattgctt gttgntgcag gggaagtctt      600
tactttaaaa aaaaaaaaaa attttgtgga gttggacttc gggggtnaaa aacctatgtt      660
tgtttttnaa caagnaanca agaaggggtt ggtacttatt tggnttaaa aaaaaaaaaa      720
aaaaaaaaaa aaacntttg nngncccttn ttaaaaaact tttttgnng gaggttcggt      780
nattttaccg ttaaaaattc cccccaccct tgggtttang gaattnnan tttggattgn      840
aaatttttgg gnaccnaaan ccncccaac ctttgggaaa      880

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<210> 4682  
 <211> 1690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1690)

<223> n = A,T,C or G

<400> 4682

ccnccnann	acnnngcnnn	nnaaannnaa	nnncnnnann	ngaaacnnn	nnannnnnna	60
nnngcagngnn	ngnannnnang	cgagnnancn	gaanangacg	cannnnannn	nnngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaaaa	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgcnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgngnan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnnacccgcn	nnnanctctn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcggnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnnancagc	agccngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccttnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntatactaa	cnnananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnnngagt	cngcngannn	tcnnnnnctn	atcnnnagaa	1680
ntnctntnncn						1690

<210> 4683

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(933)

<223> n = A,T,C or G

<400> 4683

gagnaggng	ttctaantct	ggctntcagc	ccaanaacag	ctctgttctt	gcncangatc	60
cgntcgatgt	tctccantgg	accatccagc	ctttttccna	gccaggaaag	cccggntnga	120
gcanntgata	tccangaatg	ngngaggctg	ncgnggcaag	gancacctna	ggtcnggana	180
tctnananca	tcntggcnnc	atnntgaaac	cctntngnna	ctatgnannn	tcncaaatca	240
gctnngnnnn	ctggngnacg	cntgnagtgc	cagcnccang	gaggntgatg	cagctgaacc	300
cctgancgcc	ggnatggcca	agattgcnn	gacgntnana	tcnaaccatt	ggnactccat	360
cctggggcan	gangaacnan	ancntngact	cacggtaatg	taatcnnnag	gtggntggat	420
aaacttgagg	ataaaggntt	cgannatcaa	nactggaggc	aactttnnch	ggntaaccct	480
atntantanc	tanaatatat	ntggaaatcn	nnnacanggc	aatnggctan	ancncnann	540
ccttggtaan	acaccntan	ttccntaggg	gcacgcgtnn	acggcangnn	tnantcnnn	600
taanaaacc	ancgtanggt	gntaagggnt	taccannntan	tcncgaanaa	tcnacgcccc	660
cctngnat	ttcctnngcn	cttggggcaa	ncaaaaatgn	ntgaaaaacn	tcttngnagn	720
tccaatanan	cccacnanat	ttcnnaacta	tntaagcacg	cnntaanntt	ggnaaaaaacn	780



ccnaattngg naatcantat t t angggg ggacatccat ttttaaaccn t t naatn 840  
 nccccnaaaa cnatgctnt t t nngga agnnccaatn nggcataacn a t nnttn 900  
 gnngnnannc ananatccnn tctctnnntc nnc 933

<210> 4684  
 <211> 1383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1383)  
 <223> n = A,T,C or G

<400> 4684  
 cccnnncnnn nnncnaccn anccccnnnn nnacnancnc nanacngcna anaannanct 60  
 nccccnannan cnnanangnn ncncaannnc aancncnna anacnanncn nananncnnc 120  
 anancnnaca nnnannanna nnnnnncnnn cntcnanaaa cacngacnnn nnnnnnnang 180  
 nnnnaangna ggggnnnncnn nnnnnncnn ngagganncn nnnnggnagg annnggcccc 240  
 gttttttcct gaaaanagnc cttgggggna acagggcnan acantcanca aggagagana 300  
 ggcannnana gggccttttn naacangcca nncacanan gaacnnnnn aattcnggaa 360  
 aatangecga cnaaccaggc anacnactcc ngcgacgat cnccaaancn ntggggaanc 420  
 acatcnncna caacnancnt nnncccnana agcctnangn ccacnacnaa cccccncaa 480  
 ncganaacac anccccctana accnaacnca aanacanacc cacnncnnang acaacngnnc 540  
 anncnagcac cancnatncn nnnccggacc antnncngca naccaaagna caccagcnan 600  
 ancgnnanc caaacacaca gataaacncn nanagnntcc atngcataan cggaannngc 660  
 accatnctnc naancaaann nccccntnna nccananaanc attancant aacacccanc 720  
 nggtncgacn acaacngcan ngcnactaca tcncaaacac agccaacncg acncaaacc 780  
 acnacacagc ccgcgcctaaa cccttaacccc tncaanacca ttancnagac ctaacncaa 840  
 cannengnac ggncaccann nncacnccna tagaccenag nncnncanac cggagnaaaa 900  
 cnntcngggn tanananaac aancaccaac nataangcaa cngcnagna cccnaccaca 960  
 tnccccnctc anannnacc nncacgcga ancaccgagc aacannctgg gcnaatacnc 1020  
 tgcacaccnn ccgcatagc gacaaanacn ttcgcanngn nnnaaancan nmcgagcanc 1080  
 cccgncctnn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac 1140  
 atanngggna ncngcnanag agggcaaann gncacaaaac cnaaaacata ctctnmaa 1200  
 acacaaaggc cnccgacaaa anntnncacn nncananaanc catcgacac caccannaan 1260  
 aaccnnnggg acgcgcncca ntnnttccan ananagnann naccnccca ttacgagcga 1320  
 taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa 1380  
 cgc 1383

<210> 4685  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 4685  
 ctaatcnaa ncnngcntn tcgnnctnnc cgaaanaaan aggcnnngc gtggtgggaa 60  
 gcgtgcggtg ccgcagcaat ggcggcgtc acaattgcc cgggtactgg caattgggtt 120  
 tcggcttttg cgctcgggt gactcttctc aaatgccttc tcacccccac ataccattcc 180  
 acagattttg aagtacaccg aaactggctt gctatcactc acagtttgcc aatatcacag 240  
 tgggtattatg aggcaacttc agagtggacg ttggattacc cccctttctt tgcattggtt 300  
 gagtatatcc tgtcacatgt tgccaaatat tttgatcaag aaatgctgaa tgtccataat 360

ttgaattact	ccagctcaag	g	tacttt	ttccagagat	tttccgtcat	c	tggt	420
gtactctttg	tgtatgctgt	c	gagtgc	tgtaaagca	ttgatggaaa	aa	gtgggt	480
aaagaactta	cagaaaagcc	aaaatttatt	ctgtcggat	tacttctgtg	gaacttcggg			540
ttattaattg	tgaccatat	tcattttcag	tacaatggct	ttttatttgg	attaatgcta			600
ctctccattg	cacgattatt	tcagaaaagg	catatggaag	gagcatttcn	ctttgctgnt			660
ctcctacatt	tcaagcatat	ctacctctat	gtaagcacca	gcttatggng	tatatctgct			720
gcgatactac	tggttcactg	caagtaaacc	agccttttgt	ctgtgggaaa	aat			773

<210> 4686  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

<400> 4686								60
gntntttnta	agcgannngc	tacttgctct	ttgcgcgagn	ccntatnttc	naattcggca			120
cgaggnggtc	tcctgagcca	gagtgtgctc	agacagcagt	ccagctggtg	gaaagggact			180
tatggagaga	aaaagaaaag	cgatgtagaa	aaattgaaaa	gaggtacaga	nacagctgga			240
ttggttacag	ctcgggtgtt	gccttatttt	gaacagggtt	tgaacagttg	gccacctttg			300
gttgctcaaa	acttggtgat	tggcacanga	gtangttaca	gtctgtttgc	acatccnttt			360
aggttgcngt	tcactgtgta	cagagaaacc	tttaggctga	acttaaaacg	ngtnaggaga			420
cagctttctg	cttgatttaa	cagtatcacg	ggtgtgtgtt	gngaggtag	gaggtggggg			480
cncttnantn	cngtctncta	ngnntgtgtc	aacntctggt	gcagtatctg	tgcnnnttgn			540
atctnctgga	ancnctnatc	taacngactt	ggntaccang	ntnncnttt	actnantggg			600
tnnangggcc	acccttnntc	ttattnnngn	tggcanaanc	nttcccnttn	ggtnnctnng			660
naaactnttt	atgtggctct	ttgntgmnan	aaganntggc	tttttnggt	ntgnttaang			720
gttnnctntt	tgnaaaant	gctcttttgt	nnntntgttn	actaaacccc	tttttntaa			780
cccttttana	nnngntnaaa	acnnttttaa	tcnttccnat	gnnnnnaann	nttntngggg			784
cnct								

<210> 4687  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 4687								60
ggtatagatc	attctacttg	ttcnttctnt	atgcaggatc	ccatcgattn	gaattcggca			120
cgagaccac	ttaggtggcn	ccaatgnnga	cntncagann	gnacagtncn	ttnatnnatg			180
gggnngtgan	ngcntntata	tcataaatct	caagaggnc	tgaganantc	ttntgctggc			240
anntcntgca	nttgtngcc	ttnaaaaccc	tgctgatncn	agtgtnatnt	cctacgggaa			300
tactggccag	aagggctgtg	ctnaagtacg	ctgctgccac	tgagccact	ncaattgctg			360
gccncttnan	tcctggaacc	tttactaacc	atatccagg	ancntttcgn	gagccanggc			420
ttnttgnggt	tactgaccn	atggntnanc	accagntct	nactgangca	tcttatnta			480
acctncttac	cattgctctg	tntaacacag	attctcctct	gngctatgtg	nacatngtca			540
tatccatgca	acagcancgg	gagctnactc	agtgggtaan	gatgtggngg	atgctnnctc			600
ggcaagtctt	tcncatgccg	tggcancatt	ttccatgaan	acccttgga	gggnaatgcc			660
tgatcttnna	cttnnacana	aaatcnttga	ngnaaaattg	cnaaatntan	taaaccngnn			720
tntcttgntt	gngaaangcn	natgaacnca	ttggaangga	attttcangg	nnttaantgg			

<210> 4688  
 <211> 1383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1383)  
 <223> n = A,T,C or G

<400> 4688  
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 nncnannan cnnanangnn ncncaannc aancncnna anacnanncn nananncnnc 120  
 anancnnaca nnnannanna nnnnnncnn cntcnanaaa cacngacnnn nnnnnnnang 180  
 nnnnaangna ggggnnnncnn nnnnnnccnn ngagganncn nnnnggnagg annnggcccc 240  
 gttttttcct gaaaanagnc cttgggggna acagggcnan acantcanca aggagagana 300  
 ggcannana gggccttttn naacangcca nncacanan gaacnnnnn aattcnggaa 360  
 aatangcgca cnaaccaggc anacnactcc ngcgacgat cnccaaancn ntggggaanc 420  
 acatcnnca caacnancnt nnncccnana agcctnangn ccacnacnaa cccccncaa 480  
 ncganaacac anccctana accnaacna aanacanacc cacnncnnang acaacngnnc 540  
 anncnagcac cancnatncn nnnccggacc antnnngca naccaaagna caccagcnan 600  
 ancgnnancc caaacacaca gataaacncn nanagnntcc atngcataan cggaannngc 660  
 accatnctnc naancaaann nccccntna nccanancn acttancant aacaccanc 720  
 nggtncgacn acaacngcan ngcnactaca tcncaaacac agccaacncg acncaaacc 780  
 acnacacagc ccgcgccaaa cccttaaccc tncaanacca ttancnagac ctaacncaa 840  
 cannngnac ggncaccann nncacnccna tagaccnag nncnncanac cggagnaaaa 900  
 cnntcnggn tanananaac aancaccaac nataangcaa cngcnagna cccnaccaca 960  
 tncccnctc anannnacc nnacacgcga ancaccgagc aacannctgg gcnataacnc 1020  
 tgcacaccnn ccgcatagc gacaaanacn ttcgcanngn nnnaaancan nncgagcanc 1080  
 cccgncctnn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac 1140  
 atannggna ncngcnanag agggcaaan gncacaaaac cnaaaacata ctctnnaaac 1200  
 acacaaaggc cnccgacaaa anntnnacn nncanancn catcgacac caccannaan 1260  
 aaccnnngg acgcnccca ntnttccan ananagnann naccnccca ttacgagcga 1320  
 taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa 1380  
 cgc 1383

<210> 4689  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (763)  
 <223> n = A,T,C or G

<400> 4689  
 ctngttcttt tttcaggatc ccatcgatcc gaattcggca cgaggatcag atggtttaac 60  
 tnttgnggca gnnngcgagaa anctntgatg atngangaca nnttttaag aaagcaagaa 120  
 anaaagatac tatggggtca agtgtaactc catggaaatg ccacgtntgc tcttcagtga 180  
 anaagctggn tnanagtnc acngaaaact tttgactgta tntatttatt gntgcaaaaa 240  
 agacgctttt atattgcngc cctcatttgt cacctaagna tnncttctta taaaatccag 300  
 ccccgatnc atataancat ctgtanctna tcatgattcc tgntgnaaaa gtcancnagc 360  
 acctntagan gncttttctt nctatgaaag gagctgctat gncacatgtg cacacnccgc 420  
 acaactgggn atnaacaatg agtttattgn ncntggtgga ccaaaattaa gcttgcntaa 480

gggttgngct	aantggacct	g	acaga	ctctgacgcc	ttgaatataa	c	caatt	540
tggcnatttc	tctgaancag	g	actga	gtaaaatctn	tttgaaggng	tc	nggtgt	600
gaacatttgc	cnngaagcta	attagnnct	ntnngnattt	naaattcaac	ctntggngtg			660
gaatatgaaa	ccnanntnaa	acggagataa	ctttttctcc	ccncanaaan	tnaacnttgn			720
gntccntaaa	ccnttttagg	ggatncnaaa	ncnttnnnnc	cnc				763

<210> 4690  
 <211> 805  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(805)  
 <223> n = A,T,C or G.

<400> 4690							
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cccacgcatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga		120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga		180
acactgtgga	tttctttaac	cagatcaaca	tggtatatgg	aactattaca	gaattctgca		240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg		300
gactaatatt	aaaaagccaa	tcaaatgttn	tgcacccaaa	tacattgact	atttgatgac		360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtcccatt		420
tcccaaaaac	tttatgtctg	tggcaaagac	tattctaaag	cgtctgttca	gggtttatgc		480
ccataittat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa		540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga		600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt		660
tntanaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg		720
tatagactag	tggaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt		780
ggctactgat	aaaaatatnc	ccaan					805

<210> 4691  
 <211> 1197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1197)  
 <223> n = A,T,C or G

<400> 4691							
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naanttaagg	cccncctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg		120
gtcatctatc	nnnacacct	aantntatta	cncatagata	ctcaattnc	ntctctagna		180
natnnnngga	tctttntcgg	ctntnnance	nctctacta	ttactnctna	aacgtncenn		240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact		300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata		360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntntttanc	cccnatnann		420
atctntcacc	ntnnattttc	naataacteta	tctattantt	aactatctnc	tnnttcnnnc		480
nnntnnnnct	atnnnncttc	tananaecten	tcnctnnnc	tnntnnnnnn	taantcnntn		540
cnntctctnn	tnnnnnntnn	tgnnnnancet	nactaanntc	ntcnncntcn	ntnattanna		600
nattnttaca	ntctntccct	ncanctnnnn	nattntatan	tctntntncc	nnntcantnt		660
anatntntn	nctancnntc	nntaattcaa	nattnatntc	atctntcnnt	nttnancaat		720
nacaatnacc	nccanntcac	ctaanttna	tcncatacna	cncnnnnctn	tanccnnata		780
tnactncnnc	anttcnntnt	natctctnnt	tnacacactc	cnnngantat	actnntnaca		840

cttcttatat nntntacntg tttacactc ttnacntana tatnmatcan aatntanaa	900
agcatactat catcttacct nntnatat accatncacc aatcacttan tttncatc	960
tcannacanc tccacatatn actcatcnct aatatgtctc tataatnntn catctactca	1020
ntcacnnna ctctntagat atatnctata ctncancnta tatntatcna ttcactaca	1080
nantancn catctnttgn nctatacnat aattgtntct catatntntt tctcctacan	1140
nctttatctc gatnnttatc ntgtancncn nntntatcta natatnacat atcacat	1197

<210> 4692  
 <211> 1050  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1050)  
 <223> n = A,T,C or G

<400> 4692	
nntnancccc nacngctttt cntntccaat nncctaaac anaaaggggc tggggcnnag	60
cnnagaacac atacaganan anacancnaa gngnctaggt ttttcacctt ttnnacacnn	120
aaancancac gnnccgagtn ncgcagaacc ngegcnnnca gcnnncngan ncgcnnangn	180
nccncgangg ctagagcccn nnnngnnaga ggcancaacn aaccatcacc anngccaann	240
cncatncnan tcngananga ganagcaaca ccctgnatnc naacaagaac ccanaantan	300
aanccannaa gtnanaaann aganccatca nncgaanacc cattnnaccn ccccanagnn	360
cnnnnanctn anagnccagn accnnacnnc caancccnnc cgacnaaach accnctaca	420
nncgaatncg naanntccan gaccanctca nncntentcn annngcnctc nnncanntnn	480
accnnaant gccannchn tcccananc nncntncca aacntnanc ccacnccata	540
gccanccaag aaccnncaaa cncctnccgnc anntcgatnc ncatnccac cncctgcnat	600
acgnntnanc acntcacaa ncacgccaaa accnnannnn ncanaccga cnggacancc	660
tcnctacgcc nangnaatcn nccnccact cactcacctn nctacntac atnagtnaaa	720
nanccctcat ctagaccaga acnncacta tctacnactn annctnnana gacacagnca	780
caatcntnan actnacacga tcncanacac cccaactccc ncagcaaang ctnnncnatca	840
nncactcatn cnaactnta ctaaactgtn nntcacagn gcgnaccana annngcnata	900
nacatncan naaanacgna ccnncgatnt ctncactann acncaagtnt cnnntcnntn	960
nncactcaan cacnctanga nnnnatgcgg tactcgnaga aatctcngcc catagncnca	1020
cacannancc ccctacgcac anntcnccc	1050

<210> 4693  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 4693	
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taagtattct aggatctaca gttatggtea ttcagtctcc aaaggaagag gagattgaga	120
ctttaaatga aatgtctcac aagctagggt atccagggtt tgtggtcttt gcaacccttg	180
tggtcattgt ggcttgata ttaattctcg tgggtgggtcc tcgccatgga cagacaaaca	240
ttcttggtga cataacaatc tgctctgtaa tcggcgcggt ttcagtctcc tgtgtgaagg	300
gcctgggcat tgctatcaa gagctgtttg cagggaagcc tgtgtgctgg catcccctgg	360
cttggtattct gctgtgagc ctcatcgtct gtgtgagcac acagattaat tacctaaata	420
gggccctgga tatattcaac acttccattg tgactccaat atattatgta ttctttacaa	480
catcagtttt aacttggtca gctattcttt ttaaggagtg gcaagatatg cctgttgacg	540

atgtcattgg	tactttgagt	gctcttta	caatcattgt	gggatattc	tctgcatg	600
ccttttaaaga	cgtcagcttt	agctagcaa	gtctgcctgt	gtcttttcga	aaagacgaga	660
aagcaatgaa	tggcaatctc	tctaataatgt	atgaagtctt	taataataat	gaagaaagct	720
taacctgtgg	aatcgaacaa	cacactggtg	aaaatgtctc	cgaagaaatg	gaaatt	776

<210> 4694  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 4694						60
ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	120
acattttcct	gtttttcttc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	180
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	240
aatttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	300
tataaaggaa	ggaggtttta	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	360
tacaattatg	gtggaagggg	aagcaaattgc	cctacttcac	atggtggcag	gaaggagaag	420
aatgagaacc	aaatgagggg	gangcccctt	ataaaaccat	cagatcttgt	gagaacttac	480
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	540
cccaccatac	atggagatta	taggaactac	aatttacgat	gagatttggg	tggaacaca	600
gccaaaccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	660
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	720
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	768
tttggacaaa	ccacactaga	tgcagggaaa	aaatgttttt	ttgtgaaa		

<210> 4695  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 4695						60
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acattttcct	gtttttcttc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	180
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	240
aatttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	300
tataaaggaa	ggaggtttta	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	360
tacaattatg	gtggaagggg	aagcaaattgc	cctacttcac	atggtggcag	gaaggagaag	420
aatgagaacc	aaatgagggg	gangcccctt	ataaaaccat	cagatcttgt	gagaacttac	480
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	540
cccaccatac	atggagatta	taggaactac	aatttacgat	gagatttggg	tggaacaca	600
gccaaaccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	660
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	720
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	768
tttggacaaa	ccacactaga	tgcagggaaa	aaatgttttt	ttgtgaaa		

<210> 4696  
 <211> 764

<212> 'DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(764)  
<223> n = A,T,C or G

<400> 4696  
ntantaaatc ccttgctctt gttctttntg caggatccca tcgattcgaa tncggcacga 60  
ggaccggcg ggcgggacag gcttgctgct tcctcctcct nngactcacc attncaganc 120  
agaanntgaa aaaatggng anctcaccca ggtaanggat gatgaagtnt tnatggctnn 180  
tgcatactat gcannanttn tncttntgna aatgatgcnt atgagtactg taanngnntt 240  
ctatncattg ncaagaang ntnttgncaa tncatangac tgtgtagcat tcggcanagg 300  
agaaaatgnc aagaactatc ttcgaacaga tgacanagtg taacgggtac gcagagncca 360  
cctgaatgac cttgaaaata tnattccatt ncttignaatt ggcatnctgt attccttgag 420  
tggtcccgac ccctctacag cnntcctgta ctttagacta tntgtcggag cncggntcta 480  
ccacaccatg tgcataattg acacccttt cnatccaaa tatagctatg acttttttn 540  
gtaggatatg gannactctt tccatggctt acacgntgcn gtaaagtaaa ttggccctgt 600  
gcagaaaaac attccactca gtnttccaan tggcttntta aggaattctn gaccttgcaa 660  
ttnatantgg agnnctttcc ttaagattta aaggtttgan ggngagccnn aggaattntn 720  
aaccnggggt aaaccctttt tggaattttt agcnttgnca anaa 764

<210> 4697  
<211> 744  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(744)  
<223> n = A,T,C or G

<400> 4697  
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gcggggcggc gcagcccagag ctcccggacc cggaagaagc gccatctccc gcctccacca 120  
tggagcccac cgcaccgtcc ctccaccagg aggacctcac tgaagtgaag aaggacgtga 180  
gtaacgcagc tgtgcccagg gcgggcgggg gcgggctgca gccagcggg agacgaaagc 240  
ggaagcctgg agtccgagga caaggaggat cctccaggtc ggaggagcgg aaagtcctag 300  
cacaggagga ctgtggcgag ccctgcatcc gagggacctt ggtggcagt atcctccagt 360  
gatctgtcaa tccaggtttt acatcgctaa acgcagagct tgggctttgt tgccaagtgg 420  
tgttttgatt cttgcccact cctcacccat ctctcatgc tttcccccca actgggttct 480  
tggagatgct tcgttaggga ctggcggtc agattcatcc ttaagtcagg ctgcctaggc 540  
tgctcactca gcctagagcg aagctgtacc aggtgaagga tcccaagcag tggacaaaa 600  
atgtgaaact cttttgcata anggggcttg aggaagctca acagctgaaa gcacaacctg 660  
gaattcccct agtnagcaga cgccacata tttaaattgg ggttggggga atgaatacnc 720  
gtactgagaa taatgtncag gtaa 744

<210> 4698  
<211> 1224  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1224)  
<223> n = A,T,C or G

<400> 4698

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atcgtttcga atneggcneg agacgacacg cttctgcagg tgaanggcac gggcgccca 120
cggttncttn nagctgngnc gtatgaagct ggatggnggc nntgnggana angtagngct 180
tgatntgcta ataagaaatt tcttgaaaaa gagactagct ctcaacgcat ccncngngc 240
ggncggcttc cnngcnncn gacaannanc tcgncaggng ccngnatncg gancantnct 300
cncanaacaa gggcgctggc gccaaagaata gacaangngc ggcattggcca acnaaacgg 360
tggectncgn ctggcaanga angtgaagaa ggcngtcann ncnaagnnta nccaaantgn 420
cctatgncn naatgttgag ctctntnaaa attcnntanc ttntnnnan tgnnnaanta 480
nencacanca ggttttcatt nnacncanta ntannntnct nnanganct nncattagn 540
ccatntntnt tacattnaat tccaatncng tnttggttg nncgccact tgcnttctnt 600
annctgcnn ncttcnncn cgncantnnn ngactgtnat cnttngtnnc tactcttnt 660
gcattncntn cntatcaacc ccaattgcc nntnnaatta ancganttc tctcattcg 720
ncatnnctc nctantattt actcgnntct acnanttnac ccaccgtnt tannngctnt 780
ntntntaaa ccnctctn antccnaca tacgcnatnt tttacacacc tnttntctc 840
nctcnggcta tanngacccc ntacattatc tcatctcanc tctnatacnt gtcncttat 900
cngngntatn ctnttctatc gcgncnnatc nnacggctc acatnttng nctcncnt 960
nnatnnantc tacacacttc tcnntcatan tgtctcaaaa actngnanct actcttnact 1020
tnnaganaat tntatctnnc catactcatc tnttcatagc gaatctntnt acntctggta 1080
tcncnctct gttagntngg acattcttc tngtctctt nncntatnaa ccgntatgtg 1140
nggtntattn tcnaatncn ctntntccan ntttatcatt nggtttcccc ctntngcnn 1200
atantggng acacantngn tnnt 1224
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<210> 4699

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 4699

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ccaagtagct gggactacag gcacgtgcca ccacaccag ctaatttttg catttttagt 180
agaggcaggg tttcatcatg ttggccaggc tggctcmeta ctctgatct caagtaatct 240
gccactttg gcctcccaa gtgctggcat tacaggaatg gagccaccgc gccagcctg 300
atttcttttt ttaggtcttg tcaggaaaga tattgattct tttgattcgt gaacatggtt 360
tttggtcgtc ttaattttgt ctcatcagtg cctccatgtg tttttgatgc ctttgaactg 420
gtatttttaa aatttcaatt tctaattgtt cattatagaa acacaattgg gttttatata 480
ttggcattgt attttgcaac tttcctaaac tctactagtaa ttctagtagc ttttttgggt 540
agattcttaa ggattttctg tgtaaatagt catgtcattt gtgaataaag ccattttttt 600
ttccttttca aattttgtgc cttttatttc ttattcttac catatcacat tggcaaagac 660
ctncagtatg atattgaata aaagtgggtg gagaaaaaca nannttatnn tnnnnnnnt 720
cnnnnnncnn ncnntnnct ncnancctc cncnncnn nnnnnntcct tacnnnnnc 780
nnccccctt ttaanttnn nnn 803
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<210> 4700

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)



<223> n = A,T,C or G

<400> 4700

gngnnnnnc	ntttgaaatc	tntatacanc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgaggttc	gtcgtggcaa	cgttgctggt	gacagcaaaa	atgaccacc	120
aatggaagca	gctggcttca	ctgctcaggt	gattatcctg	aaccatccag	gccaaataag	180
cgccggctat	gcccctgtat	tggattgcca	cacggctcac	attgcatgca	agtttgctga	240
gctgaaggaa	aagattgatc	gccgttctg	taaaaggctg	gaagatggcc	ctaaattctt	300
gaagtctggt	gatgctgcca	ttgttgatat	ggttcctggc	aagcccatgt	gtgttgagag	360
cttctcagac	tatccacctt	tgggtcgctt	tgctgttcgt	gatatgagac	anacagttgc	420
gggtgggtgtc	atcaaagcag	tggacaagaa	ggctgctgga	gctggcaagg	tcaccaagtc	480
tgcccagaaa	gctcagaagg	ctaaatgaat	attatcccta	atacctgcca	ccccactctt	540
aatcagtggg	ggaagaacgg	tctcagaact	gtttgtttca	attggccatt	taagtttagt	600
agtaaaagac	tggttaatga	taacaatgca	tcgtaaaacc	tttagaagga	aaggagaatg	660
ttttgtggac	cactttggtt	ttcttttttg	cgtgtggcag	tttaagttat	tagtttttaa	720
atcatncttt	ttaatggaac	aacttgacca	aaaatttgct	acagaatttt		770

<210> 4701

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4701

ttncatcagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	cgagggagga	60
cgaggaggag	gacgacgaag	aggaggagga	ggaaaaggag	gtggaggagc	agcagcagca	120
gctgcagcag	ctaatatgtt	gtacttattc	tgtgctgggc	aaaattctgg	atatttttca	180
tgtactatth	aagcctcaca	aaaatcttat	gatataggaa	atgcttggtt	ccatttggca	240
catgaagaaa	ctgaanaaca	gagaaatgtg	aaacttgccg	agggtagtct	gtccagagtc	300
tgtattttta	ctactgctgn	gttgccctcc	attgcatagt	gacttcacgt	gtatagggtg	360
ttttatcatg	cgaggaaata	tttgagtata	aactgtatgt	ggtacaaatc	attttttcca	420
aatgggaata	cagtgtgttc	cctaaaatta	atgaatccaa	tataattcca	cctaanacaa	480
ttactgagtt	ttttctttgt	ggttgcaag	cctaactcat	cccatttccc	tccctgtcac	540
ttttcatttt	taggatttgc	atcttcatat	ttagtgaatc	tttgatctaa	tagntctggc	600
tatttaatat	tagtttttaa	acatctttag	caccgtcttg	gtanctttat	tcctttcttt	660
ttacctagac	agtttctctt	aggacaaatt	ctttttgttc	cacttctctt	tgatctgcta	720
tccaccatc	tcaaattatc	aattttcttt	ctgcac			756

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4702

tttnnaannnn	tcangctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggtgtcaaaa	tttcttgta	ctcttgctca	aaagtgtcct	gcagctaagg	agtncttcaa	120
ggagaattcc	caccactgga	gctgggctgt	gcagtggcta	cagaagaaga	gtcagaaca	180
ttactggaca	ccacagagta	atgtctctaa	tgaacatca	actggaaaaa	cctttcagcg	240

aaccattttca gctcaggaca cgcgta tgccacagct ttgttgaatg agagca	300
atcaggaagc agtaatgggt cggagtag tccctgccaat gagaacggag acggcatct	360
acagcagggt tcagaatctc ccatgatgat tgggtgagttg agaagtgacc ttgatgatgt	420
tgatccctag aggaacatgc ccagcctgag aggagtcaag acacaatact ggatgctcag	480
caccttcttg gaatcagaat ctggaaccct ttggaagagc ctggagattg gactgggaaa	540
gctgctgtga cttgggcgga tcgtgtatct ctcaaggaaa gcatttttaa gccctagaag	600
gtttgggagc tgtttggcag tgggagaact ccggcatgtg gatcaactgt cccgggagcc	660
tggtctatat gtggattcac atttctgtgg agattttcng aaatgaacct gtggcagact	720
tttttggttn cacgaacntc cagaatgagc cttaaagctn	760

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4703	
gnnnnnnntt tgananccat cnntttaaat ncattttgct actngttctt tttgcaggat	60
cccatcgatt cgatcagtat gaactcttaa aacatgcaga agcaactcta ggaagtggga	120
atctgagaca agctgttatg ttgcctgagg gagaggatct caatgaatgg attgctgnga	180
acactgtgga tttctttaac cagatcaaca tgttatatgg aactattaca gaattctgca	240
ctgaagcaag ctgtccagtc atgtntgcag gtccnagata tgaatatcac tgggcagatg	300
gactaatatt aaaaagccaa tcaaatgttn tgcaccaaaa tacattgact atttgatgac	360
ttgggttcaa gatcagcttg atgatgaaac tctttttcct tctaagatng gtgtcccatt	420
tcccaaaaac tttatgtctg tggcaaagac tattctaaag cgtctgttca gggtttatgc	480
ccatatttat caccagcact ttgattctgt gatgcagctg caagaggagg cccacctcaa	540
cacctctttt aagcacttta ttttctttgt tcaggagttt aatctgattg ataggcgtga	600
gctggcacct cttcaagaat taatagagaa acttggatca aaagacagat aaatgttttt	660
tntanaacac agttaccccc ttgcttcac tattgctaga actatctcat tgctatctgg	720
tatagactag tggaacaaac ttttaagaaa acagggataa aaaagaaacc cattggctgt	780
ggctactgat aaaaatatnc ccaan	805

<210> 4704

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4704	
gttnaganca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cagcaggggt	60
attaaaaatg taatcagtgt gaaaattcat gccatctgaa tcgtacnggt atgtaaggga	120
tttgagttcc ttacagaatn ttctgtaatt tannacttca agtgacttat aaatgtatat	180
acttctctct cacaaangtg ttaggagaag gaaaatctna aatactngct tgatttctta	240
atttaataac ataanacaat tctcataaca tgtatcacct aacatgtcac tttcacttta	300
aaagtctaaa gagttgangt ttaatntcttt tcttttaag ttgatgntta tgttggtgat	360
ttccnaaaag atcagatccc ccgntatgaa ggatcttaac cttgtctttt agatctccat	420
gagaaatgca gtacatgtag cattagccat attncttttt tagaggccta tgtaggat	480
ttataacctg taaaagtttg atgacttcat gctcaggaga aagcaagtaa ttacctagcc	540
aagccagggt ggtgttcagg ttagtggtca acagaaagga gatgttgaaa gatttcatat	600

ctnaagggtgta aaaacacaag aatat agagataaac atgtaaagtn tctgta  
ccatagtaag ctaccttcga agcagcccc ttgttattat ttttctg

660  
707

<210> 4705  
<211> 845  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(845)  
<223> n = A,T,C or G

<400> 4705  
gngnngtnnn nnnttttcna acgttggttaa catacagcta cttgttcttt ttgcaggatc 60  
ccatcgattc gaattcggca cgaggnnang cngttctgcc nangangcat nctnccncng 120  
anatgccacc nnnntgcntg ntnaccnna cgnnncacac gnctacctgn gggacatata 180  
cttcatgcac nggttatgnc cntaccatga annccactg acancnnaac nngancngnn 240  
tggtgannac atgaataacc cactgnacna agaacntant ggaatgntan ctnnntatgt 300  
ccttnttccn gnggaaggag nggacaacnt ttancaagtn ncagntccaa ancnaacnna 360  
nccaantata ntnaaantna gngctgccan tttngtggac nccttgcnan atnnnnanng 420  
ctctctnnaa ccgntngaaa ttttncataa caccatagtc nccatgattc tcattgntgn 480  
aagacantca ttcnatntac cagatnnatc ttggngngcnt ntntncnngc atnngnnnca 540  
ctaaaaactg ntntnctaac taaataggat ttntnttttn ttatacnngg anaaaatgng 600  
agttgtgccn naactntcat nngcgatant tacannaant tgtacttgnt aaatctaaga 660  
atctaatacn angacttaaa aanangccn ttagaactat agggagtcna nttacgtcta 720  
tnccnacatg nattgatnca ttcacgactt ngtcocaaacc anatntntaa ttcctgaaan 780  
taaagtntnt ntttngnana anntggaaaa gcttcncaan nttntaanc ctaaaaccng 840  
gntnn 845

<210> 4706  
<211> 775  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(775)  
<223> n = A,T,C or G

<400> 4706  
gcaaccgntg gctacttggtt ctttttgag gatcccatcg attcgaattc ggcacgaggc 60  
aaccttcgcc tcttggttc aagtgattct cctccctcag catcccaagt agctgggact 120  
acaggcacgt gccaccacac ccagctaatt tttgcatttt tagtagaggc agggtttcat 180  
catgttggtc aggttggtct caaactcctg atctcaagta atctgcccac tttggcctcc 240  
caaagtgctg gcattacagg aatggagcca ccgcgccag cctgatttct ttttttaggt 300  
cttgtcagga aagatattga ttcttttgat tcgtgaacat ggtttttggt cgtctttaat 360  
ttgtctcatc agtgcctcca tgtgtttttg atgcctttga actggtattt ttaaaatttc 420  
aattttcta ttttcattat agaaacacaa ttgggtttta tatattggca ttgtattttg 480  
caactttcct aaactcacta gtaattctag tagctttttt tggtagattc ttaaggattt 540  
tctgtgtaaa tagtcatgtc atttgtgaat aaagccattt ttttttccit ttcaaatttt 600  
gtgcctttta tttcttattc ttaccatata acattggcaa agacctccag tatgatattg 660  
aataaaagtg gtgagagaaa acanannnna nnnnnnnnnn nntnnnnnnn nnnnnnnnna 720  
ntnnnncnna nnaaantnnn nnnncnnnat ncnnnnnnnn cncntttggn antnt 775

<210> 4707  
<211> 1102

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1102)  
<223> n = A,T,C or G

<400> 4707  
gggnttcccc ctnnnaaccc nttggaaaanc cnetggngct nentgcagga tcccagcnat 60  
ngcactgagc nntgnggccc acggcngagc cntttttcng cgagacgngc ccnncanggc 120  
nccggggngc tegtgtctgn naggcnatgg gnagcannna ncncaancgg cctnccnana 180  
ccagagnnnc anaacgnacc nagnnngtgg gcncncccta ngtnaggac anaatananna 240  
nnentancag ctgntngggc ncgcannaan ggnananannn caggcccn cn aanntaagct 300  
ncnngaanca cncgntntat acncccnana naagnncn cn ngntaacaac gccaggcgga 360  
gcnttcgngg anananccac gagngncccg cctaaggaaa tggncgccna nancagnacc 420  
ccgaanaana gtantngngg tnnntaancc gagngaactg gacaggcggn acgcaccgac 480  
atngggcnaa anagaatcgc ctnggngnca catcgngnna cnagnganaa cgtncaacgn 540  
acanncgngc acccnntnnn acnngtcana cgaaacnncn cncgcatntg agagcncggc 600  
gcnetcnetg caaggggngg cttcnnnacc cccgccnaaa nanttnnnag aaatcccnc 660  
nagacgtntt ataccnaga cacnaccnng accnngcggn gcantagtcg nanagagagg 720  
ctnggtagnn ananncantg cgcncgnntc ccnttcggcg cncnanaana agcccagcgc 780  
tntngaannng tggcncnccn ntgngnncgc gcnagnacc cnggtggcga aaacacnggn 840  
angngccnnt nnaacncan nggggggggc nanaaccggg ggggaaggcg tnaccngcan 900  
aangngaaa acngcccaca nttnnnctcc gccnggcant ancccnnga acatcgnggn 960  
gcannncccg gcannngccc cggccaggcn ggcgnnnccc aggnanntta cgnaccggan 1020  
ncccggnncn acnncnagg ncccnanacn nnggnaccnn ngncnggngg gnnacgatgg 1080  
ggncnngcnn gnnctgccc ca 1102

<210> 4708  
<211> 855  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(855)  
<223> n = A,T,C or G

<400> 4708  
ggtgcttccc cctgngaacc cttntacag gcnacttgta nttntgcan gatcccatcg 60  
actcnaattc ggcacgagg catancccg aatngngttt ttgatgcac cagtcgtggc 120  
attgcaagaa gtctgtctga tgaagctcgg gaagcatttt gcaatattcc cttnggctgn 180  
gttctgtgt tccctgctcc cacttatctt ccctgggtt gtgattatta ggagagagg 240  
tntgcaaaga ctcnntgctg tgaaagaatc tttnttaat tnttatccta nagtcantca 300  
cttttattcc aggnagtcat gctgatctac ttatccaaag ccagcnaacc aggnatcatc 360  
taccatctc atggaagact gtgtgtatga attggagtaa cagaactgaa ntacacttaa 420  
ncagtgcag cactacttcc cagggtggg gccatattc tctgngtcc actctgagca 480  
acttctcana gatacgang ggctagggtt tcccatntg gggaaatgg gtgaaagnct 540  
gcanatngnt aaaagcaaat gttngaacca ncaataaant agatnnntcn ncatngnca 600  
atnnngcact antnacnnnn ntnganannn cgtanntnnn ctncgncnnc tnggnagtnt 660  
cncnnggnc tctnnattcc tcgnnannng atcngcaatt ggnannttca nnatntggat 720  
nnacantat ncgtgancna atnaacntac nntgngngt acnacnacnn tnactatcnc 780  
atacgcntc naaaancgat ntcacgtntn cacnattngn anatatcann ttntctnnc 840  
ttgntctatt naccg 855

<210> 4709

<211> 843  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(843)  
 <223> n = A,T,C or G

<400> 4709  
 tnnnnnttta nttttaatat actncagctc ttgttctttt tgcaggatcc catcgattcg 60  
 aattcggcac gaggaacatt cggactcgag ataatcgctg ccttggggag tgggacttgc 120  
 ctgagctgtg cagcgactgg tggagctaca gaacacgagg gtcccaaagt ccgaagaaat 180  
 tttctgagcc tttgtacata gatgaggcaa aaacctgcga gtgccatcag cctccctcac 240  
 atgggagacc ccaaccagc tgacaatgtg gagccccag aacttcagaa ctggtggagg 300  
 cacatgtctg ctctcctgaa aagagacttg gtttggggac ccacaaaag gagggaagct 360  
 gtagctgttt ggatgtgagg agaataaaac tacaaaaaaa aataaattgg gccaggcgca 420  
 gtggctcatg cctgtaatcc cagcactctg ggaggctgag gcggacggat catgaggtca 480  
 ggagatcaag accaccctgg ctaacacggt gaaaccctgt ctctactaaa aatacaaaaa 540  
 attagcccgg gcatggtggc acacgcctgt aatcccagct tcttaggagg ctgaggcagg 600  
 anaaatcgct ttgaaccnng gaaggtagaa ggttgcantg agcttgaaaa ttgcgcccac 660  
 ttgcaccccc cttaggcgac aagaaccgaa gaacttttgt ctnttaaatt aaattaantt 720  
 aanttaantt aanttcccaa cctgggggna aaaaanannn nnnnnnnnnn nnnnnnnnnn 780  
 nnnnnccctt cganccttnt taaaaacttn ttagnggagg tcggtnttta ccgttaaaat 840  
 ccc 843

<210> 4710  
 <211> 1501  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1501)  
 <223> n = A,T,C or G

<400> 4710  
 nanggagcaa ggccagggtt tnnnncngnn ctaannnann tnnagaaacn acggcttttg 60  
 nggtttanng gncnaaaaaa ccccncaat gcaggcncca gcagananan aaggagnccg 120  
 cncggggagg nggnaanana nnnncatana ccngacgaga gngganacn nntaacagaa 180  
 gacacaccan aacacnngaa cncancacaa agantcncan acctaannng cgacgaanac 240  
 ncnacacntn tttttttt cnaanaana cnaaannag agngaacgca nnannagnac 300  
 acnnacnacc acgaggggga gangnacnan agagnnggaca acaagagaag aaanaacaan 360  
 ccaacacgcn cngaacaaca acacccccng acancacaan aacacananc gcaccaaaca 420  
 ataanatcag aganacacac agaccaacan aacacncaac acnngcnaaa ancnaacgaa 480  
 gnaaanncaa acaacnaaan ccacaacgna gancannnac nacacaagna aaaaaatnna 540  
 nnanaananc aaanncanaa accnaaaaaa nncacanana acananaatn cnnaancnaa 600  
 ccaancnaca nnannanacc ncacagnant aanaaanaac ngnnacanaa nnacacagag 660  
 acanacacac natacnaca ccanacaaac caanancnga canactacnn aanannnnna 720  
 ncnaaacanc gacanagnna nacaacaaaa gnacacgnaa ncatncncac nanagcanan 780  
 nacgnataac accgnangag aaagatacnn acatnaanan ctanaaacgc ataccgngcg 840  
 cgncatanaa nagnacnnan ananataata gcaanaana cacnnaagca naaacaacac 900  
 angncaacaa naacaaaaag anagaatcnc acagacagng cantnacgca cacaactaga 960  
 cacacaagng anacaacgac acaanataga taagananag anagnnnnag aaaacncaca 1020  
 cganacncaa cacgaannac aganannnac cacnnaacac aangagcacc nacanacacn 1080  
 ananananca ccanchanna nnnaanana gacacaaa cncnatatac annnaagacn 1140  
 acnncacaca nagatanaaa naanagnnca ccgcagnnaa acaccacgac aggaacanaa 1200

nnncnnacna	nananngaaa	nanng	aggggaagcaa	angaaannaa	c	tangn	1260
nggaacacaa	anaanancan	anccatna	aaganaanna	cannaacncc	ng	aaaaan	1320
ggaaacacan	aancanaccg	naanaananc	nnncnnanana	nnacaaaanc	accntagaan		1380
cncanaanac	ngaacnaaac	acaacnnnan	canacaaccg	aatnaaanmn	ncancacaaa		1440
tgnntnanac	caaaganaac	nanancannn	caaaacnaca	cncncgaagg	ntnnnaacnn		1500
g							1501

<210> 4711  
 <211> 806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(806)  
 <223> n = A,T,C or G

<400> 4711							
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agaatagtag	aaaggggtccc	cattcctgct	cagcacnttt	cctctctacc	ccccacaga		120
cacacatgct	gacacacaca	tgcnagacaac	acncatacac	acacatgcag	gcactcacat		180
gcaggcccat	gcacacacac	gtgcacacac	atgcaganac	atgnagacac	gcaggcacac		240
atgcacanat	gcaaagacan	gcatgcangn	acacgnagan	gcaacagaga	canacatgca		300
gattcacatg	cacacacaca	tacacacact	ggncctgtt	tttctgtggn	gtcactgggt		360
gccagnaact	ctgtatatta	cacctancac	taaaacctgg	gccttaattt	ctctcccgtc		420
cccacccta	aattcctgat	ggatgaacct	aagaacttnc	ctgtacactt	caagccggac		480
tgacgtagcc	tatgggcca	agnagggtcca	gngccnacgt	tttaatttct	ttntaaaaag		540
ctttaagtct	tgctgggcgc	ggtggntcac	gcctggagtn	ccantatttt	tgnggaggcc		600
aaagcngntg	gatnacaacg	ngcactgggt	cgngancanc	ctgaacaaca	tgggggaaaa		660
ccctggtttt	taattggaaa	tacaaaaaaa	atnngcttgg	gccanggtgg	anaggcacnt		720
tgtgaactca	acctccaggt	tttttggggc	canaaagcat	acccccacna	ngcccaattt		780
aatttnttaa	aggaatcct	tggtag					806

<210> 4712  
 <211> 695  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(695)  
 <223> n = A,T,C or G

<400> 4712							
agattaaaga	ggaaagcaga	gactgggttag	gttattatag	tgctcctaggt	aacagttttg		60
gacaagtgtg	ataaatgttg	aggtgggagg	ggttagaggt	tggattcaga	ctctgttttg		120
taagtagaga	agataatgtc	tgctgatagc	ttggatatga	ggaggaaaag	gagaggagta		180
aaggatgact	cagatttttg	acctgtcaat	tgggtgaact	ctgagattaa	attctgtttt		240
ggctatgtta	ggttggaat	gctgtgtagg	caattggata	tccaagtctg	gacttcaaga		300
gtacaatttg	ggactagaaa	attaatttg	gagtcattag	ggaataacca	tgactttgga		360
tgagatcacc	tagtacagct	agagaagaga	aggtagcaaa	agacaganac	ctaaggtag		420
ccagcattga	ngaagtanag	gagaaganga	nccatccnnn	ngactgncaa	ggacccacca		480
gttgacctta	gaagaaaaat	caggagctgg	tattctggaa	accatcngaa	gaaaatgttt		540
cacaaanagg	gaagtagtat	tgaatgggtg	naaatgttac	ctatattcct	ggnaaaaaaa		600
ccacttcanc	tgctttttta	agtaaagtgt	gatantttgt	actgcaaata	nctttccata		660
ntncttttca	aaacatgnta	ttttnggncc	tttaa				695



anntagccta	cgccaacgan	a	cncta	nancctacga	caccnntcac	n	ctcac	1080
cgtacccnc	cngntctnch	ct	ancgac	ngaancgtm	cacgncanc	ac	actcg	1140
agnantcaca	cgnnacacct	ncacgantac	tcgncaccn	nnanntnac	nccactngan			1200
cgcattctct	cncctaacna	cacnacntac	cncacctcac	nccatatcca	cnetcaccac			1260
tcacacanna	ganaagnnna	naccgtctc	agcacntact	cactancncc	ncaacncnca			1320
ccacancnca	nacgtnanac	cnetcngcgn	ctcacannag	cgnctgnnct	gcnntctccc			1380
gnatanntc	gcacntgan	cacncanacn	tntccncng	ccccacgact	gagcncnch			1440
tctcnagacn	ncanccactn	tcnacacnnc	nngacgcanc	tacngcncca	ncncannnct			1500
nanngacnca	cngtccann	ccc						1523

<210> 4715

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 4715

gttatnancn	gctcttgttc	ntgctnctgg	atctttttgc	aggatcccat	cgattcgaat	60
ncngcncgag	tntaggnntg	anccattgna	cccagccnag	gttnttaata	nnannnanag	120
cntgctgntn	tnaaaagtga	aaagaggcca	gntgtggtgg	ntactgnctg	nggtcccagc	180
tntccggag	gctgaggcat	gaggatcatt	tgngcccagg	ctgcaatgca	atggcactga	240
tcacggcttt	ctgcancctt	aacntgctgg	gngggacacg	gagtaccctg	tttttnaang	300
aanantgcag	agtacnccaa	ttgnatatgn	tatataannn	caactntcnt	aaagganctg	360
tatatnnaat	gagtgggaanc	aaatntggca	nacnnttaat	ngnacatatn	ttgaaactan	420
agctcnttac	acttctttga	nctacaacgg	gtatatgtcn	tacttanatg	atgcacaaaa	480
gggtgcacat	atatatatat	gttnttgacg	nnggttntga	nagagtttca	ctcttgcnch	540
cannctggag	aatgtacnga	actganatng	gngaaatgtc	tccancnggg	ngatnnagat	600
nnactgggct	ntcgtggaag	aatggtgtnt	accnnaaaat	ttggagcctc	tttaaacnan	660
tgngaggagc	ntttacntng	gttccccaaa	ttgtngaggg	gncntttggn	gantttnnnc	720
cnnncc						726

<210> 4716

<211> 1554

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1554)

<223> n = A,T,C or G

<400> 4716

ccaccncnch	ntnnttnatn	nnncctnch	acctcnnnnn	nncnnngggn	nantngcnch	60
nnnnnnnaag	nnnctnatg	aactnaataa	ganntngctg	gtctgaaatn	gcctaactng	120
aatagggnct	ggggggggnc	nnngncnna	ggntnatnnc	gtntccagtg	ntntngnnng	180
ntctcggnn	tnnntntaac	tatnnntnnn	nanccannan	anngtcgngg	gntnnnnnat	240
ntnnnnntn	natccannna	ncacanntcc	ttctnntcan	tccnannaac	ctcntannnc	300
cantccccta	tnntcganca	gnnnnnccca	cngntnnnnn	ngtcnnnann	nnnaancnan	360
nattcagctn	nnacnntann	ntaacttnnc	cngcaanga	ncnccntct	cctcngntcn	420
accggcnng	nantncnngn	tcancannta	tntnnntnt	ntctatcct	nnnctntntc	480
tagannannn	nnntnctach	nnntncaann	cancnnncca	tanantantc	cnnctcngnn	540
ctcnnctctc	anncgngnac	tntncnngct	ncnnntatc	tntntcnac	nncacnctat	600
annnnntctn	anantccnnn	ttcnacnch	nctnatcnch	antgcctann	cnnnccnnc	660



nnnatgtnan	ncannatnct	nnnnnngn	ngcnnnctnn	tcannnnnca	nnnatca	720
catntnctn	tnnangannn	nnntntcc	nnancatcna	tctncanctc	tnnnntntn	780
cnntatccgc	nnnnnancct	ntntacnnt	ccctncatan	antanacnnc	nctntcctca	840
nnnnnnntn	antcnntatn	cnnannnnn	ctnctctaca	cncgcnncng	cntcnaactn	900
cncnctatcn	nnnnaanntc	ncanctcatn	acctcncctn	tnntnnntnc	nacncatnt	960
atanacnnan	actctctntc	gnctatnnnn	gncnntctnc	acagtatncc	nctnnntntc	1020
ntannancga	nctccnncn	atataatcac	tnnacactnt	actcnnantn	cttactntnn	1080
accnctctnn	catccnnntc	ncctctnnnc	tcatatntgn	ntacnntnna	ncatctctcn	1140
cancancnna	ntacacnncn	natncntann	ncanantnnc	ntncannncn	tcnnctnntc	1200
ngtnnnnctc	ncactctnca	catatatnat	ctanctnacn	cacncctnnn	tnnnnnntnc	1260
tcannnctcn	cnnntctatn	tgctatacat	nnccctnnta	ncantatcca	nngcccnac	1320
natanctcan	ntatctctn	cctntnancn	ccctncntcc	tentcanacc	cancttactc	1380
tcttantnnc	acnctntnnc	tcnccnncn	tnntnatccna	acnncnncta	nttncatcca	1440
ncnctccgta	tancctccnt	nnnncnngc	cncccecnta	ctnctctcan	ntgnnccnt	1500
ntnncatntc	nctntcnnc	caccctctcn	cnnngnccnt	tnntnanncc	ncct	1554

<210> 4717

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 4717

tttacatata	gctcttggtc	tttttgccag	atccctcgat	tcgaattcgg	cacgaggtct	60
ctgcaaaaga	cccctccgac	ccgagtgttc	gtggaactgg	ttccctgggc	tgaccggagc	120
cgggagaaac	acctggcctc	agggagagag	acgctaccgg	gcttacgcc	ccccctctcc	180
tcaacacaag	cccaaactgc	taccgcgag	gtgcaagtaa	gcggcacctc	agaagtgtct	240
gcggggccctg	accgggcgca	ggtggtggtg	cagtgcagc	caccaaggag	gcggcagccg	300
aggccaaaaa	gagcgtttgt	cgccgtctag	attacatcac	gcagagcctc	cagcagcagg	360
gcgtgcaggc	agaaaatata	actgtgacaa	aggatttttag	gagagtggaa	aatgcttatc	420
acatggaagc	agaggtctgc	attacattta	ctgaatttgg	aaaaatgcaa	aatatttgta	480
actttcttgt	tgaaaagcta	gatagctctg	ttgtcatcag	cccacccag	ttctatcata	540
ctccagggtc	tggtgagaat	cttcacggca	agcctgtctt	gttgctgttg	anaatgcgtg	600
gcgcaaaactc	aagaagtctg	taccttggtg	ccaaacctta	ngaaaacctt	tctaatcaaa	660
gaagaagaac	aaaagaatgg	gaaggccaat	agatgatcac	cagtcatcca	gactctnaag	720
ttcattactg	tccacaaaaa	atcaaaaagt	cacaatactt	ctg		763

<210> 4718

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(953)

<223> n = A,T,C or G

<400> 4718

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcancacag	cgacctttta	ggcnttnctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgcca	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagnn	gagcgcccna	300

ccgacngtnn	gcngatcaga	n	gagag	gnngagngag	aagactccng	c	cgggc	360
ccccctgggg	agcccccgnt	c	ggctcg	cncaggacc	ngcngcacia	ga	actagc	420
tngcagcnac	cngcnttccc	cagtccann	c	tgaaaaacta	caaaatnaaa	ngcgggaaaa		480
gcnetgtann	gagaanggnc	ntccncgan	c	ctccnaggag	gnaaggcngg	agannncccc		540
gctcgnaaan	gnangnagca	agggaaancc	c	ccangggncg	ggcccnncag	aaggccccnc		600
ccncaanaaa	agaangccac	aacaanccaa	g	angcnagca	cgggcnnngcc	cngcanaaaa		660
ccccccnnac	acnggaaana	cncgcgna	n	annngcaann	aacngnatac	nggaaangca		720
nagngcncnc	ananaacaag	cgncncnccn	n	acnaggggnn	acacaaaann	ccngagcgcn		780
cncgagcgcg	nnnanacaca	angcnagcac	a	gggacacnc	ncagacgnaa	annnggncac		840
anacncgggn	nagaacccan	cacgaaaccn	a	cnacncacg	agggagagng	nacnaaanaa		900
nncgccccca	cgngananna	aanccaacnn	n	ncgaanacn	nacggannac	gcc		953

<210> 4719

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 4719

ttnantnngt	cattcctgta	ccagctactt	gttctttttg	caggatccca	tcgattcggn	60
gatatngnnn	gnctanncaa	agtgggaana	ncttncnggc	tgngaaaaca	ngctntangn	120
ccnaanancc	ngntttacan	gttnaanact	ntgtnnnnnt	tgagcatgtt	nncnggtctt	180
angnngntat	ttnanngtan	ccactttgna	gaggngtatc	tggaactttt	tcnncttatg	240
gttcaattag	ntccngnntg	cacantgagn	ntgatnatta	cttgtgagnt	gagctcntgc	300
gttttaccga	cttctggctn	ggactgggtg	ccattagcta	tnaanaggcn	tttngtnnca	360
taannttcng	gtaanntgan	ngatctntna	agatncccc	ttaattcggt	agtantacca	420
ttacgtagnc	naattttanga	tncnnattcc	cnaattttta	ncatnnccan	ntgtaanatc	480
nntgaattan	cagnacnccc	nanngccctn	tnnaggnttg	atttctcgat	atttgactnc	540
ntctggngn	ananannggc	naagaanttn	accattggct	angnnaaaann	agngtgntgt	600
tagggtnaaa	ntcacentnt	ttttnnacna	atcnntggaa	cantttacna	tcanttnnga	660
naaaacnnta	nnctttttgc	ccnatgggan	ctntttntta	aancnntnc	ctttttntaa	720
cnnttttttn	aaccnttgga	aaaaattngn	taaataaaat	ntngcccttt	aaananttnt	780
tcgnaattnn	gaatatctta	anggcccttt	taaaaatatg	gnccccgttt	atggngaaaa	840
ntnattgccca	gccantncnt					860

<210> 4720

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4720

ngtctnttaa	cgngctcttg	tcnngctact	tgttcttttt	gcaggatccc	atcgattcgg	60
tcaactccat	ctgcagtgtt	caaggcactg	tggttggcgt	ggacgagagc	actgctttct	120
catggcctgt	gtgtgacatg	tgtggcaacg	ggagattgga	acagaggccg	gaagacagag	180
gcgccttttc	ctgtggggac	tgctcccggg	tggtcacatc	tcctgttctc	aagaggcacc	240
tgcaggctct	cctggactgc	cgctcaagac	cgcagtgcag	agtgaaggtc	aagctgttgc	300
agcgcagcat	ttcctccctg	ctgaggtttg	ccgccggtga	agatgggagc	tacgaagtga	360
agagtgtcct	cggaaaggaa	gtggggttgt	taaattgttt	tgtccagtcc	gtaaccgccc	420

acccgaccag	ctgcattgga	tggaaa	tcgagcttct	gagtgcagga	gctctg	480
cagaacacta	gcggttgccg	catctgt	gaactttgca	atgtggctgc	aaagtggg	540
gtgggtggg	tgatttggg	tagttattg	ttactatgg	cacagtgaac	gtagtttacn	600
atcttgaaat	gaaacttana	ttttctggg	aaatgttcan	atcagttntg	tgaactgtaa	660
atnaaaatac	cttttctaca	gttatctttn	attttctgca	aattangaac	ctnt	714

<210> 4721  
 <211> 868  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(868)  
 <223> n = A,T,C or G

<400> 4721						60
tttcnngttt	aaacnccttt	aaaaatntgn	nacttngatn	nagtntaaag	tnnccccctct	120
atatattgna	gtancncctn	taaaacatca	ggaaaattaa	ggnggtctnt	nggggggggtg	180
atnttenatn	ncnantgaat	aatgatccaa	gnntcntant	angaannaan	gcncatatata	240
nanntantan	tactntttgg	ntnnnnanct	antanantct	annntactcn	ntanatanta	300
tencnangtn	ngcatacnat	ntnatcnttn	nntnntttac	tncattatct	ctanatattn	360
nnncnttntn	ntntancatn	cntncnanct	ttcnnnctta	ttnatantnn	tttaantttt	420
tentntcnc	tencnnnnca	ttnataattn	atnnntttnn	nnntnnaatt	ctntcaatnt	480
ntcatncctc	nnnctcnna	nctntntncc	tnantnnntn	tccantttnc	catttantnn	540
ctannnnntn	nnctcntntn	tntttntnnc	tcctaancct	ctnttttntt	ctcanntntt	600
nttcnncctn	tnntttatnt	ntntcntcnn	ncnctcnnnc	tttncnncnn	tntctttcna	660
tantntctnn	ccanctctnc	atatcttntt	nnncncttaa	tnttacnctt	nccnctncc	720
ccctcnnanc	attttcnttc	tccttanant	nnntnctttn	tnttaanata	tnnnnnntta	780
tttnnacttn	tttgtttgta	ctnctnnntna	cncanantca	atnacacatt	tatcncattn	840
canatctttc	naantcncctc	nnattncact	tnattcacna	ntctncaatt	cctacatnct	868
ntatnctnac	ntcatatttn	ctcccnnt				

<210> 4722  
 <211> 1612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1612)  
 <223> n = A,T,C or G

<400> 4722						60
gtnnctcaaa	tcngcagcac	gnanagtnca	aagngaagng	gcncctctaca	tatgagaccc	120
tnaaacatca	ganattaggg	ggtctngggg	gggcctcnc	anatncnnga	atactatccg	180
nggccctttt	nngntnannn	ntagagannt	ggnggnntn	nncggngntn	tntctancnn	240
attcnncttt	catctcctac	tcnggggggn	nactnnnnac	tctctnacan	ccctncnttc	300
nnctcnnncc	tacctccctn	tnncnntccc	gnactnaaca	cncntccna	cntncttnc	360
actcnatann	ccnccnacnc	tcttacnntn	nccaccacgt	atctcctncc	nnctctctct	420
nnaccnttan	natnntnact	cncncnctnn	cnttctctata	nctcagcnnn	tcnactccgc	480
ccgtcantcn	gctacngtcc	nnctntctct	nnnnangctt	cctnnacttc	ncnntcanca	540
caatntnctt	catctnncca	ctntntntcn	atatctctca	ncctctnacb	ntcnnnnntca	600
tcnnnacaaa	tntctncntc	canatccatc	ttntnnnnan	nnaccatntn	anntagntcc	660
nactactntc	ccacgtanac	ntntctntnt	ccnccatctc	acntnntcta	tnatactctn	720
cncctctcac	nctatnanat	cnnatancta	tcctatcact	nttacnaann	ncctcacann	780
ctntccnntc	tctctctann	accttcacnn	ttcnttctnat	attatntact	mntnaccana	

tancacacna	cnetccccnc	nnttac	acntncacnc	actanacnan	cnetca	840
tactctantn	tectncnntc	tatcnnt	ctatcatata	ntnacncaag	tctctc	900
atntaccnnn	antnctnncc	cactacnnt	ccnctancta	cnatacatnc	acannnnana	960
tcanataccn	ntctcnatnc	nctctentct	ctntntntca	cnetanattc	nnatatnccn	1020
ctatcnntct	ccnnntgnc	tctactnct	ncctccnct	ctctentcac	tntctnannt	1080
anctnnntct	nttntctctc	ctcncacngt	accnctcnat	atcatntntc	atcnctctc	1140
catanatncg	nnacancnta	tatctctect	ntntncccta	nnatncatct	nctccnntnc	1200
nnctctcat	annccnnt	gtcanacnna	ngctctctcn	actntccanc	tctcnntc	1260
gcnacngact	nnatcnat	tctctnttn	gactccnct	antcatncc	ccctacnacc	1320
aacaccanna	tactnntcnn	ntcnctctn	aatntcacac	acantncann	ncacctanc	1380
ttatctcant	tctgntnacn	catcactact	cttctcatct	acacatnant	nnancctnat	1440
tncttctacn	ctctcttct	cnctnatna	nnctntacan	gnctctncca	tntctcnccc	1500
ctcctnctnt	ntnnntcanc	ntcacncna	ccantcannn	ctancgcat	ctatattatn	1560
ctcatatcct	ctanacanta	tctcanatc	tcactnctan	nnatanacnac	ct	1612

<210> 4723

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1503)

<223> n = A,T,C or G

<400> 4723

ctaaaattgt	ctncgtaaat	nctntnnnt	gtacantagg	aacggcnctg	acatatgaga	60
cncttaaaca	tcnganatag	ggngtctngg	gggggcgtt	gcntanccnt	gnanntgact	120
nacgnnccan	ttgaantaan	nctttaanga	nattanggen	ttttncgcgc	ntctcnctca	180
anctcnntat	tncantntaa	cannnggggn	gententntc	ancatcnanc	ncttnctact	240
tectttatnn	cttctnctcn	cttcnnacta	cttntactnt	nnctnncacc	nnaccancat	300
tnnantntnc	ancctcctc	ntancnttcn	ctnnnccat	ccntnnccn	cntcancct	360
ctaacnct	annctcctn	tntnccanat	tcantccntt	nnntnancct	tntctcctt	420
ntctatcatt	ctacnctatc	ctctcctaac	ncttttntnt	cnctcann	tctctntaca	480
ctcnccanc	nacnnaacca	ccntanncc	ctnncttcc	tctntantac	ntntcnatct	540
tcnnncann	tnattctnac	ntantntntc	attnacacnc	tcnnctann	tatntntta	600
tctctanccc	ctcantanat	ntctccatn	ctcaactntc	tcacctctcc	ctctanatcc	660
ncctntnta	gnnactcctc	tgtnnctgc	tantattncn	tatacntctc	cnntctact	720
ntnttttata	tnacancctc	ntcnncctnn	cctcnctnn	acnctnaat	accctcatct	780
tatatntnt	ntcnncctnn	tatctnatc	ttananccta	cantnttct	cataatcna	840
nnncactctn	tanntgcaca	tntanactnc	ccnnccanc	tctttatacc	tntnctatac	900
ntcacnntct	ntnantnact	cnatnactnn	catacactca	natncacctn	ntnnnatntc	960
nccatatatn	tntantanct	cntctctcna	tattatata	ntntctntct	ntnctnctc	1020
ngnctctnc	tnatcanac	tctctatncn	caaccactat	nnntcnant	ncnncttct	1080
acnnnntnac	cantcttcn	nancnctatc	ntctctccta	tccacttnna	tctnaactct	1140
ctcatatacn	cnantcatnt	cnntnccnac	ntctntntnt	ctcncancct	cttnnctact	1200
acnnttatct	actcactcta	tntctctnnn	ctctacantc	tcnctntcgt	ntccacntta	1260
tctnnnnnca	ctatctctnt	cactctnanc	ntaaacctcc	tcttntnca	tntcactct	1320
ctatnccatt	tctcaatanc	actcnccac	ncattcctct	ntcncatcta	tctctnccc	1380
anctctctn	tctcannan	tngttntct	atcagnactc	ctatatantn	tatctcnatn	1440
cttnatatca	canncatnnn	cttctcnac	tcatatntn	ctntantnta	ctatctntt	1500
cct						1503

<210> 4724

<211> 1309

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1309)  
 <223> n = A,T,C or G

<400> 4724  
 cantggnaan tntcccgacc tangactagg tnnaccnnc angnggggaa aaaagccccc 60  
 caganagnnn gaggtttgga gggngggaaa aaaganncncc ggggggaggg ggggggnnttg 120  
 gaaaannngg anacgggggg gcacgnnngc gngcgacnc ntnttttttt cncnccccgc 180  
 nccnttnntt tccccncncc gcncggagtg nncnngnagn ggggggnggn nnnnaganaa 240  
 ganggggggg ggggaanannn gttggggngg ggggggncna gagngggggg gncnggcnga 300  
 nannangcnn gggggggggg gagcagangg angngncaa gggggngnng ggngngngga 360  
 ggnanagcan gngaggggga ggnngaagag ngnggagagg gnaggnnagg nggngngnng 420  
 ggnagnancg ngngaggag nanaggggaa ggnagnagg ngggggggng angaggggga 480  
 cgnnnnnggn nngcngagna gnnngggngg ngnnanncna ngncggngga ngnaangnna 540  
 nggnnnngng cngcgnnaa gagnganaa ngggagngcg ngggggggcg gngngancgn 600  
 ggnagnang annngggcnn gagangnga gngnnngngn gcgaangggg nnnngnnngg 660  
 gggngngggg cgagagnggn nggngnnngg cangtnaaag gnnnagggna gaannngnac 720  
 acggaccggn ngnggaganc gnggacgaaa nngnnnagac gngnggacga ganacgcng 780  
 gnanngangn ngggntgggg annagaggag cgcngagaa cgcncnnng gaganngang 840  
 gagngagagn gnggnacggg nnnanngcgn gcaagagaga gacgagngac gcggagngng 900  
 agagagagag acngaggaga gaganannaag acngacggag agcacggcgg aggnnnncgc 960  
 gacgacagag agnaggagc naganaggng anncgannga gagggnncna ccggaannac 1020  
 gngagacna cnnagnngc gaggaacacg gngcgcgana ggaggagaac ncnngangga 1080  
 ngacgncng nancgngga cacgnangcg ngagagann agagagggac gcacgaagnn 1140  
 cggaagagcn gangggaaga nnnanncga gnnngagaan cggagngagc anaaggagg 1200  
 angggtcaga ngagaganag cacaancng agaggnggan nnaggacgac ggnggagaga 1260  
 gaancangng ggnagaagnn cngancagga agggcgnggg naggngcgc 1309

<210> 4725  
 <211> 1359  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1359)  
 <223> n = A,T,C or G

<400> 4725  
 aaaaaaaaa aaacccccn gggggnnanc cctnctaaa aaaatnnagn nacctnctgn 60  
 naagggcgna aaacnnnnn cctcnnanc aanatnncag nccccccct aaaaaccatc 120  
 caggaanaa ttaaaggggg cgtncctntg gggggggnnn nnnnnnnnnn nnnnnnnncc 180  
 cnnnnnnn nnnnnnnnn nnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 240  
 nnnnnnnnn nnnnnnnnn nnnnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn 300  
 nnnnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 360  
 nnnnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 420  
 nccccnnnn ncnnnnnnn nnnnnnnnn nnnnnnnnn cncnnccnn cennnnnnnn 480  
 nccccnnnn nnnnnnnnn nccccnnnn cccnnnnnn ncnnnnnnn nccccnnnn 540  
 ncnnnnnnn ncnnnnnnn nccccnnnn nccccnnnn nccccnnnn nccccnnnn 600  
 ncnnnnnnn cnaannnn cennnnnn ncnnnnnnn cnnnnnnnn nnnnnnnnn 660  
 ncnnnnnnn nnnnnnnnn cennnnnn ncnnnnnnn cnnnnnnnn nnnnnnnnn 720  
 acnnnnnn cccccnnn cnnnnnnnn ncnnnnnnn cannnnnnn ncnnnnnnn 780  
 nnnnnnnnn cnnnnnnnn ncnnnnnnn nnnnnnnnn cnnnnnnnn nnnnnnnnn 840  
 nccccnnnn cnaannnn cncnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn 900  
 nccccnnnn ncnnnnnnn cnnnnnnnn nnnnnnnnn cccccnnn cnnnnnnnn 960  
 nnnnnnnnn ncnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 1020

nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1140
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1200
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1320
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1359

<210> 4726  
 <211> 10  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(10)  
 <223> n = A,T,C or G

<400> 4726	nnnnnnnnnnnn	10
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<210> 4727  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 4727	nnnnnnnnnnnn	60
nnnnnnnnnnnn	nnnnnnnnnnnn	120
nnnnnnnnnnnn	nnnnnnnnnnnn	180
nnnnnnnnnnnn	nnnnnnnnnnnn	240
nnnnnnnnnnnn	nnnnnnnnnnnn	300
nnnnnnnnnnnn	nnnnnnnnnnnn	360
nnnnnnnnnnnn	nnnnnnnnnnnn	420
nnnnnnnnnnnn	nnnnnnnnnnnn	480
nnnnnnnnnnnn	nnnnnnnnnnnn	540
nnnnnnnnnnnn	nnnnnnnnnnnn	600
nnnnnnnnnnnn	nnnnnnnnnnnn	660
nnnnnnnnnnnn	nnnnnnnnnnnn	720
nnnnnnnnnnnn	nnnnnnnnnnnn	780
nnnnnnnnnnnn	nnnnnnnnnnnn	789

<210> 4728  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 4728

nngctctncn	attnnntgng	g	gctcg	ntaccncnan	ncngnggna	a	ttggg	60
cccgaggtng	atnnatgnat	a	ctctg	cgcgctcagtt	ctcacttttt	g	ccctgc	120
cggtctggatn	acngtacanc	ctaaannngg	anctnctacc	tggccctcta	cangcagatn			180
atcanncngg	acaagctagg	ctgcncgcgc	acggcgctgg	agtactgcan	gctcattctg			240
agtctcgagc	cggatgagga	ccccctctgc	atgctgctgc	tcatacgacc	acctgncctt			300
gengncccg	aactactagt	acctgatccn	cctnttccan	aagtgggagg	ctcatnnnaa			360
cctgtncag	ctcctaata	gtgccttctn	tggtccactg	gcntatttcc	tgctgagnca			420
ccagacanac	ctncctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat			480
acagcangcg	ctcaccatgt	tccctgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg			540
tnccgcnga	cgccagngtt	nacagtcacc	gctncttttg	gacccaatgc	tgaaattaag			600
ccaaacnct	gcccttgacc	canatggtna	accttggtacc	tttgnaagg	tcacactttt			660
ttnttgaaa	aanaaccng	gcancnnttg	ancttggtcg	gaaggaaaaa	cgccccgan			720
gatcttcaaa	gcaaatgat	gccggggaac	ccaaaccctg	gnaagcctgg	ggagaaaccc			780
gggggaaag								789

<210> 4729  
 <211> 1064  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1064)  
 <223> n = A,T,C or G

<400> 4729								60
cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt			120
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atttttgaaa			180
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaa			240
ccatgctgtg	ccttagggcc	cttctcatag	ntgttccctna	tggccatgac	tggaacaggg			300
atgcaacctn	ttntacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt			360
ttacaccngt	nnttcnnttc	tanntgccna	nancttcatc	caatcngntc	annnnntnn			420
ctcactcna	ccanccatc	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc			480
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc			540
tencactntt	tcatactcnc	nattactctt	nncnctacn	ctcatcacat	acncnttaat			600
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtcntct			660
atcnnctntn	aagnctntnt	naatnntntc	tctganacnc	ctcttacgtg	ntcttactnt			720
acntcaatnt	ngctcatcat	cactctcnaa	cggatatactt	catttnngtg	tatatatccc			780
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata			840
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnann	tntaacngtc			900
ntntctnna	tctntctntt	tccanacttc	nncacntntc	tntntatnct	tnttcttct			960
ctntaatatc	nantcatctt	agtctcnna	nccaanatnt	nancntncac	tctntctacn			1020
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttntntancat	annacnncac			1064
ctanatnant	cctctaannt	aacttcatct	nctntntact	annt				

<210> 4730  
 <211> 915  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(915)  
 <223> n = A,T,C or G

<400> 4730								60
atnnanancn	tanaancata	acnattnnnn	tatantnanc	ntnnnnncnt	tttnncnata			

ctnnntntc	cnnnnntttt	t	cnttc	taaatgcttg	gcaatcgccn	c	tanng	120
gcntggngat	ncgcncag	a	gtata	gttnngnnac	nnaccacacc	c	cannaa	180
atcttaacaa	gggggngggg	ataaaanaaa	aacntccaca	attaccttaa	aagggaactct			240
tatgntttca	actacanata	gttgtaaagg	atcatacaca	anatattgat	gatanntgaa			300
atattcttag	aaggggtgtg	tntgtctanc	tgngtctacc	atgngtantg	tattcttgac			360
aagcactnta	aaatacctgn	tnatnnttct	atacattacg	nataatngcc	ataangantt			420
aancntcata	tatntcatca	nccctaattg	aatcannnnn	aaatattttt	attgcccacn			480
anatctaatt	tcacttatac	tatcccnana	atagtaanac	nactacagct	nnttacncna			540
tntaaacctt	tnnnanntnn	cacaatatna	tacgnnannc	canttatcna	ttangnnttn			600
naanaancan	aantncaann	atttctctnat	cnaaatcaca	attttctncn	naancaaata			660
ntncattccn	accncnnatn	ccncagaaaa	tntncacctc	ctatcaatat	ancaatntat			720
tnanaccang	nnncncnant	ncaatgtttt	ctcancattn	nncttntant	ctatntactn			780
cnttcnntta	acanatatnt	tcanaantcc	anattncatt	tcacttntac	tacaccnnaa			840
caanacntca	aaatanaagt	ncanatacan	ccnaantccc	ncatntanna	ctntannacn			900
cantattncc	ntncn							915

<210> 4731  
 <211> 1479  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1479)  
 <223> n = A,T,C or G

<400> 4731									
agcctcttaa	actncaantt	ntaacttcnn	nangcnaaac	gncnctctat	atatcgcngt			60	
ancnccttaa	aacatcatga	nattatgggg	gtcttttngg	ggngcnnac	taccatctat			120	
catcncctnc	nnntacnang	acccttnta	cnactactnt	cnctcttnat	ganngctcc			180	
gtctnnccnn	ctcnntannn	ttatctacnn	ctctcttctc	ncctctcat	nnctnnchna			240	
ncattctctn	ctcctatctn	actccctctc	aattcancca	tctatatntc	tnanatctc			300	
ancattacgn	tattntacna	cacactctcg	naacncgctc	tnnagatnn	tctctcacta			360	
cncnntanca	tnntcatca	tcanncnata	ntcttcanac	agnncccttc	ctctcngca			420	
tctccttctc	ctcatnctnn	cnnattnann	nnctnctac	tcactnntcc	ctntcncacc			480	
nnancntanc	cncctnatn	ntcnccccn	tgccntnnta	ctccctnccc	cnttcatccc			540	
cntntccnac	ttntcancn	nnctnnccct	actnnatctc	ntctntatcn	ccccattatn			600	
ctnnnnnncc	tangaacnn	nnctntcaat	tttccccatn	ncncncnnnt	tnncgctnnn			660	
ctttcngent	ctcncnttac	ccnttntnct	annctcntt	nanctcnncc	cncctctttt			720	
ncantcganc	nacncccc	tcnacnatct	ntannnnctt	cnnccnnnnnc	ntatcantcn			780	
cctccncaact	catccatcta	cnnccacnca	ctctanaactn	tnnccactnc	ctccactctc			840	
tctcttance	tcnctctcan	ntnatccttc	tctctctctc	attannantn	ancctccntt			900	
tnaaatccnt	cacncatact	naccatcttc	nccaaactntn	tcttntntcc	nattncatnt			960	
cctcccntaa	nttanncaat	ctctctnntt	cactcacanc	tnnacactcc	attctcnnta			1020	
nnctctcnac	anncaactcan	cttctnactca	tanactcaca	ctancnntt	tnntctttac			1080	
antccnacnc	ntanatttct	ctccnnntnn	atcacanaac	cacatctatc	tactatctta			1140	
tcactccntn	tctcaagtnt	ctctctcacc	ntntatnctn	aactctatat	cactcaance			1200	
atactctnat	canatcttgc	tcncacctat	atnctctctc	ncaccctact	cnctctctaca			1260	
tgctcnacatc	ttccntcnct	ntataccacn	canttactna	ctnnccnccan	actcngccnt			1320	
acnctactac	actgcantct	ctatctctntc	nctcgacacn	cncttctngc	nccccactct			1380	
cntcttntct	cnnnctcnac	tctctctntc	nantcnactc	tccncacat	ctatatntat			1440	
tctctctcct	atctccnctc	ccctctact	canacccccg					1479	

<210> 4732  
 <211> 1764  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(1764)  
 <223> n = A,T,C or G

<400> 4732  
 cnaccctnca aaaaattcat ataccanaca nntnaggcct cttgggnanng gcnncccttcn 60  
 naacatnaat tgcnagtacc cnccttnaaa aaaccatcat gnaaaataat gggggngtct 120  
 tttngggggg gnggnacnna antcaantca ancccatnaa accacnaant tcncgnaccc 180  
 cttaaaccgt naananatnc actancanan natnncctaa gtnancnttc ctgnnnctnc 240  
 ncnnacaacc taccctctan tnntccccctc ctattnnntn cntnctccca cnancnnncn 300  
 cncntcctcn cctacatntn ttccanataa cncctcacnn nccctacnnc cncacatct 360  
 ntanaacccc ancacnctc cccacctnca nncatcnac ctactcnaact nnacantccn 420  
 ccncctttct cnnctcnnt anttactac ctcttnnact accccaanat ctacntcccc 480  
 ctctctccac ncacanttac nctctcanca actnccancc atnccncncc atanacacct 540  
 naccncncn tnttctcccc ntaacaaat nacctccctc nattcatnan tnatnnnnac 600  
 cnnctatccc accncantan acntcccacc nnactaactc caccacctcc cactactntc 660  
 tctcctaate nacnctancn cntccaccan ntcantcctn ctcantctcn nacaccnntn 720  
 ntacnatcca tnntcnana cntctnntc canaccctn ctntcaatca ctntacata 780  
 tncccatcnc tatatannt nctctctcat ctcnatccaa tctcncncn atacantct 840  
 ntacatctct cncnctcat actnantctn ctcnctcnac tnntntcacn cnacactnac 900  
 ntntcacnna ctatccnaca ccatacatc tntccannn ctaatcacca catctntaac 960  
 tacnccaca cncancnna cnacnccat acnctcctnc acnctcctat nnaccaactc 1020  
 cncnncntan catcncnca cactacacaa ccatcaanna nnctcctctc atannacacc 1080  
 tntntntcac cacntcnntn tctactacact cactataann ctctntncan ntctancata 1140  
 cctctnnact ntcnaccact ctccctcact cactctccac natcactctc ctacactca 1200  
 tatcatcnc tactctacnc nttaacnctc ttatcancat acatntcatc acttcaachn 1260  
 cntctntcnc ancanctanc atactcncct nntnctcnc actctctatc cntacantc 1320  
 aatccaatc ccactncnct catncatntc nccctacnan ctacactcat tntactcact 1380  
 ataannctc acctcaccn acactcccc tantcccnnc tctcctactc acactctcac 1440  
 tctactcnc ctncacatcc tcancnntc ncanctcaen ctatcnncna tataatntcnc 1500  
 taatcatcnc ctntcacana ctntntcac actacacnca cctntctcan ctntntntnt 1560  
 cctctctac tcttctntcc ancacatctc tctactana cacncatntc cntccatcan 1620  
 ancanatcan anacnctat acacnntnca tactctntnt atcaatatcc cctntcaaac 1680  
 tenctcttct tannactach ctatcactnt cncctctcaac tntactata tctactcan 1740  
 tctcnacnc tacantntcn ncnt 1764

<210> 4733  
 <211> 953  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(953)  
 <223> n = A,T,C or G

<400> 4733  
 nggtncaccg naacaacggn gaatccccca annncncgan acagaaaggc aggggtgngg 60  
 ccngagagcc gngcncacng ggcacancag cgaccttita ggcnttnctg cactgncngn 120  
 cccactgccg naannggcac tccccacgn acgagnntgc aacgagacat ccgtacgtgc 180  
 tggacaacct tggagagaag ccgtatncac nncacangat aaaancgcca tggaccacga 240  
 gtgccnnggg cactaccgan gagccgcctc cnggaancnt tnccaagnn gagcgcccna 300  
 ccgacngtnn gngatcaga nacnggagag gnggagngag aagactccng cngcncgggc 360  
 cccctgnggg agccccgnt ccagggctcg cncaggacc ngcngcacia gangactagc 420  
 tngcagcnac cngcnttccc cagtccannc tgaaaaacta caaatnaaa ngcgggaaaa 480  
 gcncgtgann gagaanggnc ntccncgcan ctcnaggag gnaaggcngg agannncccc 540

gctcgnaaan	gnangnagca	aaancc	ccangggncg	ggcccnag	a	cccnc	600
ccncaanaa	agaangccac	aaanccaa	gangcnagca	cgggcnngcc	cn	anaaaa	660
cccccnac	acnggaaana	cncccgcgna	nanngcaann	aacngnatac	nggaaangca		720
nagngcncnc	ananaacaag	cgcnccccn	nacnagggnn	acacaaaann	cnngagcgcn		780
cnngagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac		840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa		900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc		953

<210> 4734

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 4734

gtanctnatt	nttttgatgg	nctaaatngc	cctaaatagg	nnngngtngg	ggncatacnn	60
cancnangtn	cnnaaatact	nnngntacan	anctatggtc	ancaacatct	nactnnaaac	120
ccttatgnta	aaaaanaacn	ncttgccctc	agccttcaag	cnattatact	ngctctcatc	180
cctncngnnt	acgncggnan	tatatgtnc	ntnccaccac	nanccagtta	atnctnaagt	240
atcnanatac	taccagcatg	ggtantcaca	anctgntncn	ccagcnatnc	tnaatntctc	300
ngngacctcc	nganccnnnc	ncntnnnnct	nnnanngngc	ngncattaca	nnccntnanc	360
cactgttncc	ngacctcaac	mntcttacca	anaatgtmnt	nccntgnat	gnanttttac	420
atggcnataa	cactattgcn	tttncaannt	cccnnacctc	ttcnntancc	aananttnnn	480
ntnnctngtc	ncanantgt	cnccctcatn	nnannnctcn	tgtnacnnnn	tcnnntact	540
anntagcact	atnattatac	ngtnnatctn	tacanannct	ncatnnctan	atnttacnnc	600
anattccctc	tttngctcac	ttnnatata	cttctcanen	nactctcgcc	gangtctctc	660
gnnatatactn	antanctnat	ntntgnnnna	gcacatata	tgctactcta	naaantcnat	720
gagtaggaat	actnnnnctt	cannctcana	aacactctat	ntncacatct	nnacacacacn	780
nntagtgcac	atanantcct	cnngangatc	naantctcct	nnanctcgnc	tcnntcgtnn	840
ctncanacgc	nttcaactga	ttctntnnnt	annnacaan	acnatacngc	anaatnacat	900
ncnatanann	ctntntcacg	nnncatcgta	tntctnantn	tnntnecgnc	nnctnctnnc	960
tgctacacat	ntatancatn	tnntnatcan	tctatncaga	ncantnttnc	atcaaanacn	1020
ntnccctncag	cnngtnannca	cctnct				1046

<210> 4735

<211> 1337

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1337)

<223> n = A,T,C or G

<400> 4735

cccnnaaaaa	aattnnaanc	cccccgncgt	taaaaaancc	ctcttaaaaa	aaatttggnn	60
gcctnctgna	ggggggcnaa	aacnnnnccc	ccctcnannc	annatnnnng	nncccccccn	120
ctaaaaacca	tccagggaac	aatnatgggg	gcctncnntt	ngggggggnnc	cnnnnnnnnn	180
nnnnnnnncc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
cnncnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480

ccccnncnc	nccccnccc	cccccccc	cccccccccc	ncccncccc	ncccc	540
nncnncnccc	ccnnnccnn	cccccccc	cccccccccc	ncccncccc	cccccccc	600
cccccccccc	ccnncnnccc	cccccccccc	cccccccccc	ccnnnncccc	cccccccccc	660
ccccccnnn	ccnccccccc	cnnccnnnc	cccccccccc	ccnccccccn	ccnccnncn	720
cccccccccc	ccnnccnnnn	cccccccccc	ncccnccnn	cncnccnncc	ccnnccnncc	780
ncnncnncnn	nnnnccccnc	cncnnnnncn	cncnccnncc	ncnccnnnn	cncnccnncc	840
cncnnnnnnn	cncnccnnnn	cncnccnnnc	cncnccnncc	nncncccc	cnnncnncn	900
cnncccccc	cnnccnncnn	cncnnccnn	cncnnnnnn	nncncccc	nnnnccnnc	960
nnncnncnnn	nncnccccnn	nnncnnnn	cnnccnncc	nnncncccc	nnccnnnncc	1020
nnncnncnnn	nnnncccc	cnnccnncc	ccnccnnnn	nnncncccc	nnncnncn	1080
nnncnccnc	nnncnncnn	nncnccncc	ncncccccc	ccnncnncn	cncncccc	1140
cncnccnnc	nnnnccnnc	nnncnnnn	ccnncnnc	cncncccc	cnnccnncc	1200
nnncnncn	ccnccnnnn	nnnccccc	cccccccc	nnncncccc	nnncnccn	1260
nnncnncn	nncncccc	cncncccc	nnncnnnn	ccnccnncc	ncccncc	1320
nnncnncn	ncccc					1337

<210> 4736  
 <211> 1312  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1312)  
 <223> n = A,T,C or G

ccctnaaaaa	aaatttgng	gncccnccgg	ggggnnnnnn	nncccttta	aaaaaatatg	60
gaggcctctg	nnggggagna	aacnnncnc	ctcnnancat	atncaggacc	tcctcnaaaa	120
catcaggana	aaangggggt	ctgggggggg	gncnnnnnc	nnncnncnn	acnccngcna	180
nnccnaanc	cnnananc	tnnnnnnnnc	nnnnnnnnn	nnncnnncn	ncnncnncn	240
gncnnnnna	ccnnccnnn	cccaaccnc	ncccncccn	cncnccnnn	nnncnancct	300
cncncccc	ncctccnnn	ancnnnnnc	ncnancnnc	ccacccann	nacnnnnccn	360
ccncccccc	ncncccccc	cancancnn	ccccccacc	ncncccccc	ccnccnncn	420
caccncccn	ncncccccc	cncaccncc	ccacnnnnn	cncnccncc	ncnncnnc	480
ccccncccc	nnncnncn	nnccnccn	cnnnnccnn	nnnacnnnn	ncnancnnc	540
cnacnaanna	ncnancnnc	nccannnnn	ncaacana	nnccncccc	ncnccnncn	600
nnncnancn	nnncnncn	nnnnnncc	nnnnnnnn	acncccccc	ncnncnnnn	660
nnnnnnnn	nnnnnnnc	ncnncnnc	nnnnnnnn	nnnnnnnn	cnnnnnnnc	720
nacnnncn	cnancnnnc	ncnccnnc	ccnancnc	ncnnncnnc	nnnnnnncn	780
cnnccnccn	nnnnnnnn	nnncnccn	ncnccnnc	nnnnnnnn	nnnnnnnn	840
cnnnnccnn	nnccnncn	nnnnccnn	ncnnnnnn	cnnccnncn	cncncaann	900
cacnnccnn	cncncccc	ncacacnnc	annnnancn	anannnnnc	nannncnnc	960
ccnccnnnn	cnnccnnc	ncnccncc	ncnannccn	nnnnccnnc	acnccnncn	1020
ancnccnn	ncnnccnnc	nnnnnnnc	acnccncc	cnnccnnc	ncaacnnc	1080
cctancnnc	cnnccnnc	ncnccncc	cncannncn	tcnnntccn	caenccnnc	1140
accnancn	cncnccnnc	ncannanc	cccccccc	cncnccnnc	ancnccnnc	1200
nanaacccc	naccncccc	tncccccnc	ccccnccn	ctcannccn	cncnccnnc	1260
ccnccncc	cnacncccc	acnnntccn	ccctccnnc	ncncccccc	cc	1312

<210> 4737  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(715)  
 <223> n = A,T,C or G

<400> 4737  
 gtnttttatnc cngnnctctt gttcttttttg caggatccct cgnttcgaat tcggcacgag 60  
 gnactaggct cgcgnnntgt ntntttntn tntntgatat tacnccatag gtttngggtn 120  
 acnatnaatg tttgcattnc tnttnaaagc ntagctctta ctaancattc ttttaacaaaa 180  
 gctaataatc nnnanatnat ttgccatacc gaaactatct ncncaaanaa nactttannc 240  
 cantatnnna agctnaagan ttaganaaan tacaaaacac tgctatgagt caatngaact 300  
 gctatcattg aatttgctgc atttanaatg acataaacat actgaacatc aaaacaatgg 360  
 natggattta ttctatanga cttagccttaa gaatgacata canttngcga ntctctttaa 420  
 aaatnatntt ttacnacaga ntccatttga acnaagggtc tttttttccc ctcatttnan 480  
 gggaagacnn tcnatgtttc ccaaacnnat cctccnttca tactananta gcaaactgtg 540  
 gcctcnatct ccnnttccag atgctactta tanatnactt ttgcataata acttaaatta 600  
 gaattacttt ncttggnaac agtgtcacgg ccataaaatn antccanttt taaaaaaaaca 660  
 nacttcaagn gcaaattnta gaaaacttcc tttaaagaan taccnaaccc agccc 715

<210> 4738  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 4738  
 nctaagtctg gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggg 60  
 ccgctttccc tctggaccac ctcccgtgc gtttcctact cagagaaaca gcaagggcgg 120  
 ggtcaagaca cgggatgacg ggaagcagga agcggggcag cagcacagcg tggggtcctg 180  
 gcaactgcagg ccaggccagg atgcccaccc cgccctctac acggcccctt ggggcctgcg 240  
 cccgtgaaac tgggtgccagg gagcactgcc agcttgccag tttctgccc gcaaaagcac 300  
 gtatgcttca ggggccttct gagaccacct tccccactga gccccagctg ctgagaaggc 360  
 cttgagggaa gtagaggctg ggagcaaatg ccccatgcgg tgagaggatg aggggagcct 420  
 acgcctcagg catgtggtga gaggatgagg gggagggagc ccacgcctca ggtggagtgg 480  
 gcagaggtgc aagagaggga tgtactgaag cttcttccc tcttgccaca gacacttctc 540  
 ctgccttccc accctgaccc ggagaaaccc accaagtgcc tgtgtgcagc ctctgtgcc 600  
 tcacccaggg cctgacccca gagtggtccc aacaacccgg tctcatgccc actccccatc 660  
 cctgcttncc aaaaattgca ctgtgtgcag tttgcaacaa agaata 706

<210> 4739  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 4739  
 nctaagtctg gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggg 60  
 ccgctttccc tctggaccac ctcccgtgc gtttcctact cagagaaaca gcaagggcgg 120  
 ggtcaagaca cgggatgacg ggaagcagga agcggggcag cagcacagcg tggggtcctg 180  
 gcaactgcagg ccaggccagg atgcccaccc cgccctctac acggcccctt ggggcctgcg 240  
 cccgtgaaac tgggtgccagg gagcactgcc agcttgccag tttctgccc gcaaaagcac 300

gtatgcttca	ggggccttct	g	ccacct	tccccactga	gccccagctg	c	aaaggc	360
cttgaggga	gtagaggctg	g	caaatg	ccccatgcg	tgagaggatg	agggagcct		420
acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg			480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttcccc	tcctgccaca	gacacttctc			540
ctgccttccc	acctgacccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc			600
tcaccaggg	cctgacccca	gagtgggtccc	aacaacccgg	tctcatgccc	actccccatc			660
cctgcttnc	aaaaattgca	ctgtgtgcag	tttgaacaa	agaatn				706

<210> 4740

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4740

cggnntttta	aactnctaaa	tanntgngct	tccantaggn	gaaaacgtgc	acccttaaan	60
atatttnagn	ccnnccctna	aaanatcagg	gaaattatgg	gggtcntttt	gggggggnntc	120
tcagctntan	tctnananta	tntatanann	ncnnccnnann	nntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacnca	tantnncnat	actacttcat	cntcnacaan	240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnate	ncttntcttc	ntctataact	ntccatncta	ntctactnnc	360
ccttctctnn	aaatntantn	ntnantnctt	caatacannc	cnntcatcct	tannnnnnnt	420
ccncatanac	antnancctt	actnccnnc	acctttcnnc	aataattctt	anacntnana	480
cnctnnnnnt	natncatana	tcacntcntn	anccttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatnt	natcttnttc	natatacttc	nacanatttc	tcnttanttt	600
tatcnanact	attcancnta	ctnatnatnt	tcctattctc	actnaanana	tntntnncnt	660
caatntcata	tntctctnt	tntcttntnt	ctcntactan	tntncatcat	ncctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattn	ttntctaatac	780
tntantcnat	ctctatctnt	ntcactnccn	atcttnanct	ntatatncta	tatcatctac	840
tctcncant	accntcctna	acnntatcta	ttannccacac	atcatctntt	ctanactntc	900
tctattntan	cntaatcttc	ncncatanac	tngttntnt	cnctnnctnc	tcantccttc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatcctncnc	tnnanatnta	1020
acagtcactc	tnatatanta	tnnttntaca	ctcanatcac	ctctcncctta	nantntcaca	1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	ncntacaca	catnntantc	1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	netaccanct	ncctcaattc	1200
aatcatncgn	canctntnta	tcacttctnt	attatatatn	tcttaagtcc	nanatgtnac	1260
taantgacta	tntnaatctn	tcatnntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanatcccc	tcaacaccta	cgntnctact	atatatcatn	1380
ttnacntaca	nnntctata	tnntcacaac	tatatntana	nttanntac	netgntntat	1440
nnanat						1446

<210> 4741

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4741

cggnntttta	aactnctaaa	tanntgngct	tccantaggn	gaaaacgtgc	acccttaaan	60
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atatttnagn	ccnnccnna	a	atcagg	gaaattatgg	gggtcntttn	g	gnntc	120
tcagctntan	tctananta	t	canann	ncnnncnann	nntacanaag	ct	atatgn	180
natactncnt	nttcacgtna	ntatnacnca	tantnnncat	actacttcat	cntcnacaan			240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan			300
ttcncatact	tttactnate	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc			360
ccttcctnnn	aaatntantn	ntnantncct	caatacannc	cnntcatcct	tannnnnnnt			420
ccncatanac	antnancctt	actnccncnc	acctttcnnc	aataattctt	anacntnana			480
cnctnnnnnt	natncatana	tcacntctn	anccttnann	atcntaccac	nnannncttn			540
tactnctnan	acnttatnt	natcttntc	natatacttc	nacanatttc	tcnttanttt			600
tatcnanact	attcancnta	ctnatnatnt	tcctattctc	actnaanana	tntntnnct			660
caatntcata	tntctctnt	tntcttnt	ctcntactan	tntncatcat	ncctnatcta			720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattn	ttntaatac			780
tntantcnat	ctctatctnt	ntcactncnn	atcttnanct	ntatatncta	tatcatctac			840
tctcncant	accntcctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc			900
tctattntan	cntaatctc	ncncatanac	tngttntat	cnctnnctnc	tcantcctc			960
nncanactat	actntatngc	tnntanctac	taataactctc	tatcctncnc	tnnanatnta			1020
acagtcactc	tnatatanta	tnntntaca	ctcanatcac	ctctcnccta	nantntcaca			1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	nctntacaca	catntntanc			1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	nctaccanct	ncctcaattc			1200
aatcatnecn	canctntnta	tcacttctnta	attatatatn	tcttaagtcc	nanatgtnac			1260
taantgacta	tntnaatctn	tcatnttcta	acntccatat	cacatntcta	ctatcaatat			1320
atacttanaa	tctcaagtct	ctanatcccc	tcaacaccta	cgntnctact	atatatcatn			1380
ttnacntaca	nnntctata	tnntcacaac	tatatntana	nnttanntac	nctgntntat			1440
nnanat								1446

<210> 4742

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4742

tngtaccaat	tatctgctgg	ctanntagcc	taaanagntt	ggtcngggcg	aattcggcac	60
gagggnaaag	cagnaagtaa	tgagcttgtc	cgtcagctgg	tagctttcat	tcgtnaaaga	120
gataaaagag	tgaggcgca	tcgaaaactt	gtggaagaac	agaatgcaga	gaaggcgagg	180
aaagccgaan	agatgaggcg	gcagcagaag	ctaaagcagg	ccaaactggt	ggagcagtag	240
agagaacaga	gctggatgac	tatggccaat	ttggagaaag	agctccagga	gatggaggca	300
cggtacgaga	aggagtttgg	agatggatcg	gatgaaaatg	aaatggaaga	acatgaactc	360
aaagatgagg	aggatggtaa	agacagtgat	gaggccnagg	acgctgagct	ctatgatgac	420
ctttactgtc	cancatgtga	caaatcnttc	aagacanaaa	atggccatga	agaatcacga	480
gaagtчнаан	aagcatcggg	aaatggtggc	cttgctaaaa	caacagctng	angangaacg	540
aagaaaattt	ttcaagacct	caaattgatt	gaaaatccat	tagatgacaa	ttcttgagga	600
agaaatgnga	aagatgcacc	aaaaacaana	agctttctac	acantnaaat	ccnannaact	660
ccatcctct	anaactatnn	gtgagtcctt	nttacntcna	tccagacatg	antanenata	720
cnattgatgg	aacc					734

<210> 4743

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1226)  
 <223> n = A,T,C or G

<400> 4743  
 nnggggttna cnccttctaaa atntttnnct tncnntgngn caaanggggg cccctctnan 60  
 natnttcaga nccnctnaaa aaanatccag ggaanatttt ggggggtctt ttggggggnc 120  
 tcctttatna ncnatccann natatncatn nttnctctta natgctnann ncanatatat 180  
 tcaagatctt cncctcncnt canctnntct catanntact taactnataa tatcatatta 240  
 cactcntagt cttntctacca canctttnnc tcatttaatn acncctaant cactctattn 300  
 tnccntcatn tanattnnat catcatncac tcttntttnt nttatctcta nctanancat 360  
 cntatatttc tactcaanaa ttatcnnncn nntantcna tcaccnctca taatnttntn 420  
 nnnnnnttnc cctaanaact ntactantnc antctnannn cncctnnnn nnttccntnc 480  
 tcntntttnt nntantcant ntcnnnnnn tcnnttntct ntnntanac anccatnttc 540  
 ttgcnmattt cnaccnannn catatccan cctntanann tacatcncnt nttctactnn 600  
 nctnctntnt nccntnannn cttancatat atttantnct ntnncanann atattannnt 660  
 tcctnttnat atntcttact attcncntc cnatattcan ttctatnann tcanntactc 720  
 annntnctta tgntttatcc tcttatctct atctntcnca naantctcta cactnnnnnn 780  
 nttatctatc ntctancact cttactctat atctntntat ttatcactca ttccacnctn 840  
 tcctctnttc tcanatctat nactatctta cctatatata tcntattntn cttataccnc 900  
 ctatattctn taatcattca tanntaccaa cntacatcat tcnacacctn tatacctcat 960  
 natctatnct attctactct acatacanct catagtcant antctatctc anctcctcan 1020  
 catctcactc mnnatctaac ntncantnta tctatctctc cnatctatat tctacnctat 1080  
 acnacactac nctctcttna tnnctctnt atntcnnct tantattntc tctannctcn 1140  
 tatntatnct catcnnacan atatccatnn ttgcncnann cnannatctn cncctctctc 1200  
 nttatctana ctgntctntc tacanc 1226

<210> 4744  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 4744  
 gnnnnngagn gggggntttt nnnnnnaccg aagaacnctt ggaaaccccn ttgaattcaa 60  
 aaccatgnnc acaagctact tggtctntga gcaggaaccc atcgactcgn aanttnnccg 120  
 aggggaggag gaccacnggc gcccggnacg ccacaccnng aaatggggga gcancgcncn 180  
 ggggnaggggg gcccanccga aaatgnggca gnccgnaagg anaaanacgc aaggannnag 240  
 agcaggccca acngngngga aagggaanag cannagccgc annngngggcc gnaacgccnc 300  
 gcacaaaaac atgcggagca agagcnccca tggagaacng anggggcccc gcaaagnagc 360  
 gctagnncaa gnnagnacgn anaacnncna ngngaangtg gcngcangag nacnacagaa 420  
 ancgactggg nacccaaggc cagccngaca acnccanncn aanaccganc tgnnangcng 480  
 cagagnanga actgggatga aacaaannag gaagggcggt ggcgaagagg ncaactaggc 540  
 agcgaacaaa accnccacca agnggancaa ggangccang gngagacgcc agacgcntnt 600  
 gccagatca ggaaacgaaa gggacnnang ncgacatcna nancccnaga agngaacagg 660  
 agnnnacgca agcccncga cnanagaagn gagatgggct gaacagnnna nnatgtnatg 720  
 ngcagnnaa nagangctc aacgnaa 747

<210> 4745  
 <211> 1064  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1064)  
 <223> n = A,T,C or G

<400> 4745  
 cnttactaan ngmntgctat cgntctttcc gnangagccn agcgattcga gtggctgagt 60  
 ggaggcgccc agacctgggc aggcagcagg ctcaggccca cacctttgng atttttgaaa 120  
 ccaaagccca gannatgatg tttacttntc tctccctggc tctgcccctc ttactgcaaa 180  
 ccatgctgtg ccttagggcc cttctcatag ntgttccctna tggccatgac tggaacaggg 240  
 atgcaacctn tttntacaca agcacagant agnttgngtg aagnntnttt ntnactccgt 300  
 ttacaccngt nnttcnnttc tanntgccna nancttcate caatcngntc annnnnntnn 360  
 ctcactcnaa cccanccatc cnannnnntcn nnnnnaacnn nanttcnctn ctnactntc 420  
 cctaancat caatnnnttt nntnnnnnatt annntctctn antatattna ctnatatcc 480  
 tencactntt tcataactcnc nattactctt nncnctacn ctcacacat acncttaat 540  
 nnnncnntn ctnatacna ncatnttctt nncantctac ancgactatn atagtctct 600  
 atcnnctnn aagntctnt naatnntntc tctganacnc cttctacgtg ntcttactnt 660  
 acntcaatnt ngctcatcat cactctcnaa cggatactt catttnngtg tatatatccc 720  
 ncatctnctn tcancactcn tctctctact ntatntcnca cttncgncac ncacgatata 780  
 nnatctncta cactcanaat cacnnnttat natctttta tanctcnnan tntaacngtc 840  
 nttntctnna tctntctntt teganatctc nncacntntc tntntatnct tnttcttct 900  
 ctntaatatc nantcatctt agtctcnnna nccaanant nancntncac tctntctacn 960  
 ttntctnctn nnnacacttc tactatctcn aatatatctc ttnntancat annacnncac 1020  
 ctanatnant cctctaant aacttcatct nctntntact annt 1064

<210> 4746  
 <211> 1471  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1471)  
 <223> n = A,T,C or G

<400> 4746  
 ccccnngcac acaangncnc anannnnncan cgannagagc ntgcagagac agcgcgnnna 60  
 cncnnnnnca cagccannca nnnngnnaa cgacgnnngg gcnggagnac gnaganncnc 120  
 nnacacnngg nnngnanaa nacngnanac acnnnnggna cgcngncncn gacnncnng 180  
 accncagcga nagnnncata nnnngggggg cnnnnagagg gagatccgcg cacagnattg 240  
 ggcantcctt ttttggnna aaacccggnt tgggagaaaa aacccccatn acgacagnga 300  
 gacagaggag aganngcgn cnnngnaccc agncacgtnc gcgacgtccg ancagccccg 360  
 acgcnnggagc gaggagcna gnaacnnncc nccacnncnc acgcnnaaann acnnnnnang 420  
 gggngacga tataagcacc gancngcnca nnatctcna ntcannannn ncacacncca 480  
 gcaanngcc nncngcgnca nnnnaanncca gnaacnnagg cncnnanann nncnancnnc 540  
 cnannnnngn ggacnnnnnn nnnngnnnnnn gcgcanaancn cccgngnnng nnnngnacca 600  
 nccccgccnc ncnnnnnnaa annnanannc taacaaaactn nnnnnannnn ncnngncng 660  
 cnaagnacn ncaggannnn canncananc nccnncannc accnngncnc cnaannngaa 720  
 gnantcnnnc gncanctnac ngcancnnac gnccangcnc nacannancg cnanancntg 780  
 ncgagacata nncgacgaga nncantngcn nntnnncnta ntntacannn cgcccganag 840  
 cntcngacag ncgntncgtc gacagcntnn cgcacacnnt ggntgantcc ngagncatat 900  
 agaatcagcg nnnangcaga cncnancag agnangncan ctcnacgacg anacaacatc 960  
 gcgnngantc annnnggnga cgantccnaa nnancagnng nncntacgca ganccccacc 1020  
 ncgaaannna tncanctann cagctngcna nggacanaca cgcgngnnng cacaagacga 1080  
 gccagacngc annacgcgng ngccnactn gnctcacgac acagaacann ntacacnagc 1140  
 gccngcnaga gncacacag nggtnagana nggncncgn ctnnatgcc atgngaacca 1200  
 cgnagacgca ccgagacatn nnacaangcg ctcgcgcaga gncnannncn nagacggccg 1260  
 tatnagnagn gancacanc nanngnnnga gcagcnnnan gcganagnga gagagcacnc 1320



```

agngganaca cgccgtagac cctctcngg nccgnccccgc ncnggnagca nccnccn 1380
ntntagacan ncagcgtgn nccatann gnaccatcat gtacncagcc agccmantag 1440
agntnncan acggcagcna gcagcacnnn c 1471

```

```

<210> 4747
<211> 915
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(915)
<223> n = A,T,C or G

```

```

<400> 4747
cgaccagaac ngcctngaaa tcccacaaac gaggagcaan cgacgcgaag acggcacgag 60
agcgcgaggc aacgnccccg ccattntnnn ccacgctggg aagaccaaca cccnccggag 120
cgcgncanag cccccccacg gcggangcaa ncgangaccn ncggacagca cncacgggnc 180
gganccaggn acgcncgcn cnngngcncg gaaccnggac cagccaanag cgcngctgng 240
ccngacngag nncnccnaag gncganaanc ccgagcncgc agaagaancc ccggggaacg 300
agcngacggg anccgcaaaa aggcaccnaa gacacaaggc gcaccacgag gcncggaccg 360
ngncccnnga ngcccganag ccaacacagg ncannggnag ngacgnacag aaccggaaan 420
caacngccac acaaaggngc caaccgnacg cnacnggggg gcccnacaa gggnaaagac 480
ccaggaancc aagngggccn ggncnanccc cnggaaanng accnggcaan nngggcnnga 540
agaaaaaacc aaaggccnag cgaancngaa acccangcag ccagagcacg nanaggnaag 600
cggaanaana ccgganaggc cccaggangg accgaaagna ccgngggngc cccaangccc 660
aggcccaaaa cgcncagaaa aaggnnanna accaaaggcc cagngngccc cgaanaccn 720
nnncagcacc nagganaach aganagaacc ggcaccaacc cnanaanncc ggncaanna 780
canaanccat ccncaggggn gaaggancac nngccnnccc ncnanncaaa nccaaagccn 840
ncacaaangg ccacaggnc anagcanncg nacnaccgcc anacaangcc cagaanannc 900
ggggganngg ngccg 915

```

```

<210> 4748
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 4748
gtttannan cagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60
agaaggacgt gccgtgccgc tgggttctga gccggagtgg tcggtgggtg ggtggaggc 120
gaccttgag cagcacttg aagacacaat gaagaatccc tccattgttg ggtcctgtg 180
cacagattca caaggactta atctgggttg ccgcgggacc ctgtcagatg agcatgctg 240
agtgatctc gttctagccc agcaagcagc taagctaacc tctgaccca ctgatattcc 300
tgtgtgtgt ctagaatnag atnatgggaa cattatgatc cagaaacacg atggcatnac 360
ggtggcagt cacaaaatgg cctcttgatg ctcatatctg gtcttnanca acctgtntn 420
tgaantcng naccnchnat gtgnaaatcc cctntntaac ttctcaagnn tcncnngttt 480
nggnctttc ttaagggtgc cctttggggc cttttctggg gnaantttta anaangcana 540
nnngcgnntt ttaanagggc tnttttnggc cccccctnt ttttnaaaaa atttttntt 600
taaaaaagg gggattccnt tnttttnaa aaaanccaag ggnnncncc gggggccaac 660
htnnngnat taanaaaaat tttnggnngg tnatncaaa taaaantntt nttttggan 720
ggaaaatttg naaaaaann nnnnnntnnn nnnnnntnnn nnnnnnnntn nnnnnnnnt 780
nnnanncnt 789

```



gtcattccac	acatccacaa	a	tgatt	gggaagaaag	gacaacagaa	g	tctaa	540
aggatgcctg	gattccttgt	ta	tcanga	ctctaaatac	tctaacagct	gc	agtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat			660
ttgacaagtt	tggaaagttaa	ttagctttcc	accaaccaa	tttctgct				708

<210> 4752  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 4752	
ggnnttttnan	tctacanncn
actggctact	tggtcttttt
gcaggatccc	atcgattcga
	60
attcggcacg	agcttntntg
gnctnnccgn	ctattntgmn
atcagagnng	ctgggacagt
	120
tgntgctnnc	ctnnntnacg
nnagnngttn	nangnatgat
ntctatgtgn	annacatcnn
	180
gaannagnct	angaanaatg
ttgacnccan	tggttntttn
atgannactc	gaanatncat
	240
atatggnant	aaangcaaan
ctntannctt	gngannngnn
nctagtatna	ctcacgcgcc
	300
cngcnaagac	cctgctcntc
gcagnannat	acagtatgct
attctggact	tacngagtcn
	360
gttcnagcat	aatggattcc
nttgctctgc	tacntgnnmc
aganaatctc	anntnctggt
	420
naccaacctn	ncnangnnat
nncctantt	acgcctcgan
agnatgtgat	atnntaannt
	480
gaatnatana	tctgatgnac
tactgacagc	ttctngatgc
ctgctcagga	taatgcctgg
	540
ngcatntgac	atcaatanca
acctngntnt	naggctctan
tccttgaang	actntgntaa
	600
tgcntacaat	gnttataann
ttgnccatcc	acaatntgaa
aatcaggagc	ttgacngcgn
	660
tatnggncaa	caactnctac
ngaacntagt	gaacattgga
tgaatatnnt	aaagcctggt
	720
angcnnatat	tnggatn
	737

<210> 4753  
 <211> 795  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(795)  
 <223> n = A,T,C or G

<400> 4753	
tgtacnaann	antgnggtng
ctcgtncctt	ctcnnaanan
nnnngcttgg	cgaattcggc
	60
acgagggaaa	gagggagaa
agagaagctg	gttatttcta
gaggatgtcg	taatctacat
	120
cacaggcaga	actgatggct
cagtggctga	gtggccagta
tattgtcttt	tttttttga
	180
gacaaggtct	cgttttgtca
cccgggctgg	agtgcagtgg
cgccatcttg	gcacaacctc
	240
cacctcctgt	gttcaggaga
attgcttcaa	tctggaaggc
agaggttgca	gtgagattgc
	300
accattgcat	tccagcctgg
gcaacaagag	ggaaactccg
tctcaaaaaa	aaaaaataaa
	360
agtgcctttt	aggccggaaa
aaaaaaaaaa	aaaaaaaaaa
aaaactcgag	cctntanaac
	420
tatagtgagt	cgtattacgt
agatccagac	atgataagat
ncattgatga	gtttggacaa
	480
accacaanta	gaatgcagtg
aaaaaaatgc	tttatttgtg
aaatttgtga	tgctattgct
	540
ttatttgtaa	ccattataag
ctgcaataaa	caagttaaca
acaacaattg	cnttcatttt
	600
atgtttcagg	ttcaggggga
ggtgtgggag	ggtttttaat
ttcccggccc	gcgccaatgc
	660
cttgggcccc	ggtaccanc
ttttgntncc	ctttagtnga
gggggttaa	tgcccccttt
	720
ggcgtnaatc	atgggccata
acctggttnc	cngtggngaa
attgnttatt	ccgnnttcnn
	780
aatttcccca	nanct
	795

<210> 4754

<211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

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<400> 4754
gagaggggnnn tttcnaatgc cagctacttg ttcttttttgc nggatccctc gatntnaatt    60
cggcncgagg cncncnctgc gctccgtgnc tcaacanggc atgccnntnt ctncgtacac    120
tatnnagnga gattnnntag gactatggtn nagnanntcn gtacntgnaa aaggggganc    180
tattgcatct anaaacttaa tnatntaaaa ttgactnatt tagactagac tcaagaatgt    240
atatgctntt ggtaattagg aactctngag aatanaggct gctgattggt gccatancat    300
gtinctacaaa atngnatctc tatgggatgt actggcaant gtgtcataaa atgctnctgg    360
gttnattcat ncattccata agaaacttaa taccancnaa tgcattaaan ccnnngcnag    420
ttncatnaa ctgtanctat gnaacntttg. ttttaaggatc nntctgatgg tcntntanga    480
gcnatcttag ntctnagtca ttggncnat ccntntnctg tgagtaccag nacataccga    540
acttgntnnc cctgcttcca ctaantccag ntgtgaccaa aatctaactg gacatcatac    600
ganangttat agacanaaga ctantgagat ctaananntc ctgcnttnnn gnnnaaccnn    660
ctacaaaana ntannatnngn gggaanaatn ntntnccct ttggaccatt tgnccntcaa    720
atatnngccn ccngaataaa nntnaaccn n                                     751
```

<210> 4755  
 <211> 963  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(963)  
 <223> n = A,T,C or G

```
<400> 4755
cnaannagtg annngtgcgc cttgccnaac nannnaggcg ggggcgtctt ggtnttctag    60
ccttttagaaa aaaaaaatct agtcttggtg aagaaaatgt tcattttaat caagctccag    120
tacagcttgt gtcaagacct agtaagacca cttttaatgt gttcctggat atgacattaa    180
aaactaactt gaaaattggt aggatatttc cttgttcctt acttttattg taaaatctac    240
tacatnctta agaattaaaa aacgccattt cagaagagat gatagtttta tcttgccaag    300
gaattatctt cttagtagcc tatattggct tattccaaaa aaggcgtaa cctccatcaa    360
aacatctnct gcgcctctct ctcagcatat gctntgatnt ttgaagngtg naatagattg    420
gagctatcag tcacttatct cnaaaaaant gtnttctntn ttcttcatan cctgtgaann    480
agggataccc naggnaaagt tcctttctgc tgctctccct cctttggtaa tgcttacct    540
tatggaacca ctnaacctgc acaaaacctt tcnctttaa aanccangnn aanntggcca    600
antttctnaa ttangccanc ttattttatc ccncnggnt cattaaaccn aatntcttag    660
gcctggctnt ggggccttcg ggggggctt ttnggccttg cnnntngcnn tnttaaaant    720
ncaggccttn cnanaananc anctctntnc ntctaccgan naanaaccct ctcnanangg    780
nccctcttct tcananaacn cttcttnagc tcggagaggg ncccgaccaa tttnaaccgc    840
ttctntntnt ccccnccggt gtcacctttg gcttttcnnc nncantcncn catcttntg    900
cnnantnacn nnnnattntt gngngcanac acaacaancn cccaactcca cnctcntgtn    960
nan
```

<210> 4756  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 4756  
 gttttaatnn ntcagctctt gttctttttg caggatccca tcgattcgca agattgggct 60  
 atggaattgg aaggcctggt ttggagtact cttaaattaaa aaaaagttat atttgtaaaa 120  
 taaccaccac aagattgcct gattcacagt tcttctgagt attggcgtag gtaattatTT 180  
 aagatgtttg ataaattgta aaatgctttt tacatttttt aaggaatcaa ttgaactact 240  
 ggaaaccagt atgtagtatt cttggcaggt ctagggtttca taatcctaatt ttctttgcag 300  
 cccactattc agaaatgtag tgattaacag agtcaagaat gtttcaggat atttttggct 360  
 acaagtaaca atacctaact aaaagtgact taaataataa gcagtttggt atttcacaga 420  
 atgagaagct cagagccaga gagttacagg gttgggttcag cagttcagtt tcatcaagaa 480  
 cataagactt gcttacttta aagctcctct gcatgtcagc agagggctgc cccaatttta 540  
 gataccaaca tctggccaaa gaagagcagg gaatgcttct ttaagtactt attanggagc 600  
 aaaacttcct taaaagtctc ataggagggt tttccttagn ctcattggat ctcaatggct 660  
 cttgcatact agaaaaaggc cacattcctt actctggcat ttaagtt 707

<210> 4757  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 4757  
 gttttaatnn ntcagctctt gttctttttg caggatccca tcgattcgca agattgggct 60  
 atggaattgg aaggcctggt ttggagtact cttaaattaaa aaaaagttat atttgtaaaa 120  
 taaccaccac aagattgcct gattcacagt tcttctgagt attggcgtag gtaattatTT 180  
 aagatgtttg ataaattgta aaatgctttt tacatttttt aaggaatcaa ttgaactact 240  
 ggaaaccagt atgtagtatt cttggcaggt ctagggtttca taatcctaatt ttctttgcag 300  
 cccactattc agaaatgtag tgattaacag agtcaagaat gtttcaggat atttttggct 360  
 acaagtaaca atacctaact aaaagtgact taaataataa gcagtttggt atttcacaga 420  
 atgagaagct cagagccaga gagttacagg gttgggttcag cagttcagtt tcatcaagaa 480  
 cataagactt gcttacttta aagctcctct gcatgtcagc agagggctgc cccaatttta 540  
 gataccaaca tctggccaaa gaagagcagg gaatgcttct ttaagtactt attanggagc 600  
 aaaacttcct taaaagtctc ataggagggt tttccttagn ctcattggat ctcaatggct 660  
 cttgcatact agaaaaaggc cacattcctt actctggcat ttaagtt 707

<210> 4758  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 4758  
 atgcggncn aatnntnggc tactcgntct ttccgcaaga ncccngcgan tcgaattcgg 60  
 caccagattt gggagtnnta atatngacat tncgtngatg ctnatatatg taatgtctta 120  
 attgagattn ctgtnanggc anaaataatt aggctagggc tcttagtttt cattcctatt 180

gccaagtnt tgtcaaacta t	taatt ttaatgttac tttaaaaatc c	tctgc	240
tagttttgca tgncttata tg	aacagt gcagtaagtt gaaaactcag tgc	atgga	300
attgataaat gtcgatctgg t	gtagtatat ttatcgcat ttncttatat	taaaaaatgt	360
ctgcatgatt ncattttatt	tcctttgtaa ttacatttc agaatagtgt	attgctatat	420
gggtgccaa attgaatatg	aagaaccna gtgtttgtag tattatagtt	ttaagcaa	480
ctgtgtgng atacagccat	nagantggg cttatataaa ctctgaacat	gtaagatttt	540
gtacagagaa tcnttaactn	tataaattgt atatgancat gtaaattctt	taaaatgtac	600
atnanatact gtatttcatt	acctgtgtg tnatagtcta gtcattgcct	gtnaatataa	660
tttattacgt nntctgnagc	ataaaccat acatngatga cttannt		707

<210> 4759

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4759		60	
annncnntnn annantncnt	nntnnnnatc nnnntctnnn	tncntntnna tttaannntt	120
tatannnnnn tntnannnnn	antnntaatn atgttnttct	aatgnnggct nctactcttg	180
ntgnttgtgc agtaccnng	gattcnaata cggcagcagg	caagttccag tgaaccacaa	240
gtatggcaaa ncttatccaa	ttttatgctn ggggcagtca	gnacatacca gtttctgatg	300
tttcaggcat gagtgggta	aataagtgtg accacttaaa	gctgntcgtt agcatggaag	360
acttctccat tctatctttg	naaaacagac aanatatgca	cttgacatat tagcaa	420
gtntgaatt atncaactgt	ttgctattta nttaaactagc	aatgatgca tgtattntgt	480
ttttcatgtn ctgggcaata	tgagtaaaat ctgtcccttt	ttccccctnt gaatgaggtc	540
tnncatgntt gangnaaagt	nttgactat ngcatatant	nnggggacac agattttcat	600
aatntccatt ttttgggggc	ttaaggattt ntttttttctn	ntgtgaaaca gtnataannc	660
ttanncnata tnatancttn	aaatatntac caggaaaant	ccttttttga nttttcaaag	720
ccttnnatta antctanttt	ttaaagaaan cncntatggt	atattnttna aaaggttntt	780
ttcccccaa nccttanttt	tacctgnnaa nnccttgntn	ccnttttaat antatnttta	840
ccaaatntcc cnatttcng	ganaatntnn cccttccent	nccttgaaaa acattgtttt	842
nc			

<210> 4760

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4760		60	
tganctcatn tctcaagnag	nctanatngc cctaacnaga	atngngctng gggnaattcg	120
gcacgagcta gcagtaggna	acaaagtata anaatgacag	cagatgtgtg gncanaaatt	180
attcangcn naagacantn	gaactgaaaa nnaaagtagg	tcaatctaga attctatacc	240
caacacaaat atccttcaaa	aatgaagggtg aaataaacac	tttttgatgg acaaactgaa	300
gttgagagaa ttcgtnacca	gcagacctgt agtacaaaaa	atgttgaggc aagtttttta	360
ggcnnaanaa aaatgatact	anatagaaat ttgggctnca	caaaggantg aagaggcttn	420
caaaggttnn nattatntgg	aancatatga aagtnatctt	ttctcattnt caatcccttt	480
tgagaaactg cttaaagcaa	naatatnnac naggtactat	gnagncttaa naacatacat	540
anaancaaaa tgtatgacaa	aaactactaa agttnnccan	gantnntggt gtgtgcctgn	

ngcncngcn	tgtcttgttn	g	an	atg	gggacgatnc	attctnacc	g	cnnat	600
angtcctaac	ctnntntgan	ct	g	antg	gtntcactca	cncctcctg	gg	acacan	660
ntngaccctn	tctgnaanc	caaanccct	ct	caaccttc	cnccttctt	cnnanctntt			720
anctgnannn	tccttatnc	nccctnant	ccccccac	ct	ctcognat	cncctctcct			780
gcanttttn	gtccncanc	ctcccaacnn	tnngnnaatt	tcctcactgn	canacacann				840
nct									843

<210> 4761  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 4761									60
gntnttnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa				120
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt				180
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa				240
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt				300
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcacccag	gctggagtga	agtggtgcta				360
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc				420
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aatttttaaa	tttttaattt				480
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatgaactt	ttggcctcaa				540
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagcccat				600
gnttttatta	ttttttaaag	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca				660
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt				718
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt				

<210> 4762  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 4762									60
gntnttnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa				120
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt				180
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa				240
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt				300
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcacccag	gctggagtga	agtggtgcta				360
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc				420
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aatttttaaa	tttttaattt				480
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatgaactt	ttggcctcaa				540
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagcccat				600
gnttttatta	ttttttaaag	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca				660
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt				718
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt				

<210> 4763  
 <211> 768

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(768)  
<223> n = A,T,C or G

<400> 4763  
gttannccctt tcnaatgctn ggctacttgt tcttttttgca ggnncccatc gattcgaatt 60  
cggcacgagc tganttgcen gananntaat gngnngngnc aagagactct nccantntgt 120  
aantggctan ttagnttgnc tagctgagcn taatnaaagn nagnaaactt ttataactna 180  
ttaatattct gagnnnnncan gngcgccant acnntatncc ntnancttgn atctatgacc 240  
atatnaatat anngcataat nccgcttcta tcatgagtan ctactagagg natgcatngc 300  
gtgtaatngt gangtaatnc annttacnga aanttangtc ttgcangnat anggntnnnn 360  
nactaatatt ttannatata gatatgacat ntgtggaang agcactagag cntgcatctt 420  
tnatatgntn nttgnctana tgancagcan ngatgngnngn tcaaanttat nanaactcat 480  
ncnagtgtct gntcattcga accctacctg atantantct aacttgggaa aaaaaaantg 540  
gtctgaatgn tncanntttt aagtgnctat cnccagagtt ggaaataatg ccaanangcn 600  
tnggtnatta gnttcncaca tgtanngtta ggttttttgg actnntgcna ngcttactan 660  
ttgggggggaa gaagaattca gaagccntgg aaaggtnggt cngaanttaa ngaaatngta 720  
aaanaaagct tggnaaantt ttacccttgg caaggatngn ntngccnn 768

<210> 4764  
<211> 768  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(768)  
<223> n = A,T,C or G

<400> 4764  
gttannccctt tcnaatgctn ggctacttgt tcttttttgca ggnncccatc gattcgaatt 60  
cggcacgagc tganttgcen gananntaat gngnngngnc aagagactct nccantntgt 120  
aantggctan ttagnttgnc tagctgagcn taatnaaagn nagnaaactt ttataactna 180  
ttaatattct gagnnnnncan gngcgccant acnntatncc ntnancttgn atctatgacc 240  
atatnaatat anngcataat nccgcttcta tcatgagtan ctactagagg natgcatngc 300  
gtgtaatngt gangtaatnc annttacnga aanttangtc ttgcangnat anggntnnnn 360  
nactaatatt ttannatata gatatgacat ntgtggaang agcactagag cntgcatctt 420  
tnatatgntn nttgnctana tgancagcan ngatgngnngn tcaaanttat nanaactcat 480  
ncnagtgtct gntcattcga accctacctg atantantct aacttgggaa aaaaaaantg 540  
gtctgaatgn tncanntttt aagtgnctat cnccagagtt ggaaataatg ccaanangcn 600  
tnggtnatta gnttcncaca tgtanngtta ggttttttgg actnntgcna ngcttactan 660  
ttgggggggaa gaagaattca gaagccntgg aaaggtnggt cngaanttaa ngaaatngta 720  
aaanaaagct tggnaaantt ttacccttgg caaggatngn ntngccnn 768

<210> 4765  
<211> 1475  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1475)  
<223> n = A,T,C or G



<400> 4765

actaactatc	ncacacnncn	atgcnaaaa	tngccnaacn	cnnnnnaaag	ctnngggncn	60
anacctncac	cacncancac	ccaaaaaanaac	aancnaaaca	acaacagncc	cctcncacct	120
nnannccnnc	ccncataant	acancctccc	natagctntc	acccacacan	cacacncent	180
caacccccan	cancctcccn	acccccacc	caacccaa	acntnacnta	annccacccc	240
cacnaaanac	ccnncaaca	cnncacnaca	cnncanncc	tcacncaac	ccnccccacc	300
nccncaaccn	ancnccctan	canacccacc	cncaccccc	ccccaaacnc	aanccnncan	360
cnnacnacn	antcaaccc	nnaccacccc	ccncaccaa	caccctccan	accccanacc	420
cctnanaccc	ccncaaccnn	ccacacncat	cacnnncaca	acatntacnn	cntcacncan	480
caanacnaac	accacacnca	cacnnacacn	cacatcannn	natgnnctca	cacccactca	540
ntntaccaan	ctaacaacca	cacccatacg	ntatcncaca	canncccaca	acnnacatc	600
acacccancc	ntcnmnaacc	cacnacaccn	acacactcca	tacanccanc	ncacancaca	660
ccaannncca	ncaaaaaccn	acacaacaca	nannccacaa	cactctctnt	ancnnacact	720
ctaataatcnc	ntaaacatna	cncnnaacc	cacactaccn	caaccatnat	nccatacacn	780
cacacacaca	catcacaacn	cncnccctnt	cantctncac	ctacacacna	tnnacanaaa	840
cnnacaccacc	ctnntaachna	acacannntn	cacnacncac	accaccacat	acacccaaca	900
ntccctcnc	tencnncaca	ccacaccacc	aaaatcacc	nnnacaactn	tncnctnaa	960
tntnatatc	ntccaccac	naatntanc	cnacacncnc	annctctcac	aacactctcn	1020
cacanantant	ctntccntct	ngantcacac	ancannacaa	ctnncccaca	tctcacannn	1080
cnmtanntna	cctntcnanc	caccacacat	cacacacctc	acannncccta	cntcacnacc	1140
anccacacca	cnaaccccc	atncnctctc	canacacaac	acnanaçnnn	cctcannnca	1200
tcnacncaca	tncatcacca	ccnaccacnn	aacacctnct	cactacaaca	cncancnatc	1260
accnacncc	atcacacacc	acncacanca	caccctcacc	acccaanntc	acacactnct	1320
ctcccnctc	tctccaccn	ncncaatcn	nncaacacnn	ncccacccac	accctctacn	1380
ncnctacnn	tatctatcac	caccanacnc	acacatattc	atnnncacac	ntcacctntt	1440
annaacttca	cacaactatc	natncnncnn	tncct			1475

<210> 4766

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 4766

ggttnatanc	agctcttgct	ntgngccnga	tnccngtgaa	natantctct	ctagctcact	60
tgtntaaant	gganagtctn	tnatnatcgg	tatgaaccen	tnaaggagcc	atgtntaccg	120
gnctagctat	actngnccnn	gggaagnccc	tgctgtgtg	nantnccntn	ctgggatnct	180
tnaanagnaa	acnnnacgct	ctcncanatt	cntnagatgc	ncagntagct	tatnagncat	240
gggattgcc	nntgnnccat	ctnctgtctn	anggnctncc	anngcacnng	tttnncngac	300
naacnggncc	nctgtgtaaa	tagnaggcng	agaaatgata	cnntgctgtg	gaannaccaa	360
ccnactatgg	accngaaact	tgctggcnaa	atnaattatc	tncnacaaac	ngnaangtgg	420
ctcngagatt	gatngttggc	tataatatng	aagcccctgc	cctgtgacnn	tgatnctagt	480
gattattgca	tgncctctca	tctgtatant	gaaannçatc	tnattaggna	nagngttng	540
anacntttng	aaaggnçnta	ctggnaattt	acnttanaat	tnnttnccat	tgtccgacca	600
caaanttnca	agnttttccn	gncacatttn	nnnacttaan	ggcccnngna	cctggaagng	660
ctttgaaaag	gcgcctttna	aaannnggat	ttagccngnt	tnatttance	cnttttanaa	720
acnggnntc	aggncncca	attncnngaa	anntaacctt	tagncctttt	tnaaaacttt	780
ttggggnggt	cngnñatc					798

<210> 4767

<211> 1861

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1861)  
 <223> n = A,T,C or G

<400> 4767  
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 tncngccnna gnnntannnn nggntnggag nttngggngn nnnctancnc tatancennn 120  
 nacnnagggg ggggncnttn tnnttccttt tntctnctnn ngtgntnttc tntgnccttt 180  
 tncnctnnn cantctnnnc ctacagtnnt tnngttcnnc ccnnantncn nntnecgnca 240  
 tcctttnttt ccnncccttn ctctntntnc aancactntn natatgccnt atatactcnn 300  
 nncngncnac nctatnncta tncctnnnn tctnctctac nnnctcagta nttnnctctn 360  
 nnnngcntnc tanctnctgn gtctcncatc atatatncgc acgtnnncat tannctccca 420  
 gtcctnnct ctnactctna nnnangtctn tccgtctntt cnanannctc tntntnctat 480  
 ctnnattang tncagctct gnnncnttc acangagnnt atgncncntt tgtncatctc 540  
 nntactcngc nncacgactt cnatntctc nattnacang ntcactgcta actcanctnn 600  
 atntctctct ncnnnagcga acgatnntcg kannanacag cctntctgcn nananaentc 660  
 gcncntcgt tagngcgatc tnnagttna ttcttnatcc tegtnttgta ntatntntan 720  
 gaatacatna tcntncangc nncacttanc anntnncatg acnactntgc tctctgntan 780  
 cacanganct ttcnnngctn tcttacgann ntgcnnngcg anactntgac tntctnatgt 840  
 cgtctctcat nnatatttnn tntacatanc tnnctntctc ctncantntt gnctanctcg 900  
 ntgattctct atatngctca ctntnctat acanntntgn anacnattgt nactcaangt 960  
 cntcgnnnan nttctacgct cncntgacn ttccaatang ganatntctn tntcacnct 1020  
 gtntatncca ngctcttgan ccgannatan atcnnnatat cgacgacng cnamnnatan 1080  
 tctctcagcg natatncatc ngnnctctaa ncnanactg ctattcnant agnnncntn 1140  
 tctctatncg cncctcttan tacannattn ggnntnnntc gctancnntn tcgntctnn 1200  
 ttnntatan nntnagctc acnnncntg cgccatntnt acntcatncn nngtctccat 1260  
 anacatntac tntctatnaa ngtaccctnt ntctctcgan ancnncnatn nattgntcat 1320  
 nanatcanaa atntnnacnt ctctgatgac gntctcant atactgncac tcttcnnatt 1380  
 attatnnagt tcatgattct ntctctcana naanntcngn cnnnnctctc tnaccatntc 1440  
 nancgntagt gncatgcanc tanntcncca cntntatntg cgccaccatn tactctatng 1500  
 atctccntga nctatntnan gnatnatctn tncnccnat ntcnctgnt antcnancnc 1560  
 anacatncgc tctcatctan agtctctah gancncgna canactctc acanaagatn 1620  
 nntagcntat taatatgana nttcctcna nntccttnnn nncctatntn atannncag 1680  
 nanngactcn cgacatntna tcatntctnt cnnaacnct nttctannng tntnaatct 1740  
 gnannctcgt antcnnnca nttcnntntc atgcacattg cgcanntct ntncatcaaa 1800  
 acatactnta tntnagacg actnnagctn cnatactctc tcnnctnnan ctngcncntn 1861  
 t

<210> 4768  
 <211> 1522  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1522)  
 <223> n = A,T,C or G

<400> 4768  
 ctnttaactn ctaatncttc ttcttgccna cggcnccttan tatgngccnc tnaaaatcng 60  
 aataggggtc tnggggggnc tactcnaccn nncncncnc gncctnatna nnnctnaag 120  
 nntgnccttc cngcncctaa ntcnctct caccnncntn nccgncgngg ttttcccc 180  
 tctnccctcc ttncctatn ctcttnccn tccctctct nccccccnt tntcnatntn 240  
 cntccctent nccntatctc nccccccn cccccccanc catccttttc tnnctcccn 300  
 cnnctctenn tncctcacc tttntccnn tccnnntct cctcacnnc cncnntct 360  
 acatcnctc tcttncnt tnttctncc ttnnacactc tetatcatt atctcccan 420

ntantnttna	tccnnncta	c	ntcta	cctttecnca	nanntettca	t	ccctc	480
tcactccata	nctnaccta	t	naacttc	tntaatctct	tcmtcactn	ct	actcact	540
ctcttntctc	tcnnccannn	nttcacactn	tntnnnctn	tcctntcnan	ntcnttcatn			600
ctcanenctc	ctctntntn	tnttctctnt	ntcccentac	nncctcccta	tcnctctn	cn		660
cncatennac	tcctctctnt	ntcaccctc	ctnctctcnc	cntttatanc	acncttacnn			720
ctcncctnnn	cncnntctca	ctcactngct	ccatcnctcn	tntatatanat	ccccnctctn			780
tctgatctct	cncctnactt	ccncanactc	tactnacttn	tctncaactnt	ctancctctt			840
ctcctcanct	ctcganact	ntntcncann	tcatntccna	ncttntatac	cancgnctc			900
tacctntntc	cctcacnacc	ttcctctccc	ttcgnatcan	ctcncncnt	nctnctcaca			960
ctnnctcact	nactcatn	tntnmatctc	ncttantcn	cncncnctnt	cactctctca			1020
natactntct	nntctatctt	ctntcantct	tntcttncnc	actatncaact	ccccctctna			1080
tcttacctct	caccatnctn	ttnaatccnc	tcagntacnn	tctacatcat	tnccntccat			1140
ctcctgctna	cantntcnc	acatctctct	ctnnnnnccn	ttnactcct	ctcncncct			1200
cctanctcat	cacntccatn	tcnctctctc	tcnnactcta	cncntccct	cnactnntca			1260
nccccnctta	tccatctcnc	cnntctatct	accncactaa	ctctctccct	accnctntt			1320
cntccntntn	tctncttcac	atcantctac	tactcctncc	tntnctctat	nntcttntctc			1380
ttctnaccat	tatcncntc	ctctntncc	nncnntcta	tntcntntac	atccctccnt			1440
cacttactct	cacnncnctt	nccctctacc	tctctcacc	tctactctc	nttntctcnn			1500
catactann	tctcncctac	ct						1522

<210> 4769

<211> 1411

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1411)

<223> n = A,T,C or G

<400> 4769

ccncancccc	ccnnnnnaac	ccnnnnccnn	nnnnccnnnc	cnncnnannn	nnnnncannn		60
ancannannn	nnnnncnnnn	nnnnnnanch	ncnnncnnnn	nnnnncnnnc	nnnnnnctn		120
nnnnncnnnn	nnnnnnccnn	nncannnccc	cnnnnnnncc	cnnnnnnccc	nnnnnnntn		180
ccancntann	nntncnnanc	nnncnnnnnn	nnnnnnaaaa	agaagaaggn	nnnnncnnnn		240
nnnnnnnnaa	anagaaacnn	acnnggggnc	gcnngggggn	cncgnttttt	tccttataaa		300
annaggaccc	ttggggcgna	cannngcctc	acncatcgtc	nnnganaca	cgagacnttg		360
cggngnnnga	tttttnnaaa	naccgantnc	cncatacnna	cnacgncnn	ncgnnnnaaa		420
nnccnnannn	angnangtan	nnnnngaacc	ccnnnnnaaa	ncancnctn	agnaagnncc		480
anncagcact	cgctgggta	cctncnncag	ccgncgnncc	aatcacnac	ngntnnnacc		540
ancnctcnan	gaccagctaa	acctccanan	agccactctg	ancctcctac	ctntnnagac		600
cacngaacnn	attcnancag	gacncannnn	cctcaacacn	acnatcccc	cactgnnccc		660
cctcccagac	aaanncannt	cntnnaagcg	ccatncnccn	nnanancnnn	natecnann		720
anntctntan	ccccatantc	ccccacacac	ccccngnnc	gnncantnac	nnnaacann		780
nccgtagccc	cnntcctnaa	ccancctanc	atannacctc	tnnnnnccct	ctctgcncn		840
cacaacnnat	nanctncaaa	caanncnca	ncancacnta	anncnncnnc	ccacaacncc		900
cncgncgaac	atncccnna	cnnagnaccc	acacataana	naccnncacc	cnactnatat		960
atccacaanc	naancnntn	nnnnccaana	anccccnnat	caacancacn	acnaacannt		1020
cncncntac	nntatcnann	atcannnnca	ccnncnctt	annannnnnn	nntnacancg		1080
tanaaaacgn	ganaacnnca	nnncnntcta	acctnnaanc	cacnncnnc	acnncnanta		1140
nccctcngn	anncnnnan	ccnnacccnc	cttnanncn	nncccttna	anacnantca		1200
ncncnacanc	cnnncnnanc	gacncantaa	nncccaatca	nctaaaacnn	ctctcncnna		1260
ncnaacacat	cnannacgan	cntccnacan	atncacganc	ncnannaant	cnacncanan		1320
angntcnac	ntatctnnaa	acnnaannat	nctcactanc	acacaaatct	nncacnanta		1380
anancnna	cgnaatcanc	aanataccnc	c				1411

<210> 4770

<211> 1349  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1349)  
 <223> n = A,T,C or G

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<400> 4770
ncctntaaaa tnnnaaaact nncctttgggc naaaacnnc ccctcaaaca tattcagacc      60
cccttaaaac atcagggann ntatggggnt cttntngggg gccnntnnnc antntcatat      120
cnnatacana nccccntnt ctacacatcn ctntctactt annanctctn nntcatcnc      180
tgnnnnctat anntatctnc tcccactccc ctacttcacc tctcncnnn nctcctctta      240
ccanccntat accncancac ccaacacnnc accnccnacc tancacctat canntcctca      300
nattctccct ntctccctt cctcctctc attcctcccn canctcnana ccncnnncac      360
ctcattctac tacacnnc nctccctct cccnnacnnc tctccatcct ncncccncc      420
nccttccnn ttntncct cctannncaa cactccacna caccnntcn tctcctcact      480
cctactcnct anccnann tcanctccan actntcctna cataactacc ccaactntac      540
nctctncatc cacctcannn tcacncatcc actctcntnt cnctctcttn nnacctcnca      600
tcnntctnac acctctnccc cttctcnttc taccattcac tctactctn nctnnctcac      660
tctctcattt cntcnacct ncatcactcn ttcnntacc ctatcnctct ntatctntca      720
ccatattcnc actcncgcac actctancta cnctctacct atactntcnt ctcatcacta      780
natntntaen tctctcnacn cttannnctc nactacncac tctcttctcc actncanct      840
anacacactc cctactncac ctacatatn tntctcncn ncatnatac ctctnnatnt      900
antcctctc tncnnacn tntnccctac acacactntc tcacactnac nctctctctc      960
tctntctcc tctcncnct atanacctnn cactctcant canccctact accnctcttc      1020
tctcctnctc cnctntcttc nanatnnncc nctctacacn ccacttacan naccacacat      1080
cactcctnca cctnctacn ntncttcac tanntaccac nncactcnca natctcctn      1140
tctntnctc nntnacnct caccatcntn tctnctcnc tcacctctn ccactctcac      1200
ctcttctana accatactcn ntntccactc cnccttcan ctctccacc nacatacccc      1260
nncaccncac tnacnctcc annccacatt cnacacntcc ntncnccct tctttcncn      1320
tctnccccc tntctncac ccttcccn      1349
  
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<210> 4771  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(791)  
 <223> n = A,T,C or G

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<400> 4771
gnntttagan nnnngccnc ttgttctttt tgcaggatcc ctcgattcga attcggcacg      60
aggttatggt gggaggagcc gatactgagc ttcttctat ttgccatggg cttcactgta      120
taaattaggag aggatgagag cccagaggta acagaacagc ttcagggtat cgaaataaca      180
atgttaagga aactcttatc tcagtcatgc ataaatatgc agtgatatgg cagaagacac      240
cagagcagat gcagagagcc attttgtgaa tggattggat tatttaataa cattacctta      300
ctgtggagga aggattgtaa aaaaaatgcc tttgagacag tttcttagct ttttaattgt      360
tgtttctttc tagtggtctt tgtaagagtg tagaagcatt ccttctttga taatgttaaa      420
tttgtaagtt tcaggtgaca tgtgaaacct tttttaagat ttttctcaa gttttgaaaa      480
gctattagcc aggatcatgg tgtaataaga cataacgttt ttcctttaaa aaaatttaag      540
tgcggtgtga gagttaanaa gctgttgtca tttatgattt aataaaataa ttctaaaaaa      600
aaaaaannnn nnaaaaaaac tngagcctnt anaactttag ngagtccggn ttacntnnat      660
cccgacctg gntaaggata ccattggntg aantttgggc caaaccccca annttgnaat      720
  
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gccttggnaa aaaaaatgcc ttttgg ggaaaatttt ggggaaggcn n gnttt 780  
aatttngna n 791

<210> 4772  
<211> 750  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(750)  
<223> n = A,T,C or G

<400> 4772  
cggtttnaga atcnancnct acttggttctt tttgcaggat ccctcgatgn ngaattcggc 60  
acgaggn tac ntgcaatnac catnntggna tcagtncaact anngcctctc ntagaaaaaa 120  
ggggaccnag agacnggtnt tcacatntc gcccatgcng gtctcacact cctgagctca 180  
ngccatccna ctncctnnan ctaccaaagt gnttccgtna nagncnaact catttttnatt 240  
caatggccat ngntctnac acncnattga natntnagcn naccntannn cagtntcan 300  
ataccacntg gcgnatnnan aaccccnnga tgcnnagaccn tngtgaacca natgctnana 360  
tgccattcaa tcaggaagat gccaaaaatg nnctnnttat tntaanataa gtacttaagt 420  
nancantatt cagaantgac nntctcatan ggaagcntnn ttatctnctt nnatnannga 480  
nattgttana atcnttncn ntaatccacc ttnatnnnta cccntttgtt tattaaggca 540  
aaagattncn nttatccnnc tannaatgct tcatgaaatc naanntaata tttnttnaag 600  
ctantntcca ccattanttn nnnntgtaca tttntaatn tgnaannccn atcttgtatn 660  
aaagaacct aatnnccaan nttcctnaa tnatgntnn attccacctt tanncnatat 720  
annccnaact tntcttntct tttnttcnnc 750

<210> 4773  
<211> 979  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(979)  
<223> n = A,T,C or G

<400> 4773  
gtaccnattn atgtgctant ctgctenttc tttntgcaat atcccatcga ttcgaatnng 60  
gnacgagccn ncctggctnc tgncaggatt gacnnattgn tagctntttc tagannnnngn 120  
gnatggtggt gcatggccga gtcttagtat ggtggagcgg atcatgaaag cccagncaact 180  
tgngggacaa ctncaccatg ggctatatga nggccaaaaa ncacctggag atcaacctg 240  
nccaccccat tgtggagacg ctgcnagcaga aggctgagc cgncaagaat gataaggag 300  
nnaaggtcct gntnntgctg ctgctngaen ccgncctgtt atcntctggc tnnccnntn 360  
aggntcccca taccactcn aaccgcatct atngcatgat caagctannt ctnggtattg 420  
ntgantatna nntgncacc ananganccc acnnettgca actnctgatn agatccntt 480  
tntcnnggc nacgangatn catttnntcc tngaanaagt ccatntagtc actttncnnc 540  
tccnntntcn aacctnttc tccctanan cttacntttt ccnntatcn cctcnncatc 600  
tcgcnatcc nccnctctn cccccntcc tcatctcenn tgnnctatc tnnccnccc 660  
ccnctcnnt tntctnattn tacttctccc tctctctcnc nttnncattt tctancctct 720  
cntnctntc tntactnnn ctncntact acntcactcn nctcctact cttnncnant 780  
nnnctctnc ctntnccctc nctntccnn tcaactnanc ctentnntnn ntcnntcnac 840  
cncntnctc nanctcannn nctnnntnca tcatcatann ctntctcnc tnanntnct 900  
ntcctctct cncnctntn cncnctcan tcttctcnc tctctntcn tctctntct 960  
ntcaccntcc tntctctct 979

<210> 4774  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

```

<400> 4774
nntaaatcan ctcttgncctt tttgcaggat ccctcgattc gngnnnangt cgagnacntt      60
cntagggggc ctnantctaa tangngcctt ntgncgtgtca tgatngncaa ttganaagna      120
nttnantanc ncatttagaa tctantgact agcctcctct ctggtnngctg gtggcattna      180
nggttcanac cancntaan tgctgggtgt gttnnaanang tctcacgtgg ctgcntgtcn      240
tggctcatgc ctgtnntccc aacattctnn nagggccacn cngtagaacn gctngagncc      300
angagtncag aatcagcctg cgcaacatnn caatactccn tntcataaaa attcataaat      360
aacangtctc acgtgaccaa nggctcctga agctagaacc angtttggat acaagattga      420
agatccacan gccantcttg cntctgagcc ntnnngccta ntngngncat gtntnnnaat      480
tgntcanggc nagagcnnnc nntntngcnt natacnggaa ngncngctta attngcnnnn      540
nttcagtcca aatnnnatac tntngggacn ntaacntgcn ctatnctnta tnnccagaga      600
ctacngtctt antcatccan naaatgancg atngntnatt attcccatgg cacctntatn      660
naaatccaga gttcttcgca gnccttnngc tntttatatg tgnccaaat nttaaaccnt      720
nataattatt gggcntctga n                                                    741
  
```

<210> 4775  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

```

<400> 4775
aatcngctgc ttgctactcg tgcngatccc tcgattcgaa ttcggcacga gactttatga      60
gaagaatctt actgaaaatc aagaagctct tgcaaaagaa atgcgagcag atgcagatgc      120
ctatagacga aaagtggatc ttgaagaaca catgtttcat aagctgatag aagcaggtga      180
aaccagagc cagaaaactc agaagtggaa ggaagctgaa ggaaaagagt tccgtttgag      240
atcagcaaag aaagcttctg ctctttcaga tgcgtctaga aagtggtttt taaagcaaga      300
gataaatgcg gctgtagaac atgctgaaaa tccatgtcat aaagaagaac ccaggttcca      360
aatgaacag gactcaagct gtttgcctag aacctcaca ttaaatagact cttctgaaat      420
ggatccctca acacagatct ctttaaatag aagagcagta gaatgggaca ccacgggaca      480
gaatcttatt aagaaagtga gaaatcttcg ccagagactc actgcccggg ctggtcacag      540
atgtcaaacc cctcatcttt tggtgcata gaatgcatgt caccttgaga cggtcganag      600
agagacctat tttgcaatca gtgacattga tttttagatt atttatttaa aattcctatn      660
aagatcagcc ctttgtacag aaaaatgtgt ctataaaaat tatgtgttat t                                                    711
  
```

<210> 4776  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(858)

<223> n = A,T,C or G

<400> 4776

tccccatttt	gaatnnanch	agctacttgt	tctttttgca	ggatcccatc	tattngggng	60
nannctttnt	tgnaatnch	ggtacgnnnc	tatgnatcan	gactgnactt	nggtanctnn	120
cttggcccnt	acagnngnaa	ngaangatgg	gctgggtggat	tggcccacct	gggagcaaca	180
tggggcangg	ggagccctca	ccctnagcca	nccagacgag	tgggatttnc	cccagnacan	240
nataccccct	tcacaaangg	accactnaag	tgcttcatta	agcaagtcct	ggatcctgtg	300
cccnccaact	gggtgagaca	ccccaatggg	tcaccntaca	ccttatacaa	nagcatttta	360
ctggcatnan	gtgggtgccc	ctcaangaca	nagatcccan	agganngagt	ggggtctnat	420
ctttgtgtgt	nttccatcac	tctttgtgtg	catnttcagg	tntgggaggg	accagatta	480
gtattggctt	tgaangaaat	tcccannnat	antgcannta	tncctnnecat	aagatgggtgc	540
ctanacttgn	ttataagngn	ataacantna	ngtctacacc	naacnttcan	ccntaaaaaa	600
attnccctan	cnaaaanncc	tcaatntttt	aaagggtcna	ctgcttncnc	tttacaagga	660
atctnantgn	tggnttaacn	anacnttctt	tgtaaanatt	ganntaaacn	gggntnttng	720
tatntatann	tectnctnta	acnantcctn	tgatnaaang	ggnttctatn	taatcggtgn	780
ttctgcatcn	taaccttctc	naanaaanng	tattctctnc	taatntcanc	cncntttnta	840
ancnnngtca	anacgcgg					858

<210> 4777

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 4777

ccnncnncnn	nnnnnnnnnn	cnnnnnnnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	cannnnnnnn	120
annnnnnnch	nagnnnnnch	cncgnnnnnn	nnannanngn	gnacnncnnn	tanancnnnn	180
nnnnnnnnnn	nnngnnnctg	ncnnnccttt	tcnaaaagct	ggtcctcngc	nactnnncag	240
gcagcccnnc	gattcagaat	tcggcacgta	ggccaagtat	gcagtgtnaa	cggctgnnag	300
nntcgagaac	cngagtgtgn	gctctccntg	nngaccnaga	ncgangcgag	agctccaagn	360
anganatgan	tgngacctgc	atggganaag	gncaggngga	tatcatggag	agcgtgaana	420
nccggtctga	aanganacag	gggtgccacc	cangtgccag	agatgcgaag	naaccaatan	480
agcaggggan	gggncaagng	nnnancgaac	ngaagagcan	nnaacgggnn	anangnnaag	540
gagcacaatg	angccctnat	cgcccnagac	nctcacgcn	atnagggctc	atncaaacng	600
agcaccgct	ttcnnttgcc	cacaaaatng	aattgantca	agnacgcn	gacangtgc	660
nanagccnng	ccattggaac	tcgtctcccc	cctangaatg	ctgcccttgc	nannaccat	720
tgctatgctg	ctnaccannt	cccnccttga	ttcctggggc	ccctcttatg	nactgnaacg	780
antcanccgt	gactaggggt	aaaaacgnan	gnggaaatgn	tatangaant	tngcaccang	840
naatcatngc	ttatccatnc	ccnaatgcat	ngntnaaant	tcnacaacta	gtncgtcata	900
gnacncntnt	ggaatannta	ggngaaactg	tggttatna	atngtccnan	ntggganaag	960
gganccana	tnaacttggc	tnaagcncga	atgtnnccn			999

<210> 4778

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(796)

<223> n = A,T,C or G

```

<400> 4778
ggtgnagtnn atgtctaata c gnnngc gnttgctntc gatgcaggat cccctccggn 60
gaagaagctg cagaagaaat gaagaaagt atgatgattt anattttgat attgatttag 120
aagacacagg aggagaccat caaatgaatt aatatcactg tattaataagt ctgccgggca 180
cagtggctca cgcctgtaat cccaacactt tgnaggagcca aggaggggtg atcncctgng 240
gtcangantt cttnaccngc ctggccaaca tggcggaacc ccatcttcac taatagtaca 300
aaaaattagc tgggccgtgg tggctcatgc ctgtaatccc agctactcaa gaggcttgan 360
gcaggaggat tgcttnaacc ctgnaggcgg agattgaagt gagctgagtt cgtgccatta 420
cactccacct ggggtgacana gtgagactct gtctcaaaaa aaatanaata aaaagtcnat 480
ttacaatgtg aaattctgac accttttggc tttgagtatt ttcccaaaga tattttgaat 540
ccttantgaa ggaaattnan aaaaaancta tgggaaaaaat tggacnaaat ttcattnctt 600
gaacaatntt aaaattgggg tattatttac ctttaacant ccaacntaaa ccangaattt 660
cagnaattgg ntgggnttgg attaanntaa cntaacctca tgttnaaaaa ttaaaaattc 720
ncattanttn ccttggcctc naanaaaant nntnacncan ataaactccn ngcccagncc 780
ttttcnnngc cttttt 796

```

```

<210> 4779
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 4779
cacaagctac ttgttctttt tgcaggatcc catcgattcg aattcgcggc cgcggcgcca 60
atgcattggg cccggtaccc agcttttgtt cccttttagtg agggttaatt gcgcgcttgg 120
cgtaatcatg gtcatactgt ttttctgtgt gaaattgtta tccgctcaca attccacaca 180
acatacgagc cgggagcata aagtgtnaag cctgggggtgc ctaatgagtg agctaactca 240
cattaattgc gttgngctca ctgnccgctt tccagtcggg aaacctgtcg tgccagctgc 300
attaatgaat cggncacgc gcgngagag gcggtttgcg tattgggcgc tnttccgctt 360
tctcgctcac tgactcantg cncctcggtcg ttcggtgng gcgagcggta tcaactnact 420
caaaggcggg aatacgggta ttcacagaat nagggggata acgcaggaaa gnacatgtna 480
ncaaaaggcc ngcaaaaggc cagnaaccct gaaaaaggcc cncgttgctg gcgccatnna 540
catangcttc gacccctga cagcatnaca aaantcgacc ttaagtenga ngtggcgaaa 600
cccgnacagga ctattnanat ccagcgtttc ccctggaact tccatggcgc tttctgtnc 660
acctgcgtta ccgatcctgt ccgcttttnc ttnggaaant nngtttntat at 712

```

```

<210> 4780
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 4780
cacaagctac ttgttctttt tgcaggatcc catcgattcg aattcgcggc cgcggcgcca 60
atgcattggg cccggtaccc agcttttgtt cccttttagtg agggttaatt gcgcgcttgg 120
cgtaatcatg gtcatactgt ttttctgtgt gaaattgtta tccgctcaca attccacaca 180
acatacgagc cgggagcata aagtgtnaag cctgggggtgc ctaatgagtg agctaactca 240
cattaattgc gttgngctca ctgnccgctt tccagtcggg aaacctgtcg tgccagctgc 300
attaatgaat cggncacgc gcgngagag gcggtttgcg tattgggcgc tnttccgctt 360

```



tctcgctcac	tgactcantg	ctgggtcg	ttcggctgng	gcgagcggta	ttctnact	420
caaaggcggg	aatacgggta	ttcagaat	nagggggata	acgcaggaaa	gntatgtna	480
ncaaaaagcc	ngcaaaaagg	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgncagga	ctattnanat	ccagcgtttc	ccctggaact	tcctagggcg	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngttntat	at	712

<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

atccagctct	tgtctttgca	ggatccctcg	attcgtgtgc	ctaagggag	ggaatcagaa	60
ggtggagaga	cttgaagttg	cactcaagga	ggccaaagaa	agagtttcag	atthtgaaaa	120
gaaaacaagt	aatcgttctg	agattgaaac	ccagacagag	gggagcacag	agaaagagaa	180
tgatgaagag	aaaggcccg	agactgttgg	aagcgaagt	gaagcactga	acctccaggt	240
gacatctctg	tttaaggagc	ttcaagaggc	tcatacaaaa	ctcagcgaa	ctgagcta	300
gaagaagaga	cttcaagaaa	agtgtcaggc	ccttgaaagg	aaaaattctg	caattccatc	360
agagttgaat	gaaaagcaag	agcttgttta	tactaaca	aagtttagag	tacaagtga	420
aagcatgcta	tcagaaatca	aaatggaaca	ggctaaaaca	gaggatgaaa	agtccaaatt	480
aactgtgcta	cagatgacac	acaacaagct	tcttcaagaa	cataataatg	cattgaaaac	540
aattgaggaa	ctaacaagaa	aagagtcaga	aaaagtggac	agggcagtg	tgaaggaa	600
gagtga	ctggaactgg	cagagaaggc	tctggcttcc	aaacagctgc	aaatggatga	660
aatgaagcaa	accattgcc	agcaggaaga	ggcctggaaa	ccatgaccat		710

<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 4782

tnctaggctc	ttgttctttt	gcaggatccc	tcgattcggt	tggtcagttg	caccttctgg	60
gtcactggta	gccgcgggag	ccgggtgggg	cctaggcgat	gatccggcat	taaggagctg	120
ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaaccaa	gatcatcggc	180
ttgactaggc	cctttgccct	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtccatgg	gctgccagat	caacgcacag	gggaactcga	agtcttcccta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gatacccgag	aatacagtaa	tggacaggcg	ggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcatt	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatatta	tagtttaagt	ttaggtanct	tgncn		705

<210> 4783

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)  
 <223> n = A,T,C or G

<400> 4783  
 tttgaatctg tctctctttn aaaccntnng ctncttgatg tttntgcgga tccctcgatt 60  
 gcgaatnntg cagcagatgg tgtttncctt ggaagctgag aanaatgggg cttaaagga 120  
 acaaatngct cangaagctg tttgtnatgc agnttattat ggaaatggcc aaaaactgta 180  
 atgtggatcc aanagggtgt tttcgtctat tttccagaa ngcnaagca gaggaagaag 240  
 gttattttga agcattcaaa aatgaacttg aagctttcaa gtcaagagta agactttatt 300  
 ctcaatcaca aagttttcaa cctatgacag ttcagaatca tgttcccat tctgggtgtg 360  
 gatctatagg tttattagaa tccttaccac anaatccaga ttatcttcag tattctatca 420  
 gtacagctct ctgcagctta aactcgggtg tacataaaga agatgatgaa cccaaaatga 480  
 tggacactgt ataatttggg taagactgct gangccaagt gctattttgn tacaacgaaa 540  
 ggaagaactt ggctattttn tgacactttt atgggtgctg cactttattc ttngntngn 600  
 tttttgatgg ggagggaaa agnactgaaa tgttttcgna aattttntt tanngtgcen 660  
 gcttaggnnt ncttggtntn gactctgggt tctngaataa gangagntgn tcccatatgt 720  
 ttngnnggna anc 733

<210> 4784  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 4784  
 tnaattcagc tcttgttctt tatgccgac cctcgattcg aattcggcac gaggccaagt 60  
 atgcagtgtc aatggctaga agaatcggag ccagagtgtg tgctctccct gaagaccttg 120  
 tggaagtaaa gcccaagatg gtcagactg tgtttgcatg tttgatgggc aggggaatga 180  
 agagagtgtg aaataaccaa tctgaataaa acagccatgc tcccaggtgc atgattcgca 240  
 ggtcagctat ttccaggtga agtgcttatg gcttaaggaa ctcttgcca ttcaaaggac 300  
 ttttcatttt gattaacagg actagcttat catgagagcc ctccagggaa agggtttaag 360  
 aaaaacaact cctctttccc atagtcagag ttgaatttgt caggcacgcc tgaaatgtgc 420  
 tcatagccaa aacattttac tctctcctcc tagaatgtg ccttgacat ttcccattgc 480  
 tgtatgttat ttcttgctct gttatctttt gccctcttag aatgtccctc tcttgggact 540  
 tgcttagatg atgggatatg aatattatta gacagtaatt ttgctttcca tccagtatgc 600  
 tagttcttat tcgagaacta tggtcagagc gtatttgat atgagtatcc tttgcttatc 660  
 tttgtagtac tgaaaatttg cccgaagtaa ctggctgtgc agaattgtat 709

<210> 4785  
 <211> 831  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(831)  
 <223> n = A,T,C or G

<400> 4785  
 gnnngntgnc cggncnttta tacaatacag gctacttggt ctttttgag ggatcccatc 60  
 gattcgctga cctcctctc agagaaagca ctggccaacc agttcctggc cctgggccgt 120  
 gtgccaacca cagccagaga gcgagtggc gccacacaga cgggtcatnt gcantcacnn 180  
 gcgcggtaca ccagcgagat gcggagtgg ctactangca cggactctgc aatgtgagtc 240

accatgaaca	caacatgact	tggccaa	ctgactaang	acaagacatg	tgttgct	300
gccccagggc	cttcatgcca	tctccnt	gcnttgantn	naacangagc	atccaaac	360
tacncntgna	nnaataccan	gactnatgat	aatggncccg	anangaanca	aagctctgna	420
cantggctna	tacnttgtna	tttncgtagc	tgaagcatgn	ggntcacctn	nnntcangan	480
tttggngacc	aacntnnchna	actntnactn	taacncatgn	cttttctaaa	nnttnaaant	540
tttaatnncg	nntncaacnt	tcncaatntc	tggntttccc	nanntgctnn	gnnaggnaat	600
ctnnncntga	ntaaaantnt	ttnanacnca	anaaagntgn	agggtttcaa	nntaagcttn	660
aananntant	ncaaattnat	actttntttn	gngntnnnta	ntagnnnnnn	tnanaacnnn	720
tntntttctt	antnatatta	tnatagcnta	atataanntt	atantnatan	ncnatnnann	780
naacgtctan	anntttttat	ntcnntaaan	atttcttttn	naaggntntc	n	831

<210> 4786

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4786						
tttnnnngnt	ttannncatt	ttgctactng	ttctttttgc	aggatcccat	cgattcggaa	60
ttatagtatt	gacgtgaatc	ccactgtggt	atagattcca	taatattgctt	gaatattatg	120
atatagccat	ttaataacat	tgatttcatt	ctgtttaatg	aatttgga	tatgcactga	180
aagaaatgta	aaacatttag	aatagctcgt	gttatggaaa	aaagtgcact	gaatttatta	240
nacaaactta	cgaatgctta	actnttttac	acagcatagg	tgaaatcata	tttgggctat	300
tgtatactat	gaacaatttg	taaatgtcct	aatttgatgt	aaataactct	gaaacaagag	360
aaaagggtttt	taacttanag	tagccctaaa	atatggatgt	gcttatataa	tcgcttagtt	420
ttggaactgt	atctgagtaa	cagaggacag	ctgtttttta	accctcttct	gcaagtttgt	480
tgacctacat	gggctaatat	ggatactaaa	aatactacat	tgatctaaga	agaaactagc	540
cttggtggagt	atatagatgc	ttttcattat	acacacaaaa	atccctgagg	gacattttga	600
ggcatgaata	taaaacattt	ttatttcagt	aactttntccc	cctgtgtaaa	gttactatgg	660
tttgggggta	caacttcatt	ctatagaata	ttaagtggga	agtgggtgaa	ttctactttt	720
tatggttggg	gtggaccaat	ggctatcaag	agtgacaaat	naagggttaan	ggatgattcc	780
caaaaaaaaa	aaa					793

<210> 4787

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4787						
naatngcnag	gctcntgctc	tntgngcagg	ancccatcga	tncgaattcg	gcacggagggt	60
tatgagtgggt	catngtgaaa	atttggnatga	atacagcaan	gtagcaagaa	aatnnncngnc	120
ntatntacta	canttaacct	ntatnaactg	nnnngncata	tgacatccaa	atggtntatn	180
atnacctggn	aaanttanta	tagtntanga	tactaaaaca	gtatgnntac	aaaagtgaac	240
tnnctgtgca	nntntcacag	gntttattca	tgtgacacta	tatantgcct	anngtcacnt	300
ntcanccang	ttcntctnna	gtgnaantnn	ntcnagngca	tctngcacag	atgctnnatt	360
gactanagaa	tgaatncnnt	gggcgnnnat	acntgggcta	actgcngnna	tngatcattc	420
tananngcac	tnatgnanat	anccccatan	angccggaca	gacggtanac	atacnannng	480
angcnccaga	tncttttann	atgnatnatt	gagatttnac	cagtctcatg	tgccccgcgt	540

tntgtgttnn nctnanacan g	attnac nctgntctag ncatcttgnc t	tcgnga	600
aataatggct cctgcctcca t	aatgtt taggagngaa atgnaannan t	tcgtggg	660
cntgctngag tgcnaaaggc ctttacnngt	tgngancnaa ntngggnagc nagttntcnc		720
cnnatngtac gctccccctna ncaatntccg			750

<210> 4788  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 4788			
tgnnnttttg nttnaatgc nngctcttgt	tctttttgca ggatcccatc gattcgcgca		60
aactttttcan tctctctaaa gaagatgatg	tccgccagta tgttgtaaga aagcccttaa		120
ataaagaagg taagaaacct aggaccaaag	caccaagat tcagcgtctt gttactccac		180
gtgtcctgca gcacaaacgg cggcgtattg	ctctgaagaa gcagcgtacc aagaaaaata		240
aagaagaggc tgcagaatat gctaaacttt	tggccaagag aatgaaggag gctaaggaga		300
agcgccagga acaaattgcg aagagacgca	gactttcttc tctgcgagct tctacttcta		360
agtctgaatc cagtcagaaa taagattttt	tgagtaacaa ataaataaga tcagactctg		420
aaaaaaaaaa aaaaaagcct ctagaactat	agtgagtcgt attacgtaga tccagacatg		480
ataagataca ttgatgagtt tggacaaacc	acaactagaa tgcagtgaag aaaatgcttt		540
atttgtagaa tttgtgatgc tattgcttta	tttgtaacca ttataagctg caataaacia		600
gttaacaaca acaattgcat tcatTTTTatg	tttcangttc anggggaggt gtggggangtt		660
ttttaattcg nggccgcgcg ccaatgcatt	gggcccgagc ccacttttgg tccntt		716

<210> 4789  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

<400> 4789			
gnnnnnnnnn ttttnaacgc tngctacttg	ttctttttgc aggatcccat cgattcgaat		60
tcggcacagag gagagcttgg gatgtggtaa	tgccagccac actcctcaga gccgtggcca		120
gatctcatca tatattatca aaagcacatc	agtgccgaag aatcggtcat ctaatgttaa		180
aaccacttaa ggaatttgaa aatacaacat	gcagcacact gacaatacgt caaagcttgg		240
atttgttcct tcttgataaa acagctagtg	gtttgaataa gtctcagatc ctggaaatga		300
acaaaaaaa gtcagatacc agcatgctgt	ctccattaaa tgctgctcgt tgccaagatg		360
aaaaggcaca ccttccaacc atgaaatcct	ttggtactca caggagagtg acccacaac		420
caaactctgtt gggttctaaa tggtttataa	aaatattaaa gaggcatttc tcatctgtat		480
caacggaac atttgttcca aaacaagact	tcccacaggt gaagagacca ctaaaagcat		540
ccaggaccag acagccatcc aggaccaacc	ttccagttct gtctgtgaac gaggacctaa		600
tgactgcac agcatttgca acggcagatg	agtatcatct gggaaatctg tctcaagatc		660
tggccttcca cggatatgtt gaagtaacaa	gcttgccatg agatgcagca aatattttgg		720
tgatgggtgt ggaaaattct gcaaaagaag	gtgatcctgg aacaatattc ttcttcaggg		780
aaggagctgc tg			792

<210> 4790  
 <211> 829

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(829)  
<223> n = A,T,C or G

```
<400> 4790
gggtggnggggn ngtantttcta atgctgggnet ctengtctnn nncanganca cncnncggga      60
atnctcanna ncncaccttc nagecnccttn tgngagttct gatcanggna ttacactctt      120
ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa      180
gctggagaaa aagaaacagc tttcatacag tgcaaaactgt ctacgtctat gtaaaagaat      240
ttgagaaaca tggcagtagc cattgctaata taatctgggt atgtgtaaata agtttaactt      300
gatttttgac tctggngttc ggatctattt taagatcgat ggagtttaatt gcttcatgac      360
agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgntta cagatnttnc      420
naaangaatt nactctgcna aataactgnaa tgacnnntcn ngtgngacnt gttaggcgna      480
acgatanatt tngagantnt ntctcttttg tatngatttg gnnttangat gcanganncn      540
nattttcanc cnagngtggn catnaancct gacganaccn ctantntttt ttaannccctg      600
tattaancac ctagantgcc ccggngnccn aaataactna ngccccacnt cntntaaaga      660
acttctgnna aanntagttn agnccntccn ggccnntaaa ntggggngat gnannaaaag      720
ncngaaaacc nntgtancca ccccntantg gngcnnctnn nctattnnn tcnnnccgnt      780
nnctcctac atatcttncc ctnaaatnct ttgggcntca acnaatccg      829
```

<210> 4791  
<211> 747  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(747)  
<223> n = A,T,C or G

```
<400> 4791
nggnngttna tcnnentgnc agctcttgtt ntttttgcag gatcccatcg attcgaattc      60
ggcacgagct cagtaaccca attactagtn ccttttgaag agaccaggct gggaattggt      120
agtaataata atagctgaca tttaccaggg gctaccaca tgccaagcat catgctaata      180
ttgccaggtc cttctgagtc antgtgaatg gcangagcac cacatgttcc tttntcttca      240
gttcacacac attgagtgtc ttcattgtga agtaacaaca gagactgagg gcatatgtat      300
tgngtaaaaa aaaattttgt tactgggaaa atagccatta ctgggaaata gctttgttac      360
agaaagtcct tcatgtggct gggcacagtg gctcacgcct ggaatcccag cactttggga      420
ggccaagggtg ggtgggtcac ctgaagtcan gactacaaga ccagcctggc caacgtgggtg      480
aaactccgtc tctactaaaa atacaaaaaa attagctggg cttggtggca tacacctgtg      540
atcccatcta ctccggganc tgagggagga gaattgcttg aaccggggan gcngacgttg      600
tagtgcgcca aaattgtgcc cttgcattnc agcctaggcn ngagagtggg actccgtctc      660
aaaaaaaaaa aaaagggtgat ttaattaaaa ccagatgaac ccttncatga tcacgtgcta      720
tgaattaaaa caanatnnna aaaaact      747
```

<210> 4792  
<211> 860  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(860)

<223> n = A,T,C or G

<400> 4792

ctncttntnt	tntnnnattt	ttnanttntt	tanatnantn	tntttanttt	ggtgtngntc	60
nttntttctan	cctacacnct	ctttctctat	ctanancncg	gggnttnnca	aaaatntggc	120
tcttctatnn	tntcngnctc	ntctatnata	cacccantgg	cgaatccaca	tncaggggggt	180
ctncacccaaa	gttccaacct	ccaaagtga	ngactccgtg	gaacagcaag	ggnaggtgaa	240
gaantaataa	aagagaaa	aangaanaac	ngcanaanaa	aangaaaana	gaaaagaaag	300
aactaaagtt	agaaaaccac	caggaaaact	caaggaatca	naancctaan	aagcgcaaaa	360
agggacagga	ngctnacctt	gaggctgggtg	gggaggaagt	ccctgangcc	aatggctctg	420
cagggaanag	gagcnnngaag	aagaancatc	tcaaggacag	cgccagtgat	tgaanangca	480
cncntnggcg	canggaatag	gaanccngan	gcactnggaa	tttgaaacac	attctannaa	540
gaaaaagatg	aanctcccaa	nancatnctg	anggccngna	accanangac	natgantgct	600
tcctgcaaaa	ggttaattca	actggtaatg	gaactatttn	aaagcaaatt	ctgaaaccan	660
gncccccaga	caatgnaaat	naccattcna	taaagcctna	ggnaaaaaat	gttttatgct	720
ccantttctta	ccacaanntg	acatnattga	gccatnnacc	atattccena	atgatggaaa	780
cttccttang	tncattcntt	ttaacnaaga	aaattcaatc	cnannaaccc	cttaaccttt	840
naannttatt	tanaagggnn					860

<210> 4793

<211> 1222

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1222)

<223> n = A,T,C or G

<400> 4793

gnnntttttt	ccctnaaaaa	atggggccctt	gggggttttt	cccttaaaaa	ttggncctttt	60
gggggttttc	cnnaaaatnn	ncctttgggn	tntaannacc	gngnccgttt	tttcgngnna	120
naannngatn	ntctnntn	nctnnnnnnn	annnancnnn	nnntncannt	ctatnnncnn	180
nnnnannann	tatcnnnnna	ctctnntcaa	ttcnnnnnnn	actnnmntat	nnnnatnnan	240
cnnntggnnn	annnnntnt	catentcncn	nantnncnct	atnnncnnat	ctnannctct	300
cntnnnnata	nacctgncat	aanactnnnn	nncatagtcn	cttnacanc	tnttatancn	360
ctnatacacn	atctnttcta	antctantnn	atnatana	tcctcatna	ttnnntactt	420
ncanaccccn	ctnnccctac	nctnanncnt	cactcccnc	cnnatctntc	tctnctatnn	480
natcantntn	nnnccancca	ctnnnacnnn	ntactantct	accnnncttn	natctcnatn	540
natcatancc	atnntcnc	nccacnnttc	ncctnttaac	nnntntatnt	caatanaatn	600
nnctnancna	ttacntcnn	tentctctc	atntntntta	tctnctcatt	aannnnnnct	660
ccnnntcan	ntnnccntnt	mntactcnn	natcccntaa	ntnctccna	atcatactca	720
tctctcccat	anatactcan	atcctatacn	nactatcanc	tanntcttcn	antatatntt	780
tcattntttac	natccctctc	tcctcannnt	ntnaanacnn	cnaantacnc	ttanatctat	840
ntntanatac	antcnnntnn	ncncaatntc	anatnttcta	tcantctct	aannatectn	900
mntntnnnta	taatectanc	nanccacann	nnctccnnta	tntnnnnaca	catntatacn	960
cnactnannt	tctcnntcct	natnacatan	cccacnctnt	ncatacanc	ntcncatntc	1020
ntnnntntta	ttnttcanct	antaacatan	tnanantcgt	actnnnnann	cancactncc	1080
ctctttatat	tcactnatct	ntacatacca	tctannmann	nacnnttcac	nnatnctct	1140
ncttnaatta	canncacnct	cnntcatann	tcgnntatat	atcactctnt	ncnanatcca	1200
ctntntctnt	mntctccncc	cg				1222

<210> 4794

<211> 1068

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1068)  
 <223> n = A,T,C or G

<400> 4794  
 ggngcctttt aaaataccen gnttnnanac gcntngttac acncnctagc ttaaaagggg 60  
 gnggaaccct atggntgcat tgactgtggc aaggccttna gccnagaagt tttgccttgt 120  
 agcacatcag ggtatatcat acagggaaaag actnccttng tatgtccnga angngggcaa 180  
 ccctgntcac agaagtcagg actcattaga catcangaaa atncactcag gagagaaacc 240  
 ctatnaatgc anngactgtg ggaaagcctt ncttncaaaag acaangctca ntgtcannac 300  
 agaacnnaca cgggagagag accctatgnc tgngatgagt gtgagaaagc tnncttctat 360  
 atgtcntgcc nttgttaaac atnagcagaa tacactcann ggaagaaacn cnnggngatt 420  
 canngaang nggaaatntc ctgaccacan ncanggtncn tntcnnnnag ttcctaanta 480  
 gaacaatggn gcnannngng tanaaaggcc cctgntagna natannntna anaccttggg 540  
 nggcnnnnat ggatnnggnc nngtggggtn aatactgatg tgnatntctc nggntnancg 600  
 accantatnt tngcatntnt tcctattggn agnaatacct actntntaat ntcnnnatnt 660  
 nctgcgggan ntannnttnt ttagcatctn ctatccataa nnnncnaaat ngatcatcat 720  
 atnntcnatg nnetcatctn gtctnacact nttgggtngc catctgctnn agacatnna 780  
 ctntaanctn taaattnatc gctnantann acccanngtg ntnaccagcn gtnacnncnn 840  
 gctnctcngt nnngtatant ntcacnatca tantcantga atntanngan acngcatct 900  
 tntnannctg cctcnnactc tatcanaatn aagtnncncg aggnactcan antnactntc 960  
 nnnntnttcn canaatgtat catnnnctcn nnanantatt ttgantgcan atcatngnan 1020  
 acntatgaan ccnaatcatg tntattncna nngcnttact tntnancg 1068

<210> 4795  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

<400> 4795  
 tttctaaatn gcttggggtt cnaaatccct tgggtgacgc cctgcgctaa nntggcgtgn 60  
 nantgccnc gattcgctgn caagtctgga antcatattg gagcctgngt ngactgaaaa 120  
 ctcagcanga gttgatgta aagtcttggg tctgaaattn gtngggcagg agattaggct 180  
 ggaaactcag gcagaatttc tgtgttaca tcttgaggca taattcttct ccaaaaaaat 240  
 ctccattttt ttctcttaaa gccttggatg agccttggat gattggatga ggactacca 300  
 cattatctag ggtaatctcc tttgcttaaa gttaaactcac tgtgttaatc acatcaacaa 360  
 aataccttca cagctacatg tagtgtttga ccaaacaact aggcaccata gcctagccac 420  
 ataaaattac tatcattata ctttgtctta tcacatactt ctaccttga agggatattt 480  
 cccagttggg atagctacaa aacagaggca gatcatttag cctgcattng attngtantg 540  
 aaaaataagc ctttggtgng tttaaccact gaaaatgttt gcggcctatt agtantngca 600  
 caacttatcc tatnctggcc aaacatagaa tgctttcggt ttgcaaggta acangatccc 660  
 ctttacagnt gtacnaaaaa tnancnntaa aaaaactnga gccctntaga acntnntagt 720  
 ggagtcggan ttaacgttng ancccagacc ntggattang gatncattgg atggagtttg 780  
 gacataccac cancttggaa tggcnantga aaaaaa 816

<210> 4796  
 <211> 1094  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1094)  
 <223> n = A,T,C or G

<400> 4796  
 cnnncaaana cnnnnnnnaa nnnanaacaa cgggggcgnc ncnanttcaa anctggnaaaa 60  
 cnnntccnnc acagncnacg aacgaaangg cacnagcnng cnaggaaacc gccncngcnc 120  
 agcaaccgaa ggccaggnaa ttttnaanat cggngnggga ggacagnngg ggncaatatg 180  
 ggcgggantn nncctcaaac angnaaacn tncnngngg cggggganac cncggnaccc 240  
 atggannaan tncnacaana ccgnggggaa gacnggntat gcaggcnccg ccataaancc 300  
 cccctacta aggcnncang gancaccaac agntggnggc cancaaaaagc ntntaanaac 360  
 aanacctnac aanntcnnc ncnntttngc ntatcccacc acnggganac angncaacgg 420  
 tggacnctcn aacaannaaa atnngaaaaa caaatctccc caanaatngg gggnggaacc 480  
 annngnnangn nanctnnaac canaccgtcn tgnaacnngc nccaatacaa ngggngnngn 540  
 gnnngncanaa cangcnngn accngcacgn aaggnggngg gcnnngnatca cancaaacag 600  
 acaatatcca cggcgnaacc cnnncacnnc ntnaacggga ccngagtac acacangcac 660  
 gaangcccn cngnccccc nccccgnaa ncgagaaaac naangccngg atacaaaaaa 720  
 cccnaacca gccggncntn ncccccaac nngannaaag naacanaccn cacannngcc 780  
 nnngacaaan cncnacaana nngggnaaac aaacnctatg gganatcccc ctanggnang 840  
 cngacccggn aaacgganna ncacaancta aacaancngt ncacgcaaaa aaaaacngcc 900  
 caaggcccca tcacngaang gaaaacnca nacggnnann anagnncncc taannaaann 960  
 ccncnncng nncaatcncc cattcgaaa ncnncnctn ccgnaannn ggaanacnnt 1020  
 caaaaccccc cgannncgac nntatncagn aacannaaan ntgtgtgtna cnncccnnc 1080  
 ctaananatc nccc 1094

<210> 4797  
 <211> 930.  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(930)  
 <223> n = A,T,C or G

<400> 4797  
 ttttgctaac cgctggnetc ctcgntctct nngcaggatc ccatcgattc gaattcggca 60  
 cgaggtggag agcgcccagt ttccagagta tgatgacctc tactgcaagt actgctttgt 120  
 gtacggccag gactgggccc ccacagcggg tctggaggag gggatctcac agatcacatc 180  
 caagagccaa gatgtgcggc aagcactggt gtggaacttc cccattgatg tcaccttta 240  
 aagcaccaac ccctacggct ggccacagat cgtgctcagc gtgtatggac cagatgtgtt 300  
 cggaacgat gtggttcgag gctatggggc cgtgcacgtg cccttctcac ctggcggca 360  
 caaaaggacc atccccatgt ttgtccana atctacgtct aaactgcaga agtttacaag 420  
 ctggttcgat gggcggnngc ccgagtacac agacccaag gtggtggctc anggtgaagg 480  
 cccgnnaang gtgtgtttgn ggcccaaccn acnccaatag ctggngggca acacagaata 540  
 gntnctgtat aataatagtc tcattttcan agaaanant tntattccn ctctnnttc 600  
 ctaatcnca ntnttatta ntntnacn tcnnnnnncc ncctcatttn cncntttca 660  
 ttttatcntt atcttatnnn nntcnancct actnntatta ctctnncct nnantctcta 720  
 tncctacnac cttntaatac ctnttantic tanacttcnc nctctntacc ntctctctca 780  
 tntntnncct actctctccc tctctctcnc tccatattat tcttctctnn nantctntct 840  
 tntntctcnc tattancntn cctntctntn tctactatat catcatntnc tntcnanctn 900  
 annntcttat ctentacnta ctcanacaac 930

<210> 4798  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 4798  
 aaaaagncag gcnacntgna gacanaagan cccanngaag aancncagga aaagcccacn 60  
 ccgaaggggn anacggacga gccnaggcaa aggcannaa gaacagngat ttacanacga 120  
 tntgcccnga ancncnnggg gngaaancag nggcngggcc accagnaaag aaacnagnnc 180  
 gcccaggncn nngangnana cnanaaacgn aaganganga gnnagggggg aancangaca 240  
 ggagaggcaa aannaaaagn nanananagn ggcnagncgg acngaagaaa naaacaaggg 300  
 gngaagnaca ngaacnaaga aanagcaaag anaacnnaaa gngaacaann ccagcgccna 360  
 gcannanccn aggangcaca naaaacagca ccaagaagac ngnannagca ngagagnnga 420  
 agagangggcg cncacgggga cacacnaggc aaacgcgana agcagnacng gncnaggngn 480  
 cgcgaaagnan aagagacnca aggggangag agcanaaggg aacgggnggc aggaagaaga 540  
 caangnaacn caggaacgaa aaagggannc agaaagccgg agaanaaacac ggngaganag 600  
 naccaaggc naanaaggng acaangggca agagacanan accangnngg acnnaagang 660  
 cnacannagg naaaacanna gangaaanag gggaaacanga angnaaaagn gaaannnggg 720  
 ggaaaaganc aaacnaaaca gaaaacgggn nnggaaaaan nacaannгаа naacangngg 780  
 ncaannggaa nnaaagggga n 801

<210> 4799  
 <211> 813  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(813)  
 <223> n = A,T,C or G

<400> 4799  
 gnnnttttna annncgttgg tttcnatgta ncatttacna gntctttttg caggatccca 60  
 tcgatcgag gtccacagcc gaggtcganc ancggcacag cgaggtcggc agcggcncag 120  
 cgaggtcggc agttggcaca gcgaggtcgg cagcggcagc gaaggtcggc agcggcnan 180  
 cgaggtcggc aancggcagc naaggtcggc agcggggccc cgctgtgctc ttccgcggac 240  
 tctgaatcat ggcnaaccac nggccacgat ggcgacctcg gctcggcgcg aaagcggctg 300  
 ctcaaaanag gaagacatga ctaaaagtgg aattcgagac cagctaagaa gtggatgtga 360  
 cccccacgtt cgacaccatg ggctgcggg aggcactgct gcnngcatct acgcttacgg 420  
 ttttgaaaaa ccatcagcaa tccagcaacg agcaatcaag cagatcatca aanggagaga 480  
 tgtcatcgca cagtctcagt ccggccagga aaaacagcca ccttcagtat ctcagtcctn 540  
 cantgttttg gatattcaag ttcgtgaaac tcaagctttg atcttggtc cacaagaaan 600  
 ttggctgtgc cagatncata aggggcttct tgcttntcgg tgactacatg aatgtccant 660  
 gccatgcctg cattggangg acccaatttt tggccaagga catcangгаа cctgggttta 720  
 cggacaacat gttttcncgg gcacttccaa ggccgtgttt ttganatnat ccttncaaaa 780  
 aaccctaang gacacctgct nttnaaaaat ttg 813

<210> 4800  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

```

<400> 4800
ttnaatnctt ggcttttcan aa      tgga ngactngttc tttntgnang ac      acgag      60
cacgaatncg gcacgaggtc actntgnaac ccagactggg agtgcanccg tgtggncata      120
gggnnctgng cctggnanng tntgntcgag ntgtnatcnc nantttgntt ttgggtctgt      180
agcttaanna tgcngannna ngatgcnnnn annngtntng tnaganatgg ggtntancna      240
gtttnnncna ncngnnttca attncatggg ctcaantgaa ccnctgcnnn ggncnctna      300
ntatnnggga ctncagaca tngngnanna gtncgtggtg canatctcaa tattanaggt      360
aatatgnnat agtgatatcn atgacngtac catttgntc aaaatgtgaa aganataccg      420
ctgaagttaa tatgtntcnc cttccaantc nagecgccat ntcnntcnac tcngcnanta      480
tgtcgactca naatgaatga tngacatttn ngntantncn gcatectatc nagtgctatt      540
atnnctanan atntcnataa ttnnctngnc cctnnancct acannctng tcgnatgtnt      600
atccncttn ntggancctt gaaannttcg atagggggaa cntgatnagn gcagtntnac      660
anaatgnttg cnantntna ntccgaaana tcnaattngg gnagctgnta aacancnngg      720
gcntacctt ntaatgtncn ngggtntnta antcaaccng gntncngaaa aanaac      776

```

<210> 4801

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(720)

<223> n = A,T,C or G

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<400> 4801
tnnnnnnttt naantcaatn ctggctctcg ttctttntgc aggatccctc gattcgaatt      60
cggcacgaga tggcagttgc ttttgaagta tatgatgact tcctccacta caaaaagggg      120
atctaccacc aactgggtct aagagaccct ttcaaccctt ttgagctgac taatcatgct      180
gttctgcttg tgggctatgg cactgactca gcctctggga tggattactg gattgttaaa      240
aacagctggg gcaccggctg gggtgagaat ggctacttcc ggatccgcag aggaactgat      300
gagtgtgcaa ttgagagcat agcagtggca gccacaccaa ttctaaatt gtagggtatg      360
ccttccagta tttcataatg atctgcacaa gttgtaaagg ggaattggta tattcacaga      420
ctgtagactt tcagcagcaa tctcagaagc ttacaaatag atttccatga agatatttgt      480
cttcagaatt aaaactgccc ttaattttta tatacctttc aatcggccac tggccatttt      540
tttctaagta ttcaattaag tgggaatttt ctggaagatg gtcagctatg aagtaataga      600
gtttgcttaa tcatttgtaa ttcaaacatg ctatattttt taaaatcaat gtgaaaacat      660
agacttattt ttaaaattgt ccaatcacia gaaaataatg gcaataatta tcaaaacttt      720

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<210> 4802

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1117)

<223> n = A,T,C or G

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<400> 4802
atnnnnnnnn nancncatnt nctantcctn acnantnnnc ttncnctnn nntnntnctn      60
ananttggna tntagnngna ttcnaatncc cagctntngn nctntttgca ggatcccatc      120
gattcgaatn nggcacgagg aggaattcag ctatcagctc tcttcatgag tggagtagac      180
atggccttgt ttgcaaatga ngnntgcnga caaaccaatc ccctgggaac actgttgtcc      240
ttggatgtat tttgatggga agctcttcca atccaaactc ctcaaagcca gccgggaaaa      300
gaccccatc attgacctct gtgatggta agctgatcag gctgccaagg tagagaagat      360
gcncatanc gtctcnaaa gggctcagct tctncaggca nagccacann cttncctttt      420

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ccgncgtcac	ctgcncgtct	ctcccc	tgtctntggn	tacccccntn	naatttan	480
nccnnntncc	aaccctntt	aaacncnn	ngncantaat	gctntttnc	ttntttct	540
nttngnnctt	nntctectan	gnccccctc	attatngcgn	naaanncacn	gactatnttn	600
ntctnatggg	cntcccttta	accnccnctg	nncacactnc	tcnntcttan	tntnnatntn	660
tctncnatnn	tanncnctc	aatatctctn	ccatcacnnt	atctatcctc	nngtncctnt	720
ctnnctnant	tnnnatcana	ttttctattt	nncnactcat	ntctctacna	tcntantnta	780
tnnntatcaa	tctcananta	nactantatn	tcantntnct	acannatata	atatnctctt	840
ttnatntntn	tnntnatcat	ntanatnate	tntctnnnat	anctacatct	ctctntctnn	900
ncatntcatn	tagatacann	tanatntagn	taattatann	ncttnttctt	antnncnnnn	960
nttncntnt	catcnctctn	nnnctgannn	ctctccnntc	attcnattca	tacttcnnat	1020
tgatnatnca	ntannccatc	ataatntcac	ntccctcata	ncttnttctn	caanntatnn	1080
anattctcna	tatttcntta	tctatananc	nttgcen			1117

<210> 4803

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4803

ttcaaantgn	aggctctngt	tctttttgca	ggatcccatc	gattcggnag	antcccatnt	60
ctnnctgctg	acgagggacc	tgctttggtg	agtncgggaa	ggcccagga	gtngnggcat	120
gcnggctnct	nattcactat	ggggnttcgc	cntggacacg	tantcaantg	cgcattgctgc	180
tgcccatgtn	tnctgcccc	acttcaccca	nttgggggct	gctcaagggt	ngnnnggcnt	240
cngtggctgg	aggccagtat	ttanacaagg	ctctgtacat	gacacncaac	tgtgctnana	300
gtnccttcnc	tongactaca	ccnatgnttt	nacagtnccc	tnntgnnnnn	tcntnttact	360
acagtgcnan	aaccnnaatg	ancntttnt	tcctgctnna	tgccnnnnnn	antnnnnngac	420
nttntgttaa	tgtaacnaa	gtgtgtacac	tttaaannca	catattgtat	ggtnctctgt	480
annatnangt	gccngaacat	gnacatttcg	atanccanag	attagattan	nggtnttcat	540
anggctgggg	gaannggcat	ancttagtga	ttggtaatga	tntgggattt	nttttgggaa	600
tgaatgaaaa	tattctaaaa	ttngttgggn	nnttatccna	attctacgaa	atattnttaa	660
aaaaccacn	tgaatttgnc	tactttaagn	agagtgaat	ttnatgtcct	tgttcctcna	720
attaagcttg	ngnaaaaaga	tcgtaaaanc	nngatnnnaa	ntttctntna	nntngnnctn	780
t						781

<210> 4804

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4804

aagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	aggctgagac	60
anganaatgn	cntnaatnng	ngaggcagag	cttgagctcn	nttcgagatc	acnccactgn	120
actncaaccn	gngagacana	ntnngactcc	ntctnatacn	atgngaaccc	taaaatatgg	180
gntttntgca	cattccagat	ctcaanancn	tgattctaan	tgaaagatgg	caatatncca	240
tcagaccagg	tntnttctag	ntccntntta	cgaaatgtcc	acaaatggca	ggatcttcag	300
antcctagtn	actgctantg	ntncnaggaa	tntttntnng	gngactanna	tgtntctaaan	360
ctnantggag	gtgatggtnn	aacnantngg	tcactncact	aagaatcatt	nnatngnnac	420

tctatntggg	canatantat	ng	tgta	ccttaatan	atcatgcttn	aa	caatt	480
aatccactca	tgaanttnan	cc	nanc	tnnagtgan	ngtattacgn	nc	ccnac	540
ttgntnagat	ccttgatga	ntatcgact	aaccntnat	cttatgcagn	ntacaaaaat			600
gccttttnna	gggnaaatnt	gcgatgctat	ntgcnttate	cnaaccatt	tgtacnntcc			660
catttaacag	ggttaccnnc	catccaattg	gcaatngatt	ttatggnttc	ntggtttncn			720
ggggttngat	ttngngaangt	ttntttant	tcc					753

<210> 4805

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4805

agggnnnnnt	tttnagatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	tttgatcatn	ggncaggtn	ctggngagaa	ctgcctntgn	ggntagctga	120
ttnnnggggtc	cttcatatga	acganctgn	tggagcactc	acaggactca	cccgggtacn	180
aagattccaa	cangatgatg	ctnacatatt	ctgtgccatg	gancagattg	aagatgaaat	240
aaaaggttgn	tnggattttt	tacntacgg	tatagcgtat	tnggatnttc	ttttaaaacta	300
aacctttnta	ctcncccgga	aaaattcctt	ggagatatng	aagnatggga	tcaagctgag	360
aaacaacttg	aaaacagtct	gaatgaattn	ggtgaaaagt	ggganttaaa	ctctggagat	420
gganctttct	atggcccaaa	gattgacata	canattaaag	atgcaattgg	gcggnaccac	480
cagtgtgcaa	ccatccagct	ggatttccag	tngcccata	natttaatct	tacttatgta	540
agccatgatg	gtgatgatna	gaaaaggcca	gtgattgttc	attgagccat	cttgggatca	600
gtggnaagaa	tgattgctat	gctnacanga	aaactattgg	nggcaaattg	gccttttngc	660
tgtccctttg	ncaggtaatg	gtagtccag	tnggacccaa	ctgtgatgaa	tttcccaaaa	720
ngacnacacc	attncacgat					740

<210> 4806

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4806

gncnctttca	acttcgcccc	ttttnaaacc	cgttggtcaa	atcctcgttt	caancccntc	60
tgcaggatcc	catcgattcg	aancngcacg	agggggnnnn	ncgtggcnna	ttgcgngcag	120
tacccttcna	gcnngngna	aagtgcagnc	anncgtaaca	catgcggcan	acngcannga	180
gcanaatgnt	aatgnccact	tcttgantca	tnccagaact	cccttaagcc	cacaagtttg	240
tnnngngnna	ggtcaantct	aggaacncng	ccgngnaacn	ggtntctcaa	tnnagnatc	300
cttanttnct	gcatanaaan	gagngttctt	aaaacnntc	cngtaaagca	agnatntct	360
ganntncctg	aggatcattg	ctcccgnta	cngntgntgg	ggtgagcctt	caggngagang	420
ggaacagaat	nnngtactag	ggtcganagt	caananacta	aggcncttna	ncaacatctc	480
agagcanann	atttgnggag	cccntggaac	gntactgggn	aatttantca	gtgngcattt	540
ntnaagactg	ggncagggn	tggantnatc	tnttgccgan	gggnncntag	ngcctcanca	600
caacactgng	cnagccngg	acttagnaaa	cccctgcana	aactggnnna	annggcctnt	660
taaaantncc	ccanangtnn	accccnnaag	aagcncggna	agcccnnaaa	ctnccaaacc	720
aaccnctntc	tttcctcnnc	naantnnaca	ncntgggggt	ntgcnttggt	nnnaaatngn	780
nccnanaant	gcaccagntc	nacnntagtc	nnggggnacg	gnnc		824

<210> 4807  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 4807

tntagataca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagattc	60
ctttcatggt	acagtattta	ccccaagtca	tgattaaata	tctgtttata	tatttcttta	120
ttggattatt	tgtttatttt	tctctctcta	gactgcaagc	tccttgagca	gaccatgttt	180
attttgtcta	ccacaggtgc	tcaataaata	tttttgacta	tttattacat	gagaagggtt	240
ccatgcaaac	acccattgaa	tacgattgaa	cttgaaccct	aagagatggg	ctgtgacctt	300
tgttgccctc	aaactaatca	aaggggagtg	atattcacca	tccagaatct	agaataactt	360
anaccttggt	ggccaggagc	tagctaccca	tatgataata	caagagctct	cagagaaatc	420
atggaagttt	tgagcaatct	ctctctccct	ttgctaattt	acttttcaa	actgaagtat	480
aatgggaata	acttccccac	ctctcaaagt	tcagcatgct	ctgaaatttc	atgttctctc	540
aggcgagccg	attcatgttt	tccattccac	cctcttctac	tgggctctct	atgccctttc	600
tacagtctcg	nttntttttac	cctgggccct	tttncccttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagcttttngg	aagtttaanc	ttttgagaac	ccgtagantg	atttcagttc	720
ttaggaaaaa	taaaancccg	ttggn				745

<210> 4808  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 4808

tnnnncttna	aatnganagc	tacttggtct	ttttgcagga	tcccatcgat	tcgcttttta	60
acaatctggg	gctgtgttgc	ttctatgccc	agcagtatga	tatgactctg	acctcatttg	120
aacgtgccct	ttctttggct	gaaaatgaag	aagaggcagc	tgatgtctgg	tacaacttgg	180
gacatgtagc	tgtggagata	caaatttggc	ccatcagtg	ttcaggctgg	ctctgggtcaa	240
caacaacaac	cacgcgaggg	cctacaacaa	cctgggtgtg	ctggagatgc	ggaagggcc	300
cgttgaacag	gcaagggcac	tattacaac	tgcatcatca	ttagcacccc	atatgtatga	360
accgcatttt	aattttgcaa	caatctctga	taagattgga	gatctgcaga	gaagctatgt	420
tgctgcgcag	aagtctgaag	cagcatttcc	agaccatgtg	gacacacaac	atttaattaa	480
acaattaagg	cagcattttg	ctatgctctg	attgttcctt	agaccacata	tgttcttatg	540
aagcagcatt	atgcaagggg	aaaaaagcac	tatgtctgtg	tatgtatgta	tatagtgtaa	600
tacgtatatt	ttaacaaacc	tgctcttgat	attaagttaa	ngtgacacat	aagggtgaca	660
cagaatgtgt	aatgcaaatt	tcatagtaat	agtaacttta	taaaataata	tta	713

<210> 4809  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)

<223> n = A,T,C or G

<400> 4809

gnnggnnnnnn	nnnttgcnaa	tgctaggcta	cttggttcttt	ttgcaggatc	ccatcgattc	60
gaattcgga	cgaggtggag	ctcacctatt	tggaatatgg	ggcatttggt	ttttccactg	120
caatgatttc	agtctggtt	catcatgttg	gaattcgatc	acaccatttt	caaacaatgt	180
taacatagtc	cagcttttgt	ttttctcatc	tcttctgaga	ggagactcac	tgtttctgtc	240
tgaggaagct	cataccctcg	gcaaaacatc	aggacaaata	aagagaaatg	ggggtacgca	300
ttcccaacag	aagcagtgtg	ttatttggtt	taaaactctg	aacagagatc	ttggaaatct	360
ttcaaaaaga	ccattgaatt	cttcattggc	tgagaacgac	gttttaaaat	gtcttaaata	420
aggctttgtt	tgcattgttt	gagttcaagg	ggccttatta	ttgaatggaa	ttgcacaagc	480
ctttctttgt	gcaatcaaac	cattgntatt	ggtagtcttg	taaaggaaac	tgtggaatcg	540
aattggcagt	ggagtcataa	atctatttac	tgagtgtggc	ttccaagaaa	atgttgcaat	600
tcaaaatgcc	taaagtctgt	gatttattn	gagatttggg	agattcttaa	ataatatttt	660
ttaaaaaact	tccatgccaa	cnttcttgg	ttaaatggtt	tggaacctn	ccccttgatn	720
aaaaaaatta	aaaccaggcc	caaatggtnc	tcaaatttaa	aatct		765

<210> 4810

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 4810

aananggccn	ggcnncnng	nnnngccnnc	gnaagccctt	tnangnaac	ccctctggga	60
angccccc	cggcggancc	cngcgccgng	gnacncggca	cgnggcagac	nanacnanag	120
gttgacgngc	cnttttccgan	caggngacgc	acnacnngg	cnggggganc	cccangccgg	180
gcagnncggc	cggggggccc	gccacgaaga	acgcgggce	gggcgcncg	accnnggccg	240
cagataccan	caacgggcag	ggggcggnct	nnnggcccag	caagaagggc	gaaaangagg	300
ccgacggntg	ccnggcgcgg	caccacgant	ggcaccnng	ancggggaca	cgcgagagag	360
cangtggggg	ccgcgacaca	ggggagacgg	cggagccgng	ggacangggg	ngagaaccac	420
agnncnnag	cncgccagcg	ccggnaacag	ggcnggnctc	cangcccna	ggcnncgacn	480
cgngcaaac	ngcnggccna	ccggncncca	cantgaaaga	cnggaggaga	acgggganng	540
aangacnggg	ngcangaggg	ntgagnnggc	caacangngg	cnaacaaang	nnccacnacg	600
cccngnggga	nggcagngnc	agcggnggag	aaggaggacc	ncaaaggcga	cggngcaggg	660
acgcacnggg	naaaaccccc	aanaggcang	gaggggacnn	ggcgnaaggg	ccggggagg	720
nnгнаagggg	ggcccggngg	ccngggcccc	nngnacccnn	aaggcccn	ngggggggca	780
aananngcc	nnngaacna					800

<210> 4811

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4811

ngttgatcaa	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcac	60
agaccagaa	cctgctatgc	ggaacaaggc	tgatcagcaa	cttggtgaaa	tagacaaaaa	120
atatgctgga	ttcattcata	tgaaagcagt	ggctggtatg	aagatgtctt	accaggtaca	180

acaggcaatc	aacacatgcc	ta	gatcc	tgtaaggggt	ttcagacaag	ac	tcctc	240
tagcgctttg	tgttcacacc	tt	cccat	gatccgtgga	aaccgccaac	ac	cgagc	300
ctttcttatt	tctttactca	acctctttga	tgacacagca	aaaacagacg	tgactatgct			360
cttgtatata	gcagacaatc	tagcctgttt	tccataccag	acacaggaag	agccgttggt			420
tataatgcat	catatagaca	ttacactctc	agtttctggt	agtaacctac	tgcagtcatt			480
caaggagtct	atggtaaagg	acaaaaggaa	agagagaaaa	tcatcaccta	gtaaggaaaa			540
tgagtcaagc	gacagtgaag	aagaagtttc	caggcctcgg	aagtcacgga	aacgtgtaga			600
ttcagattca	gattcagatt	cagaagacga	tataaattca	gtgatgaaat	gttgccagaa			660
aattcagctc	ctttaatcga	atttgcaaat	gtgtccaagg	tattttatta	cttctcatgt			720
taaaacaaca	tttgaagaat	c						741

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4812

aaatntacag	tttcnngacc	nttgggcagg	catcccatcg	attcgaatnc	ggcacgnagg	60
atntactggc	cnattggaat	cnnaaacctg	anttagaaaag	gctcaacgag	ancangctnt	120
cagggctgct	aaggaagcaa	aaaaggctaa	gcaagcatct	aaaaagactg	caatggctgc	180
tgctaaggca	cctacaaagg	cagcacctac	ncaaaanatt	gtgaagcctg	tgaaagtttc	240
aggtntcaat	gtntactcan	gatggaatga	tnnangcatc	tggtcacagn	tgaagggtc	300
gcntnaccna	tnacactgtc	gtcctgcanc	acannncnag	catgnntgtn	ctntgcttca	360
aagnctgana	anctcttcat	ntcnatttgn	ntnacacnct	gcntgacctn	gccctctnat	420
acnacntggt	tctaaccogn	acntnttccn	tctatnntnt	tntcctngcn	aangnncata	480
tgngccnagn	cngcncngnc	ctcacatctc	gtgctcntgg	cncttntg	tgctgaaac	540
tcccttgnet	tacgtntgtc	tcntngggta	ngccctntcn	ctntttcnag	acttggnctn	600
aangtgtaca	acatntantg	tnnangcett	tctnnaggat	canctaantg	nntggacacn	660
attantaagn	cttntctntta	antacttnnn	attcaattng	ctccttcata	cattcntgnt	720
aaattgttcc	ctantctggn	nagcaattan	atngcattnt	tantagtnnn	gnntcccntn	780
tntgnttaat	gcctcnctta	tngggcggtn	ngggctcg			817

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4813

ttngnnaaaa	ntcnctana	atcnactttt	tggnnatact	tcggctcntat	anctaganga	60
naaggggnat	ccccantcn	gnatctcggn	acntnntang	ctaatacatna	gctatnnnat	120
tnnttacnca	tgnattctac	tannntcat	ntataataac	nncctaaatn	antcnnaata	180
nnaagnntnc	tnnggganat	antctnnnna	tnntngantc	nannnnannt	atntcaatta	240
ncnccataac	taanatanta	tntatntnna	tnttantnt	actantnnat	annacttann	300
nantactnnn	natacnanna	tatannanan	acnacnnnnt	tntntntnt	tctntaaatc	360
aannnnntc	ntatattact	ttncnnattt	tnnatnatnn	tnnatnnnat	ananncnnt	420
tattntcnnn	natattcnnt	atttnnanna	taatcnctaa	tcaaatanna	tnataacnnn	480
cctatcatac	aataagnaat	acnantcctn	nnnnncnnnc	tancatctt	nnttcnnnt	540

natanntttt	ntgatnncnn	at	tntna	atacctntat	actnatatnt	ta	tntnn	600
annntnannn	caantatatt	na	macnc	aaactactcn	actntntcna	nt	ncaaa	660
nanntantcc	atatntctnc	annncmtga	ntattanana	gatctntnac	tntatancca			720
nannnnattg	nncanatana	tatcantact	acataaant	ctacnntnac	tnntaaactna			780
naannnnact	atnactcgat	tntctatnca	cttatnncan	nactactacn	cataacanca			840
gtntntcgcn	tacntatanc	gagtnatctn	nttttaaatin	tatatnacat	actcnanaat			900
ancnatcnat	nattactana	catatnatca	actatatang	tnnagtanaa	atcatctttt			960
naattnttaa	ctaacagnnt	atnaactana	tgnatatnaa	tacatanant	atncaaactc			1020
ntnnctcaca	ncgttataaa	ataaccntat	aanattgntn	tatacagnan	atacttatna			1080
acttngnatt	ntatatntcn	cntctaanna	taccattata	atgcnatnac	actatntaat			1140
actatanang	ctanatcgtn	nnatgnntct	cncncttatn	tacnactgcy	antcannnnc			1200
ntnttatcgn	tctcatncca	ttntaccnan	catanatata	cccatattat	antantntgt			1260
nannctntat	atatntatat	nataactnann	ttngnnaatnt	catatntnan	tctcncagat			1320
mntacanntn	tnatantatn	aatgcctata	ntacatncc					1359

<210> 4814  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(858)  
 <223> n = A,T,C or G

<400> 4814								
cttgaattcc	cctaataaaa	ccgtttggna	agcccnatnn	ctntaggnnn	ncnntgcynt			60
nacgatnccn	cacgaggggn	ccactgacca	cnantatgtc	gnacntttna	caanggcctg			120
aactaacntn	aanaatnnca	aancatcnna	acggancggc	cctgcctnaa	cngacgacgn			180
ntcccnttga	gnnatagccn	ngcccnact	taactgagtn	attaacctg	tatnntntnc			240
ttcngnnggc	tcagaagctg	atngantnan	cncnatcacg	accatcganc	ttgctcnccn			300
nagancnccc	cagtnaggnt	nattnagnat	tnnctnccnn	nancntatna	naatggccgc			360
tccttgatc	nancnatcng	tgactctcat	ntactggact	catnccacct	gcacccangc			420
gnatntaaan	atccccatag	ntcacnnnaa	tnataanaca	taaattagga	tacanacctg			480
attganatgt	tnnagctgaa	caggntntac	cnnctgnann	ctcttggng	ttactatgg			540
atatgaacnt	cactttgaaa	actgggannc	nnaacgggga	ttnccttaaat	nccttnttgc			600
tataggcnaa	tanttnccgg	gagaggntgg	agtatcnngg	atgaancaat	tcancctttac			660
tgaanaaagt	gggcncggnc	tngaatecat	agggnaaaac	canttggttaa	nattatnggg			720
ttccaacgna	anncttgagn	taacnttcca	aanggnntgn	aagantttgg	gaaggcntga			780
atgggancaa	ngggggctcc	cnatccaaan	aaattgtcaa	ntttcaagtn	cctnggcct			840
ttntnaaacn	ntngaant							858

<210> 4815  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 4815								
tgnnttttg	nttcnaatgc	nngctcttgt	tctttttgca	ggatcccatc	gattcgcgca			60
aacttttcan	tctctctaaa	gaagatgatg	tccgccagta	tggtgtaaga	aagcccttaa			120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac			180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata			240



aagaagaggc	tgcagaatat	gcactttt	tggccaagag	aatgaaggag	gcaggaga	300
agcgccagga	acaaattgcg	aaacacgca	gactttcctc	tctgcgagct	tcatttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgcaagtga	aaaatgcttt	540
at ttgtgaaa	tttgtgatgc	tattgcttta	ttt gtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcattttatg	tttcangttc	anggggaggt	gtgggangtt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgagc	ccacttttgg	tcnntt	716

<210> 4816

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4816

naancnatag	ttcntgtnt	ttttgcagga	tcctctgatt	cgantgcgnc	tnaagnancn	60
gncaggnct	annctcacc	cattactggc	tgntgttcta	tnaggtctn	atganggnan	120
ctgacnnaga	ccgtgmnagt	aacnttggac	tctnctncan	tnactaaga	ananacnaat	180
gtgggcnnng	catntgccc	nctcgntga	ncacancnan	nnaagagnc	ccagcatggc	240
aattgcnatt	caccnga	gctgtncatg	aagngaactn	ngttcnngng	acggcattcc	300
nacctgngcc	natgccc	acnaggantc	nactggannt	cnagaannnt	gctnntgngc	360
ctcntnaang	gcnntgtat	ngctcaccat	ggagccctng	nggncttgg	acntnannta	420
ctatgacagg	ccanancact	gactgaccan	cntngatgac	ggctcntgtn	tacctatgaa	480
ttganntgca	tnanancntg	agngatcaaa	gttacnannt	ggtacacctc	tnnctcagng	540
at ttctcagg	tnnctcgatn	tcaannctta	atatntacan	ngctaattgc	acttagaccc	600
tgncacgttc	tngatgtnan	acntccttga	cnmnatngtn	acatntttnt	tcatgnctta	660
aaagtnaatt	ggtngcanag	tttctttcna	tnccggatgc	tctgctntta	cncaangata	720
cgngattnaa	tgtnaangnt	cgtcaggaag	nntttantga	acttntct		767

<210> 4817

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1154)

<223> n = A,T,C or G

<400> 4817

ngggggagg	ntgaggtgta	aannnnctcn	tanntattta	ccaagcctta	ctntggggtt	60
ctttttttgg	gccaggggaa	ttccccattc	gnatttggng	gaaatttcg	gcnaccgaaa	120
ggcagcaagg	gtntntggtn	ccacttgggg	gttgccaaag	gggcttaaan	aatgncttcc	180
aagtttaaaa	aggccagnyc	aaaaattaac	cgtngggggt	cgngcttgga	aaaaaaatac	240
cgtggtcaat	tttcttaaa	gttgtggatt	tatttggcaa	agnttnaaan	aatgggaaat	300
tggatgnttt	tccaacnaaa	ntaaggggtt	atttggtaaa	tttcaagggg	gtattagcca	360
caccaatttt	taaatggtaa	agcccnaana	aaggatgggt	ttgtnaccac	gtttncnaaa	420
naaaaattag	tnacctggta	tccanntccc	aagttgggtc	cacttttcnc	ttcctaaacc	480
tttcttggc	cctaccgcca	acnagcacca	ctttananat	tancnttggc	accgaatttn	540
cctngaagcc	acngggaaaa	gggaatacct	tttacttgg	ccctgggttc	accgaaancc	600
gacctnttt	agaccctnaa	tgaaccctta	ttttcactng	ggttnantaa	nacctttgtc	660
ntttggggcc	aggncttnt	ttcaaccctn	ggaatgcttn	aagggtngga	aaactaggan	720

ttaccenaac	ccttgcccc	ttntngn	aantnmacat	acccatttg	gttgcta	780
cctttinggn	attaccccat	tnnanc	ccngnantn	ccangngtn	ccantgg	840
ttectangta	aaatnncgga	aactttctta	annggnangg	acttgaangg	ncanagnang	900
aaatttngcg	gtagaataac	cctnnnaaan	ngtcnnaatn	tgnttaannt	ncttttaacc	960
ttgaaaaatc	ntagcncnca	cttggttanc	tntttgcccc	ntttnncccn	ncnnnannnt	1020
tggcactttc	cgntattccc	ctnanaaaat	ttaccngctn	gacatatntt	nactcccngt	1080
gcctntnggt	tnanaccacc	accntgnta	gnttcccaa	cttctncct	catgctacnt	1140
ctacggggag	gtct					1154

<210> 4818  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 4818						
ttnnnnnnnn	gtnttttaag	ntacaggnta	caannccctng	gctactngtt	ctttctgcag	60
gaanccatgc	gcntngcaat	gctgancnag	ggctntnntc	atgtatccac	tggnttctgc	120
cncccaaant	gctngactgc	agnngtgtga	tcattggctna	ctgcnnccct	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctctttttac	nnnattgnna	nnnnaattat	tanggnannn	tcaaggcnn	300
aatgnattgn	cacctncnt	gctcacctnn	gacttgaccn	gntganctca	tggnatcnna	360
nnaccncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcgtgtgccc	aactcaggta	gaactacngt	480
actnaagnga	tncnnccgtc	tgnnncnna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacanggggn	atntctcn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagntttat	gaagctncat	tgagggtnc	tgtaccaann	660
atggncgcac	ccaactggnt	tccatcttct	taatcagaaa	tnnacattg	gngcagnnga	720
aaaaaaaaaa	agaactcgag	gccttanact	atagttagtc	gtntng		766

<210> 4819  
 <211> 579  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

<400> 4819						
ttaagccttt	gntatctggt	ctttttgcag	gatcccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	gttgtaagaa	agcccttaaa	taaagaaggt	120
aacaaaccta	ngaccaaagc	accangatt	cagcgtnttg	ttactncacg	tgtcctgcan	180
cacanacggc	ggntntttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	cntcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgcaagagc	ctatgctgcn	tctctgtagc	nntctctaan	tatgatcnnn	nngaaatcat	360
nntatgannc	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tggcannnnc	tgangnaaga	tgttatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcatttgta	ngntgtgngt	tggagtctaa	540
ttggcnnncn	ttcttncctn	acctcttagt	cttatgtga			579

<210> 4820

<211> 1028  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1028)  
 <223> n = A,T,C or G

<400> 4820  
 cccccgccgn anaaactnnn cnatnnang nnncnnaann caccnnncan cnnnanannn 60  
 gnacgnnnan ncnncnnngca cnnnanacng canaggannt gncncncgga ttncncntga 120  
 acctggaaac cgcntctanc aggagncng cgattcgaat tcggcacgag agnncacagg 180  
 nnnatgcgncg acnanngcta aangcnanaa cggaannga gaagncgngg annnggngag 240  
 ncgatgacng gacacancnn atnngncaag nnggacgctt gnnnacgcag cnggaccnac 300  
 anggtgcaag angcncctga cnacatanaa nnaccanaaa aaaccnagg cacgnggcac 360  
 ntncccccgg agnaangcan cncnnnggga nngccgacag ngctgagaaa nngcngnaan 420  
 ccaggagggtg gaanangnac gagcaccnga naggcgccat ngcncctncan nnnnngcann 480  
 nancagtgc ctnntnnncac angaaacaac acnacagana gtcaagcacc nnaaaanctc 540  
 antacacnnc cacaaggagc gcnnntggac ccngctncta agncggangt nggnntaaga 600  
 cnatcgngan cccaccaann tcctntggcca angnnaaaan angcnaaaan nggncctnng 660  
 tcggcannnn gcnaantagc antgaaaaaa nccggnncca tnaaaaanac acgggnncaa 720  
 ncctnntnan ngngngnngc aanagngggg gcncaaanag naaaccnna ttgcacgcgn 780  
 aggtnnntaa ttagagggng gcanacggga cancacncgg accgnaanta nggcccncna 840  
 canaaactnn acccaaactg cccagggaaa ncgnaaacgn gacttttnac agaacttgna 900  
 ancgncgaa cccncngann agtnacanaa ngcagnnaga naaaaaantg ngtcngcncn 960  
 nnangnngnc tcatagggga cnaaanaac ataggganac acaccngag cnaanaanat 1020  
 taagggcg 1028

<210> 4821  
 <211> 832  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(832)  
 <223> n = A,T,C or G

<400> 4821  
 antggnaann ngggcaanaa nccccttaag aannactgaa nggaaaagcc cgnagcgntt 60  
 gggnggaann gggacgngag gggngggang aggggggtaca gaccggnttt tggncgncgn 120  
 nttncganga ncgagggngg ggnanntngg gggggngang naaggggagg cagngggana 180  
 aagatgcggn ggcgaggcca ngaaaggang gaagggaaga ngggaannaa gncaggngnc 240  
 ccnngggcaa caaggagggn aggggnacag gnagnaaagn ngnggaagng gaccggagca 300  
 gncnaaacng ggagngnaan agnggggaag naanggagng ngcanaaggn gagagagagn 360  
 acncagngna gaaacaggcn nnagagaagc agcnggngna aaaacnggcn ggnannagng 420  
 anaggagag gaggnannaa aggcangnga aaagaaggan ggcagangga aggannggna 480  
 anaagccan gagagngngn nnacnagaga anggggcaaa ggcgacagg gggaaaggna 540  
 aaggngangn agaannngag ggggcngaa gnaacgagac gnnnganngg ggaggnanaa 600  
 nggnnaanna gagggngaag gaaaggaaa gnggngngana gnggnnagac gnangcngaa 660  
 naggagggga ggagnaacng agnangnga ggnangngga agggnggacn gggnnncngga 720  
 gnnngaagg gngannnaa ggnngggan anggggngnn aaaggggang nannaannnn 780  
 gnaagaggga ngggaggna agggngggga gagaggngg agggcgaaaa cc 832

<210> 4822  
 <211> 1036

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1036)  
 <223> n = A,T,C or G

<400> 4822

anngacngnn	naaacnnnnn	nancnnnnnn	naaannnnng	aaanngaagg	naacannaan	60
nngnnnnncg	aaaaannnga	anacaacnnn	cannnnnnann	acaccaggng	nanaagnang	120
naaaggaacg	cgcncncnan	nnncnnncgn	ngngannacg	aaancgggna	ngacgntgaa	180
anntagaatg	cacagannna	nannancnna	ntagnaaaca	tcnggnnncn	nnannangcg	240
acatntntnn	ccgnttgga	acgcttgga	atctccgacg	canagagaga	gagaagagct	300
nncaananen	nagatagnna	gnancgnana	natanangnn	gtcannnnna	naggnnnngaa	360
acncnnncnt	ctanntnnc	gctnnnggct	cacagnngan	agncaacgan	ggcagaagga	420
acatgagcct	gatgaagaga	cnggaaangg	agcacctgnt	cctgnacctn	caaagagaac	480
agnccaaaga	aatacaccca	agcanggang	ctcagagatn	aatanacagag	agaggactnc	540
cancctnaag	gcangnatna	nganaaggca	aaanncaaag	gtaaaggaca	tgagagctga	600
agacttgang	angctaata	gacacangga	gcactgggca	cataggctan	nccctaaact	660
gnagntngag	ganattatcg	ncagagcaga	ataccnggga	agtaaaaagg	aagnnacagac	720
ctgnnnaaaa	cgaantcgan	tagaacnnc	cctanatata	catgaagaat	nntgntagca	780
natnatgatg	aangctgcng	gagaanaaan	gaaacactga	aagtnacnnn	antacnga	840
tnagaaccn	nnntggacaa	anntatactg	anaagngaga	atggctngcn	nnacangagn	900
anagttgaan	ccctaacagn	acgagcaacc	ancagagaaa	nngnnnaana	aantnaacaa	960
cntgggcntn	ggaaaagaaa	gcaaggcaaa	gcccgcagga	nnaanaaagt	nnatgaacc	1020
tagnngaaaa	tggang					1036

<210> 4823  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 4823

tnaatncttg	ctctcgctc	tngcaggatc	cctcgattcg	aattcggcac	gaggctacac	60
tgtgggggga	agatgctgat	aaatttgatg	gttctagaca	gcccgtgttg	gctatcaaag	120
gagcccgagt	ctctgatttc	ggtggacgga	gcctctccgt	gctgtcttca	agcactatca	180
ttgcnaatcc	tgacatccca	gaggcctata	agcttcgtgg	atggtttgac	gcagaaggac	240
aagccttaga	tggtgtttcc	atctctgac	ttaaagagcg	cggagtcgga	gggagtaaca	300
ccaactggaa	aaccttgtat	gaggtcaaat	ccgagaacct	gngccaaggc	gacaagccgg	360
actactttag	ttctgtggcc	acagtgggtg	atcttcgcaa	agagaactgc	atgtaccaag	420
cctgcccgc	tcagtactgc	aataagaaag	tgattgatca	acngaattga	tngtaccgct	480
tgtgagaagt	gcgacaccga	atttcccaat	tttcaagtac	ccgnntgatc	ctgtcagnaa	540
atattgcana	ttttnaagna	gaatcantgg	gtgacttggt	ttccaggagt	ctgctgaanc	600
tatccttgga	ccaaaatgct	gcttatcttg	nggaattana	ngacaagaat	gaacngcctt	660
tgnagaagtt	ttncntaat	gccaaactgc	gaatctttca	ttattagaag	c	711

<210> 4824  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

<400> 4824  
 ncncccntn tttaaanccg gcaanctttg gaancctttg gaaagccccg nnnccaannc 60  
 ggnacgaggc ngggnntttc ctgntacang caaaancngc ttcgagggac cacatttttt 120  
 cccccgnaac ccgccgcng ggaggggaag annntnaacc tgggcccggc acaggggtanc 180  
 ctgnganann ctgtgaccgg aaaggcgccc naccggant nagtggctcc aantntcaat 240  
 gcancccccac acccnnagtt gttttnatcc tgagaaaaaa aagggaggcn gaattattna 300  
 aanttaaang aggananccc ntentggaan ggcngcngac ctttctgca gaaatgggga 360  
 gcacntgagg acacaggtgg gtggaggccc nntgtgcggn gctggctcga ttcnggcagc 420  
 cctccgtcnc ttnttataaa acnttggng agaagantat attganaatg tcagtgaac 480  
 aagccnecat tggnaatgga ggcncagann acnccacaag gagcccttct gcntataaaa 540  
 ncnagangca aaaaaccttt ttnaattnt gtnaatnaaa aggaaagact tgntaggctc 600  
 anacnnanc tggngtggg nnnacgggg agaacactgc naacagggan aaanggnngn 660  
 gcacacaana aangagtgg cgaatttgn ccangtgga ccagccggg aaaaaacnna 720  
 tanaaaaaaa ctcttcatag anccttttta aaaaaaaaaa aaaaaaaaaa cttcnggcn 780  
 cagaaaacca annggaggng acctatnccn nnagaanccg 820

<210> 4825  
 <211> 895  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(895)  
 <223> n = A,T,C or G

<400> 4825  
 ggnnnngant gnntttann ccttgcaaac gnntcgtga gggancgncc gaatnccgcn 60  
 cgcgaggagaa ntnanatngt ncatggmata nncngtnntt tgtntgntat acagtgcntg 120  
 nnnagnngg ggntccgtac tgctagnnan gaacgtgcat tcacagggtt ataaanataa 180  
 cgatgttagc accaanccnc ttcnaccctn caatagggtg tnagatgcn nanatggang 240  
 ntgcctattt aangnnntn nnntgcncna tatnngaatt ncngaggacn acttannncc 300  
 gaaanntnta cttncgcgnc cgnangggcg aaagngntta tttttgatga ctncgtgggt 360  
 ccgncngag agctcctgct ttgcctgcgc ctcccgttct aaactgtnc ccttttagttn 420  
 tngannaccn nccccgnctt gggaacgggc tgacmntcnc tcgaaaanag gaagtggctn 480  
 aanggcnggc ttcttgacnc gngnatcgga tcctnnggcc cnnccccntt ccgttncaan 540  
 cttgcttntg caacaagcga tngntnacgc ttttnactga nntcttttat ntgcctattt 600  
 nggattcccg ngttccntgn aacnaaaang nccngggcgga ngtcaccnat aaaacctgtt 660  
 ccccttgctt acaanaagca nnganggtgc ccgtcngngc cctgggtcttg nanaacangg 720  
 ntgttgggga ancntaaact nccccacatt tgatggaana cncattttca tnnanccatt 780  
 nttaaaaacn gggngtgngn gcaacgcaa nncctactcc nactatcca aagntccan 840  
 ntattggcgg ggcattcttc attggaaatt ntggatngaa ngaaaccett ctcc 895

<210> 4826  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4826

tttcaaactcg	cttggctact	cg	ttct	gcaggatccc	atcgattcga	at	gcacg	60
aggcctgtna	ttccancatn	cncngncacn	aatnnaan	ggagncctta	ggntctta	aat		120
gtgaacaggc	agnngattan	gctgggcact	caggnagaan	ntcgcgtgtn	tcantnttna			180
ggcatgtttc	atgattcaaa	ntactctcca	ncccttgctc	tcaatgcctt	gcatgagcct			240
tgnatgattg	nattaggact	accnanatta	ncncnngtna	tcncctttgn	tnaaanngaa			300
ntcacnntgt	atgtnacann	atnctaatac	ntcaanaggn	acnngtattn	tetgacnaaa			360
nagctaggca	nctnaanata	nccanattat	atcnnnatch	ntngncnctt	nattantaca			420
tacgnanacc	tngtaaggna	tntttnncan	tggacattgc	taçagatcag	ntgacgatta			480
ngtancctnc	ataantaatn	nanngcattg	tacnttnacn	gatecgttctn	ccnctgncat			540
gntncngttc	ctnagtana	canagctcnt	cgtattctgg	ncgnntncc	gntatcngtt			600
nntaatgcan	atatccctat	gcaggtntcc	catatnnntn	tnatnatgca	tatagccttt			660
tgaangctcc	ccatntnata	tgcncatatt	ccaccatatt	aaatnttncc	tnnncgnact			720
ttggncacat	gtaagncttg	gtnacccaan	ntaatcatc					759

<210> 4827

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4827

gaaanccctt	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaannaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttatatt	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggaggtgtgg	480
gaggtttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccggaccca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggt	tcctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgccta	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccggggg		767

<210> 4828

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4828

ttctaatttn	aatccttnaa	atnggttctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagagaac	acaggtgtcg	tgaaaactac	ccctaaaagc	caaaatggga	aaggaaaaga	120
ctcatatcaa	cattgtcgtc	attggacacg	tagattcggg	caagtccacc	actactggcc	180
atctgatcta	taaatgcggt	ggcatcgaca	aaagaacat	tgaaaaattt	gagaaggagg	240
ctgctgagat	gggaaagggc	tccttcaagt	atgcctgggt	cttggataaa	ctgaaagctg	300
agcgtgaacg	tggtatcacc	attgatattc	ccttgtggaa	atttgagacc	agcaagtact	360

atgtgactat	cattgatgcc	ccacaca	gagactttat	caaaaacatg	ataggga	420
catctcaggc	tgactgtgct	gtgattg	ttgctgctgg	tggttggtgaa	ttgagctg	480
gtatctccaa	gaatgggcag	acccgagagc	atgcccttct	ggcttacaca	ctgggtgtga	540
aacaactaat	tgtcgggtgtt	aacaaaatgg	attccactga	gccaccctac	agccagaaga	600
gatatgagga	aattgttaag	gaagtcagca	cttacattaa	gaaaattggc	tacaaccccg	660
acacagtanc	atttgtgcca	atttctgggt	tggaatggtg	acaacatgct	ggagccaat	719

<210> 4829  
 <211> 887  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (887)  
 <223> n = A,T,C or G

<400> 4829						
nnntttaaaac	cttnntttta	acccttttaa	aacctttcaa	ctaccgggct	ttttgcaaga	60
ncccatcgat	ttcgaaattcc	gcacgaagga	aaacatggca	cttnttnttg	ncatncntaa	120
cgggcccttg	ccgctnacc	gtggaaagta	caggctctga	caactggggg	ncctgatggg	180
cctgggtgac	attatctcac	aacaacttgg	tggagaggcg	gggtctgnag	gaacaccang	240
agaggcccg	actctgacca	tgggtgtccct	nggctntggc	tttgatggcc	ctgtggtagg	300
angctggaca	anggtttgat	cngancatnc	ctgncaccac	caaantggga	tgccctgaag	360
aaaatgttta	tggatcangg	gggctttgnc	cccgtgtttt	ctangctgcn	ttntnccact	420
nggtatgggg	cacttaatgg	aatggntaac	ncagnacaaa	nttgggceca	aactacatgc	480
gggattatac	tagntgccct	tatcacccac	tactntntta	tggncntgct	gtgccagntn	540
nccaaactttt	annntgntgc	cccttttnatt	ncaaanntgg	ancgngncc	aaantgaanc	600
ntntnttttt	nttgaacctt	cctacctntc	cctgggaang	gcncaatatn	gnttatnaaa	660
nccttgccct	cannttcnan	tngtnttccc	aaccttttnt	aggggnntac	aganttttgn	720
ncccatggg	aancnaggac	aataacaaan	ctccttctaa	aantgggggg	antaaccccc	780
ntttctacna	gnagtttggg	tttttcccg	tgncaaanan	tttantaag	gaatttggca	840
ccccttgga	gggncccent	tttanttctt	aaaaaangtc	cacctgc		887

<210> 4830  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (858)  
 <223> n = A,T,C or G

<400> 4830						
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cgcnnnanca	tncnatacag	tntncntctg	nncgaggcnc	ccangtncat	ggctnnatnn	120
anggccatcc	atatgccagc	tgggggccag	gcnacantgg	ccatattgnc	tgnagcnnga	180
atggtgcccc	cctacncgaa	ttgaanggct	aagagtccca	gatagctagg	ccagagctgn	240
aagcatacag	taaggggaan	agctgtctcc	acagganagg	gatagattcc	atctcactgc	300
gcancctggg	aggaggcang	gatectgnca	cgctaagcct	naggcaccan	cctccctgtg	360
ctcgacatgc	aaagtcatga	ctcctncttg	ntgagnactg	agctaccttn	tactgtctcca	420
aancnnacta	acagctctcc	aancccttgg	ggtgactcga	gateccnanga	nctgtngact	480
taantganga	tantcagtc	tgttctgcn	nggcaggcca	nattcctncc	tccaanaanc	540
nnnatctttc	naaacctga	anntgtancc	tntctnattt	accagctan	tttaanncca	600
aatnttanaa	anntannena	atacctttac	tcnnaacca	cttttgnctt	cnttacctga	660
tannngnngn	nctatactca	cnntttagcc	ntaaanngaa	nccttntctnn	annagcnnat	720

ttgtcnttttn ancttggnaa ac tnatn tanaatnacc atccaaant tn nannt  
 cnttaatntt ttanccnanc ta tnaa canctntaac ctnantcctg ta cennac  
 aaaattnttc nntancct

780  
 840  
 858

<210> 4831  
 <211> 1786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1786)  
 <223> n = A,T,C or G

<400> 4831  
 cgncncncnc cnnccccnnc ggnnncngcn nnnacnnncc ncnncgngcn acgncnnncnc 60  
 naccnnnnna ngagencnng ncngnannnc ncgccnagna ngggntcgng ncagcngnnn 120  
 ccangncnnn cnnengnnng cncnggnann gcngnancnn nnannnncna cnnangctac 180  
 nncagcnanc nnncnngcng anagnncnnc nnnagcgna ncnngcncnc nccngcnanc 240  
 ccacacnnac gnncanncg gncnngngna cnggncccc nancntnnnt cncnttttgg 300  
 ccaacncngc ctgggcancn acccnnntc gccncagnaa cngngngnang ggnnccgnac 360  
 nncnnccgnc cccanngcc cntntncnc ngnagnntcn nnnncananc cncagcanan 420  
 cncanancn cgccccnggg ggnnnnccgna ccncnnnca cccgcgnagn gncncncan 480  
 nncgngncgc ctccncncn cncgnacccc ncnnnnngnc cncncngccn gccncnnna 540  
 nnngccnann cccnncccc nanacacnnc ngncgagnc cnnnnnnnncn cncncncnn 600  
 cccnnngnc agacnactcc nncnnncnc agncncnc naccgcncn ngnnnnctcc 660  
 nnnccganc annncncng cccnncccc cggnnctggc acacgacnc cncaccgcn 720  
 cnnccccnnn nacnacgng cncncnagn nncacnnanc annanngac ncngacacac 780  
 cngcngaggc aacacgncn caccnnnaca cncantnac gcacccggn catcacgnc 840  
 gcngnancn gacngagaca acncagcnnn nncncnagnn nacacgncg cncagactc 900  
 tcncacgna cgccannnnc gcacctcnc nnnacacna ngcaccgng anancncgc 960  
 acnngngnng ctcanacgca ncangcgcn cngntncn ngacgncng nctcnacnc 1020  
 gcgngncnc aacgncgcg canccnngac gncgncacna cngacgncac nnnncacaga 1080  
 naggacncac tngngcgcan nncncncng cngancnc cngacgncagt atanacnag 1140  
 cngnncagc acacannnnn cnanaccngc cnggccncac gctctcgngc agncacagc 1200  
 ggngcctag agccnngcat cntagagcac gcgcannt cngccacat ngcancncn 1260  
 canacnngc cncnnncnn agaccncnn nccanctcn ganaccncga ctcacaccnc 1320  
 nctnncgcg aanagnnca ggnanacgct cngctctnca ctgnganacc gcangacgnc 1380  
 ccttncnact canacncnc gncacagnca cncncnccg nacacncnc nncacatccg 1440  
 ngnnatncn ncnaninnac nacannncgc gcaccngcac gcacaccann gnnngacga 1500  
 cccncncgnt canacctgag ancngetcat gcgccgtntc tacacncng cngtncnnc 1560  
 cncgaccgnc acagnncnc gctncgntnn cncgccccc gcgcnctcc ancncaggg 1620  
 nncacnnc cagntatccn gngtnnnngn caacgncag cngtctcnc acanncccga 1680  
 ngcgngncn ntncnnnga gagcaccag ntanncaacc nnacncaga naactcnacc 1740  
 nactcgntca cagntcgct gtcnaccngg atacaccgac cccacc 1786

<210> 4832  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4832



tttatgncnt	agtgaactct	tt	aagca	ntcccatcg	attcgctcag	at	ggggt	60
ttgaaaaaca	aaccgaaaaa	ga	gcntn	attnagcctt	acttgattga	cg	actta	120
atcagagggt	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg			180
aaggggcttg	ttcgagttgt	atTTTTTcca	ttgttcagca	attggtggat	tcaggttacc			240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc			300
ttatatTTga	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg			360
ctactcatgg	gaactgtcca	ctgtcaaatt	gtgtctactc	agataacaag	accatcagga			420
aacaatggaa	atcgaagaag	aagagtttgc	ctcttgTTgc	ccaggctgga	gtgcaatggc			480
gcaatctcgg	ctcactgcaa	cccatacct	cctgagttca	agcgattctc	ctgcctcagc			540
ctctcaagta	gctgggatta	cctgcgtatg	ccaccacacc	cagctaattt	TTTTTTTga			600
atTTagtaga	gatggggatt	tcacccatgt	taatcangct	gatctagaac	tncTggacct			660
caggTgatcc	anccggcttg	ggcttccaaa	aggactggga	ttaccagcgt	gagccactgn			720
acccaaaccg	nctaaacctt	ttaaaaaagg	attatttgg					759

<210> 4833  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (772)  
 <223> n = A,T,C or G

<400> 4833								
ccaacgengg	ctacttgttc	TTTTTgcagg	atcccatcga	ttcgaattcg	gcacgaggat			60
tagtactagt	tctatctgga	aaaagcccgg	gTTggaagaa	gctgtggaga	gtgcgtgtgc			120
aatgcgagac	tcatttcttg	gaagcatccc	tggcaaaaat	gcagctgagt	acaaggttat			180
cactgtgata	gaacctggac	tgtTTTTtga	gataatagag	atgctgcagt	ctgaagagac			240
ttccagcacc	tctcagttga	atgaattaat	gatggcttct	gagtcaactt	tactggctca			300
ggaaccacga	gagatgactg	cagatgtaat	cgagcttaaa	gggaaattcc	tcatcaactt			360
agaaggTggt	gatattcgtg	aagagtcttc	ctataaagta	attgtcatgc	cgactacgaa			420
agaaaaatgc	ccccgttgtt	ggaagtatac	agcggagtct	tcagatacac	tgtgtcctcg			480
atgtgcagaa	gTTgtcagtg	gaaaatagta	ttaacagctc	actcgagcaa	gaaccctcct			540
gacagtactg	gctagaagtt	tggatggatt	atttacaata	taggaaagan	agccangatt			600
taggtaatga	gtggatgagt	aaatggTgga	ggatgggagt	caaaatcaga	attatnggaa			660
gaagtatttc	ctgtaactat	ngaaagantt	atgtatatat	acatgccana	aatatatatg			720
tgtgtgtgtn	tctgnnggatg	gatatatgta	tatctcttcc	tatatatatc	cc			772

<210> 4834  
 <211> 833  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (833)  
 <223> n = A,T,C or G

<400> 4834								
ggnncnnnnn	TTTTTaactc	ntgccctttg	aannccTtgg	tacctcncnn	ngganggggc			60
cctngtttna	attcgctncn	acccanngat	gggccagnng	gngaacttnc	ttgagtatgt			120
cgccnttccg	gnggncgtn	nctnngttct	acnnagaacn	cttngagggc	tgaaaataaa			180
tntggaagat	nganacaccc	tntgngggtc	ctctctgaga	caaatccatn	tggtgggtaa			240
ttgnacanta	aatntTTTT	gntcaaant	nnaaaaaaa	aanangcctn	tacaactctt			300
gtgagtcntn	ttaccnccat	ccnnacatga	taatgatata	tatgatgatg	ttggncacaa			360
ccaacatcta	gaagtgcgnt	tnaaaaaaan	gctntntttg	cgnaanntnn	gatnctnttg			420

nttnnttnga	nncnttgng	ccataaaa	caagttaaca	acgacanttc	tttagg	480
ggagtengna	tnatggtggg	ggngnan	nggttcntga	atctngcntc	gtctnca	540
ggncatntnc	acnacacccg	aantttgggc	atntntttt	gncntntgaa	cggnnctng	600
nggttnatca	aggatatnnn	ntttcctgtg	tgcaaaattt	gtccccctnc	naattccacn	660
ctngcatgcc	atccccgnat	cattnaaggg	taaaantcct	ggggggnggc	cnnatgcagt	720
nnngcncaacc	tcncatttgn	atngctggtt	ggancataaa	tgccccctgt	attttanttg	780
cgnggnanaa	catnnctggt	ggcctntngt	gncatntaan	atanattggg	gcg	833

<210> 4835  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

tttattccat	cagctcttgt	cttttgcnga	tccctcgatt	cgaattcggc	acgagattct	60
ccctaaatag	taaatcccac	tgtatacaaa	actgttctct	tgttctgcct	tttaaaatgt	120
tcattgtagaa	aattaatgaa	ctatagggaa	tagctctagg	gagaacaaat	gtgctttctg	180
taaaaaggca	gaccagggga	tgtaatgttt	ttaatgtttc	agaagcctaa	ctttttacac	240
agtggttaca	tttcacattt	cactaatgtt	gatatttggc	tgatggttga	gcagtttctg	300
aaatacacat	ttagtgtag	gaaatacaag	acagctaaag	ggctgtttgg	ttagcatctc	360
atcttgcatt	ctgatcaatt	ggcaagaaag	ggagatttca	aaattatatt	tcttgatggg	420
atcttttcaa	ttaatgtatc	tgtaaaaagt	ttctttgtaa	atactatgtg	ttctgggtgtg	480
tcttaaaatt	ncaaacaaaa	tgatccctgc	atttcctgaa	gatgtttaaa	cgtgagaagt	540
ctggtaggca	aagcagctcg	agaaagaaat	aggaaatgcn	gaaatagggt	ttgtctgggt	600
gcatataatc	tttgctcttt	ttaagctctg	tgactctgaa	atatattttt	gggttcttca	660
gtgtgttttg	acaagacact	tgatatttct	atcaaacaaa	tgactttcat	attgcaccaa	720
tctttgtaag	accactcaaa	taaaagcttt	taaaangcaa	aaaaaaaaaa	aaa	773

<210> 4836  
 <211> 855  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(855)  
 <223> n = A,T,C or G

gccnnttgan	nccatcanct	cttggtcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagggggcnc	aaannatntc	ntgatgacaa	ananctctgt	atancagggtc	antcncagtg	120
ttnanagtct	cagttgcttg	cttgggggaa	tnngtccct	aatnggaata	gnntgctnga	180
ttgctcnggc	ntgntactg	tgacagtgtt	tttagacctg	tgtnctaaa	aaaaanatna	240
atgcncatgaa	aagggtgttg	ggaggggtgt	tcancataga	aacanagatg	ttanggtgtt	300
tagatttang	gttggaaca	aggtcatctt	tagtcaccnc	actgggnagg	cagcatttgc	360
tacattggcn	nactaactnc	cnttgctann	nnntttcang	antncaanna	cntgtgnatc	420
ntagtatnnn	agnntgaaat	nantttccac	cannagcggg	cattgtttct	atcacagcat	480
aggctatgtn	aagcnaactc	tannatgata	aatgacaccc	nntnttatct	attngcatcg	540
acccccgtct	ctacaagaaa	gtnaccaaaa	attttncctg	ggcatgntgg	tnggggcacc	600
ctgtnggtcc	ccagctattt	caaaaaaggc	ttgangngng	ggaggaatca	cttggaacccc	660
cggggggggg	tggaggggtg	canttgannc	caaactnacg	cccactgcan	ttcccgnctt	720
gggtgtggaca	caagngagac	ccccatttta	taaaaaaana	atnaaanacct	cctttggnaa	780

cnnggggggna aantctnttc tt...nanga anttttcntg ntnggacttt gg cctc 840  
tatgactttc atntc 855

<210> 4837  
<211> 932  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(932)  
<223> n = A,T,C or G

<400> 4837  
nnnnnnngann nnanagannn nnnnnnngan nanntcctnt tnnnntagga nttgnaaatn 60  
cctcgttcta aatncttggt aaacncctng cttnanggtg cgngccactn tgtccgggnc 120  
gagggtgggc ncacacncta atntcncctg gtccatggta ntccnatta ngcatgctgt 180  
gttnntgcan atgatgtant acganatcca cgggtgttngg ttaatgattt attcactcat 240  
tagtcattcc acaaactagt ctngagcacc ngttatgnac ccancactgt gctggaatgc 300  
tgaggagaca ggagtgaagt aaaaagacat ggntccngca ggaaacaggc aaggagagcc 360  
ttgacttgac ggantctggc aatancgcca ggctggaatg caatggcgcg atctctcctc 420  
actggancct acgncctncg ggntnaagca antctactgc ctcagnanct ggagtanctn 480  
ggactacag gcnnngcgta ccacncgcnn atgagaaaac ttnnngccac agagagggtga 540  
aataagttag atgcttncta acctaattgcg anaaccncgt gaaaagattt ttggcaacct 600  
gaaaaatccc atnctnnnnt gaggattnta tngncaaccn gnaatcaant cttaggnaan 660  
atgaatgccn ntccgggant aaattcnatt tttntnata tcccannaag gaaggaaaac 720  
ntnnnaagcc tctangaatn atnnngnctt nctaaccng ngtantcaaa actnttnncn 780  
aatctattgg naaaccgat ctagannttt ttnaatnacc ntnaaaatct nnaaaagaaa 840  
gnncaatnag tatnttattc actcgaaaag tctccaaanc ncnntaaaag aactcnantg 900  
gaccaaacta cncnttgngg gaannttaan cc 932

<210> 4838  
<211> 1358  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1358)  
<223> n = A,T,C or G

<400> 4838  
ttgnnggaac cccnnntttt tttnttaaaa aaaanccccc cantttcccn aangggccct 60  
taacctcng gttnttgatn tntnttttta ctgatnngaa angagcnaaa cncncagatn 120  
gntnantgta aantttnta tcnncncn angtanctt nctttgtatc caaccnnggt 180  
ntagtcgtct cnnncntaga ncttaantat ataannnata aacacctacc gtgntatann 240  
tntgtacann tannnncngc gcgngngca ncnangtca tatanacct gcgcanatn 300  
cttctacana ctacancnt atnangntt nnataaagtt cttaataacg catcatnntg 360  
ttcaacaact ggggtagcta tantgaacan tctnancan naannatngn ttcncaaaag 420  
ganaancatc tcnntatang antaccctnn ntttgnncaa tnatatnaaa tncnntganc 480  
nancncngt ntgnntnaa gnnntgaatc tngncaatat gttggnnnnn gcntnntnnn 540  
tttnanattn anaaacctg ncnntnatn ncatgtggta tgtnaanacg tncnttaaaa 600  
taggnnaag acgnncnat tgcnnacnt tatanaatnt cntnnnncca tntgtctga 660  
ttntgattac aaatattgnt gcngannngn anaatnacct cnatcttgat nccttnnaat 720  
annnannnaa anaattnnnt nctttctnnn tcacacnaca ttcnncgta ccntnatnat 780  
ctttgttnna cgtcattgta cnaacaactt aatgtagctt tggnanacnn aacaatntcc 840  
tctctttgnn nnnangnat gcacncattt ccnnttgnta ntaacctann tcngnnaata 900

ttgtaatagn	cnettaacgc	nt	antct	cgggtaatcn	nancaaaggt	tt	acnaa	960
ttctnnnccg	ttncnangcn	tas	ntntn	cntaanacat	ngattgntta	ac	gaangn	1020
atatgancgc	gancgcatgn	ncncanancg	tcacttcttg	ggataaccnc	gctctacttt			1080
anactcttta	angncanang	gttacganac	tgcactngna	ctgtangctt	ngtttactct			1140
nccnccgna	anactcntcn	atangatgnt	tangcncna	cgcnnnnntn	ncgnantcta			1200
tncgagcana	ntnaacnnnc	tccanatnaa	naaaatngtn	nntgtngnac	anataannga			1260
cntatccttc	tgtatattct	cgacgcgaan	anatggtagc	tgagngnttt	acntaangta			1320
ncanatntgn	ggttnacact	nnntatncg	agcctccg					1358

<210> 4839

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4839

gnnnntttnan	atcagctact	tgttcttttt	gcaggatccc	atcgattcgc	tgaaatgtca	60
aacacggcca	cctaggcagc	atttacaanc	aagagtccac	tgcttnnttg	atgtatatct	120
taagcgccc	cagtgaatga	acagcatata	actccacata	aaaatcatta	aatgtgnattg	180
acttcagag	caggcagttc	tgtgtgtatg	cctctggaga	aggctggctg	aattgnaatt	240
ggtctgtacc	tnctgcctat	catgtacatg	angtnnttgg	gcaaagagaa	ctttccanaa	300
nataagtcca	naaattatag	atcatcanac	naccaatgac	atattgntga	gatatctnca	360
agatctagaa	tnncnctggg	tgtcaaggaa	gtctntgggg	tttttataaa	tattgataat	420
gcncctttta	taaaatgcac	tttttataaa	aatgcatgct	cacttgagac	aacttgaaaa	480
acacactaga	aaaggccggg	cgtagtggtc	cacgcntgta	atcccagcac	tctggggaggc	540
cgngacggt	ggatcacgat	gcangagatt	gagaccatcc	tggtcnacat	ggtgaaaccc	600
cgtntctact	aaaaatncac	naaaattagc	anggtgttgg	tgacgnggcg	cctatagtcc	660
catctactna	agaagcttga	tgcangaaaa	atggtgtgaa	cccaggaaac	gagctt	716

<210> 4840

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4840

angcagctct	tgttctnctt	tcaggaccct	atcgattcga	attcggcacg	agccaagctg	60
taccagagt	cangaggcat	gccaggagga	atgcctgggg	gatttcctgg	tggtggagct	120
cctccctctg	gtggngcttc	ctcagggccc	accattgaag	aggttgatta	anccaaccaa	180
gtgtngatgt	ancattgntc	cacacattta	aaacatttga	aggacctaaa	ttcgtagcaa	240
attctgnggc	agttntaaaa	agttaagctg	ctatagtaag	ttactgggca	ttctcaatac	300
tngaatatgg	aacatatgca	caggggaagg	aaataacatt	gcactttata	aacactgtat	360
tgtaagtgga	aaatgcaatg	tcttaaatna	aactatttaa	aattggcacc	ataaaaaaaaa	420
ataaaagaaa	actcnnngcct	ctagaactat	agtgagtcgt	attacgtaga	tccanacatg	480
ataagataca	ttgatgagtt	tggaacaaacc	acanctagaa	tgcnnnngaaa	aaaatgcttt	540
atttgtgaaa	tttgagatgc	tattgcttta	tttgtgccat	tatgagctgc	aataaacaag	600
tnaacaacac	aggttgcat	catttnatgt	ttcaagggtc	aaggggnagg	tgtggggagg	660
ctacttaatt	tcattgacgc	ngggnccttg	cnttnngggc	nnngacccca	gntttttgtg	720
cctttngngg	agggttaant	ncnaacttng	ggttaann			758

<210> 4841  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

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<400> 4841
agnnnantnc tatgatccct tgnnncagga tccatcgatt cgaattcggc acgagtgcct      60
ttgntcccca actctagggg gctagtttca tacatttaan ancncgtgctt acctcanagc      120
tcccttttnag cancngcaga cttnnanatc tgtttaacca gttccctata ttaaattctc      180
tctgggnnaaa tacatggngg ggctttgatt anctgctgaa ccctnagnga tncataccnn      240
atnatgctnc nnaannnatg cnatanncnt acaannatnt gtantnnagg atncctatnn      300
cnanactgct ngtnntanca ncatcancat gacannnacc tttaaangtn ttcnatntan      360
ctanaattat ctaaaatggt aaangncnta aaacannnna ntaagcaaaa gatganntca      420
agtgtatgtn catttagtag tgacttgtga gatttgacgt gttcatgaca gctggctatt      480
tgtattgtct gaatgatagt gtatttgngt actttgcccc ttgcctattg gggcattnta      540
aaatngatcc ttaggtaatg ttaattaaga acattgacct ngggcanggc gcggtngctc      600
acncctgtag nncnaacacn ttncgagggc gangcagnaa attcnaana angagtttga      660
tacatctggg caacatngcg aaacctgnct ntctanaatn tananttagc cggcangngg      720
gagctgcnga ntccagtag                                     739
  
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<210> 4842  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

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<400> 4842
ttatnnmtac cgctttgcna ctncncgcag gatccctcga ttcgaattcg gcacgagggg      60
gattcagatg atggcggaaga tggctcgagg tntgagaacg ganaaatnaa ggcnccttcgg      120
acagctnctc tggcaatgta tctgaagggg aaagccctnc tgacagccat ggaggactct      180
ttccagggaa gacagnnatc aaangacaaa gctgccactc cangaaaaga tgggtccaaa      240
cgttctgtac tgtccaagtc agttcctggg tacaagccaa aggtcattcc aaatgctata      300
tgtggaattt gnctgaatgg tnaggagtcc aacatgaaag gaaaggctgn atcactnata      360
cactgctccc aatgtgagaa tantggccat ccttcttgcc tggatatgac aatggagctn      420
gnttctatga ttaagaccta cccatggcan ngcatggaat gtaaaacatg catnatatgt      480
ggacaacccc accatgaana agaaatgatg ttctgngata tgtgngacag angttatcat      540
actttttgag tgggccttgg tgctattcca tnacgtcgct gnattttgtga ctggtgtcaa      600
cngncccncc caacacccag taaantgtgg caaaaagggg aaaaatnagc aaagagggat      660
naaancgttt ttgactctaa tctgtatatg catttaagtg gaatatttgg tgccattttc      720
aacattantt tcatgcccat aaaagaatnt                                     750
  
```

<210> 4843  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(730)  
<223> n = A,T,C or G

<400> 4843  
tnnctttgat tcaattcata gcnactgggt ctttttgtag gatcccatcg attcgcccag 60  
ggccgcctgc ctgagcctct ctgcagctgc tcacctcctg ctgaggcctc tgccttcaga 120  
gctagtgggg cctgctcaca cattccagta gtttctctt tatttgcct gaaccaagtt 180  
gtagaattta aaggaggtga agtaaggcga tttctatgga aaatatattt ttcttcttta 240  
ctcctcatgc tgagtgcata agaatttatt atttccctg aatgttcaaa gtggtgtgtg 300  
tgtgtgtgta aaagaaccag gagcaacaa tcttaatagg aatgtgcat cttgtgttta 360  
tcttttagcac acttaattag ctacaaccgc ggactgttgc catttgaaca agttgttaag 420  
aaaatctgcc atgttttgct ctttttcaaa aggaatgact ttaataacca tagcaacact 480  
tactcagttt tgtgatccac tccaagatta tgggagcaag aacagatnct cctgaaagca 540  
accctcacct tcttcccccgc cctgcccctc agcaagtccct ggctgtgtg aactgaaggg 600  
tttggaagct ctggttttcta ngagtqccca naactagaaa gactaggggtg tctaattatt 660  
tgagggggcan ttgtcaatgg cantgtgggg ggcaccccat tgttatttcg aggcactgca 720  
ttgctttttt 730

<210> 4844  
<211> 818  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(818)  
<223> n = A,T,C or G

<400> 4844  
tntcctncgc gngncgnatt ccnctaagga gaggcncgga tccctcgatt cgaattcggc 60  
acgagtctcg atctcccgcac ctggtttccg cntgcctcgg cctcccnnnn ngcngnnatt 120  
acaggcgnga gccaccgagc tngncctgga tcaaattctta atccatgcgc atgggnacac 180  
aagantactg ggttgaannn attctagntt tgtnatttaa atacntgnng atgaatctat 240  
tttagcacan ggtataaata actcggggagg tcatctctat cttctctcct tnantgcatt 300  
tgggtatacc acgtttaagn nctaaaacag ctngentat gttggccagg ggaaaacatg 360  
gcatnctgtg cgcaaagntn aatgatcgcn gncennnctt ggcccctccc tgggtttatg 420  
gncancgtaa gangcccgca tggtaaagct taaaccgtca nttgggctng gtgtaaatcc 480  
ccnattnaat tcntggngng ncaannctct tgaccccgna aacaatggaa agggccanct 540  
ggggcctcna anntgtngga gcccenntta acaaacnntt antngnaaac ctttgaatt 600  
ccaaccttna aagggagggg naccatggaa gatanttgag tggcccgntn ggaattgnan 660  
ccccttnaan gcaattagtt tcnccnaatt ttcctggtn anaaaanatg cncnnaanac 720  
cngggggggc caannctggg ctaaagccgg nggggctcnc anaaccnggg tttttaactn 780  
tngatacant angnggaaan aangggcccc tttttaan 818

<210> 4845  
<211> 748  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(748)  
<223> n = A,T,C or G

<400> 4845  
agcttcattn nactatcagn tgcgctgctn tangtgcnng atccnttcga atccngcneg 60  
aggcgngang gcangganng cagngcnan gncennntaa gcnnttttct gtcttatcac 120

ncagngaata	aanntgaact	gg	gaac	natcccatat	tanccgatcc	tt	tcnna	180
tgaagaaaa	nacntannna	ga	atan	gctnaaactg	atacagnaag	tn	gtcag	240
cctctagaac	tatagtagn	nga	atgncnt	acanccanac	ntgatnana	acattgatga		300
gtttngncaa	accacatctn	gantgcantg	aaaaaaatgc	nctattcgng	aaancantga			360
tgctattgct	ttanttngga	accattataa	gctgmnataa	acaagctaac	aacaacnatt			420
gcattcatnn	natgctncag	gancacgng	aggtgnagga	ggnagtgtaa	ttcgnggccn			480
cggagccaat	gcattgggcc	cagacccacn	tntgaccctn	tagtgagggt	taatggcgcn			540
cttngcgtaa	tcatggtcat	agctgcttcc	ngcgtnnant	tgatanccgg	tgcaatntca			600
ncacatacga	ccgggacata	aagtgaagc	ctggagnanc	ctaangaagt	gaccaactca			660
cattnatngc	ctgngntaac	tgnccttcc	cagtngggaa	accnnnncgc	canatgctta			720
angaatcngn	cacccgccgg	ganaggcg						748

<210> 4846

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 4846

gnnttnaaan	nttgcttggn	nnnnncnctt	tccgcaggat	ccnanncgat	tcgaattcgg	60
cacgaggtnc	agctcnccta	nctggnatnt	gggnngtnng	aaacatncnc	tntcctgata	120
ccantgtgcn	ngaatacanga	nacatangcc	attacacngc	gtctatgcaa	gcttgacat	180
aacntcangt	actgcagctc	acacacccctn	tgnaggcng	aatnantngn	tctgcctccg	240
gatacnaana	atntcggctc	ngcctcagng	ctaatagaten	tnatgtngtg	tntctnnagta	300
nntgctgtat	ctgngtggtta	tntntgccaa	actctagnta	ntgatcttat	gatcccttnt	360
ngaantaana	tggggttctt	gantgnctga	gaacgacttg	cacaatgngt	tnattgtggc	420
acgtcatctn	ncaatganta	nnnagnctat	tnnccanggn	anactcngnt	cntacntggc	480
nctaagcact	ntnttgncga	tngncancnc	tctgtgaaat	ggaattacng	ntattcatgg	540
ntaattacnn	atnttggtccc	nctttctgtt	tntacaatga	aggcttaaan	ctaantgtcc	600
aaantgnata	atgntccctt	aattanaagn	ctacttcatt	caagtganaa	nngnccgtaa	660
tnaanncnta	ctctncnact	gcataatatn	nncctnagga	ctnn		704

<210> 4847

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4847

agntntttcn	atctctnatn	ttgttctttc	tgcaggatcc	catcgattcg	aattcggcac	60
gagagcagct	taagcagcag	acgcaaaatc	gaatgaagct	aatggccgac	aactacgagg	120
atgaccactt	caaatectcc	cattccaatc	aaacaaatca	caagccctcc	ccagaccaga	180
tcataccagcc	cctcttagaa	cttgaccaaa	atagaagtaa	attaaagttg	tacattggac	240
acctgacaac	cctctgccat	gaccgagacc	ccctgatect	ccgtggactc	actccaccag	300
cttcctataa	cttggacgat	gaccaggcgg	cttgggagaa	tgagctgcag	aagatgaccc	360
gggggcagct	tcaggatgag	ttagagaaaag	gtgaacggga	caatgcagaa	ctgcaggagt	420
ttgccaacgc	cattcttcag	cagatagcag	accattgtcc	cgacatccta	gagcaagtgg	480
tcaacgccct	ggaagagtcc	tcttgaccct	gctttatggg	gaagcctgag	gtagtcaacc	540
caggagccaa	gaaaagagaa	ctacgaggaa	caggtgcccg	gaaccttctt	ggcaccaaac	600

actacaaact	tcateccaac	tt	actt	gaagaagtgt	gattncagca	cc	ttcta	660
catctgccat	cttactctgc	ctt	cgctt	tgatgtggn	ctctacacta	acc	nttga	720
tgtccanggt	agatnaang	tcgaatcttt	ntgnaaaa					758

<210> 4848  
 <211> 1030  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1030)  
 <223> n = A,T,C or G

<400> 4848								
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cgaattcggc	acnagagcag	gcgcttggn	cctaaggtgg	atgttagagt	agtgattatg			120
gtcagcggtg	gtgctatncn	ngtgttncag	nttttcantc	ggnggaatag	ctacaataag			180
gnaatcagct	acctagccac	agngcccaag	tnccgtntcc	aagctacnga	gattgccaag			240
cancanggac	tgntcaaaaa	agccaaataa	aaaggcnaaa	acaaaaagtc	caangangat			300
atccngnacn	aggangagaa	catcntaaag	aacattataa	aaagcaanat	antatttana			360
gggtgntctan	tcagnaacnc	caaatanntgn	gnatcntcct	ctgtatnana	tcaatcctag			420
ctcctntntnn	cctatnctca	tatccnann	tggcatangt	cnggagagat	ctacnntttc			480
aacatcaanc	ggntnnnnat	tatggnanag	nantnacaga	tcantccatt	ctacnntaaa			540
tctatnaccn	ngtnnactnc	tctatttnaa	tnnnactatg	aanatnctct	naactaaanc			600
ntttcnttta	nncaaaaanc	ctcntgnnct	ncatggnnnn	aattntttac	ngtccttncc			660
aaaacnnncna	nacacncacn	ganctnaatc	ttcacaanta	nnaacantct	gngctnanc			720
cgaacncccc	tnaattggct	naccannatc	ntccactggn	atcatncggt	antggantta			780
aanngcaact	cggntctctg	nggnctnctg	nattncaann	atcnnnntgc	gnntatttnt			840
cttgacacaca	atatannctc	ncgnaatttn	ncntannctt	nnnctctca	aatactctct			900
ctanacatag	agcaattann	tntctgatna	tactntngac	cncgtcanc	acnacgngca			960
caanannata	tcattgtaca	ttcatntatc	tgtngacttt	acnacagtcc	cngccaatnt			1020
aacaaacnnt								1030

<210> 4849  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4849								
cnttncctna	ncaggtatgg	ccattncnt	ttntgcagga	tcccatcgat	tgcctgtcc			60
gagagagccc	cgctcacggg	gcacagctgc	tacttttttag	gcentgctgc	acttccggac			120
ccactgcttc	aactggcact	ccccacgta	cgagtatg	ttgagacatt	tgtacgtgct			180
ggtcaacctt	tgtgagaagc	cgtatccact	tcacaggata	aaattgtcca	tggaccacgt			240
gtgccttggt	cactactgaa	gagctgcctc	ctggaagctt	ttccaagtgt	gagcgcccca			300
ccgactgtgt	gctgatcaga	gactggagag	gtggagtgtg	aagtctccgc	tgctcgggcc			360
ctcctgggga	gccccgctc	cagggctcgc	tccaggacct	tcttcacaag	atgacttgct			420
cgctgttacc	tgcttcccca	gtcttttctg	aaaaactaca	aattaggggtg	ggaaaagctc			480
tgtattgaga	agggtcatat	ttgctttcta	ggangtttgt	nggtttgcct	gcagttttga			540
ggagcaggaa	gctcatgggg	gcttntgtac	cccctttaaa	aggagtcnnt	attctganaa			600
ntngaantctg	aaacctttnt	aaatcttcan	aaangatttt	attngaanaa	ggncennanc			660
nccnaaang	aaaacnnnnn	tnnaaaant	natnantttt	tgaaagnnnt	ngnnttnnaa			720



<210> 4850  
 <211> 863  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(863)  
 <223> n = A,T,C or G

<400> 4850  
 ttnacatcaa gctcttgntn ctanccctt cctcgattcg aattcggcac gaggagagag 60  
 agagagagag agagagagag agagagagag agagagagag attnagagag agagagagag 120  
 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 180  
 agagagagag agagagagag agagagagag agagagagag agctnaaggg aaggctgccg 240  
 ggaaggcaaa tggaacagga atggacctgt ctcangaagg ccagctgcan gtcctccaca 300  
 aaatcaaaga agggaagaaa ctctgagttt gaggtacagg ggcttcnggg tgcacacgtc 360  
 cctccagggc ccatggtcag tattgcacct gtgttatgaa ccccatatc tgtgcagggc 420  
 aggggcgggg gctgctgttt tattggggag gggagcctcc taaaaatggg gtccaggcag 480  
 accctccag acctcacact gncgaggagg cctttcccaa aggggcgttc tccccgggat 540  
 gcanaccgna tgttttgtgg gaaaccnccc tttaaatacc ccacaccgac gtattccttg 600  
 ttcccgactt ttcccgggg tntttgtttt gaaaaatacc tgtnngtttc angectcntt 660  
 ggatcttaaa atgggcaana ataggggaacc tttttttttg tcaccaaaaa aaatacctgg 720  
 ggggggaaaa attgtttgtt aaaaaataa gacntttttg ggaccaccac caacnttttt 780  
 tggggggctt tccaccttga anctttccaa ntttttttta aaccatgggg anttttattn 840  
 aacnttaaa tgggtttttct tgg 863

<210> 4851  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4851  
 cgcgggcgna agcgnagcnc ttcccaacnn ccttggatcc natcgncctg aattcggcac 60  
 gagtatgggc ttgnagaaat gctaccgttt ttttncccg tnanacntgg atcccgaaac 120  
 tgnactaacg tnnagtatca ggcnaaatgn cnggaaaggg nnggcttatg naggcaacta 180  
 cagatagttg taagggatca tacagaagat attgatgata gnngaaatat tcttagaagg 240  
 ggtgtgtatg tctagctgng tctaccatgt gtatgtattc ttgacaagca gtataaaata 300  
 cctgtgantt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat 360  
 catccctaatt gtagcagggg gaagtattta attgccccatg atatgtattt tacttatact 420  
 atgccagaga ggaaacnata aagnaattac acatgtaatc ntgggttntt cacatatgta 480  
 ggtatncatt tngagtaggt tgaagaaaga aaaaaaatat ttaaatgaan tgaattcctg 540  
 atgggatagt ancaataagt atttaaaagc cngtattcna aaaataataa agggtagcgn 600  
 catttttgag cttgnmnttc ntttgctacn ggaaatantc caaannaaag ngntancant 660  
 ggcaccngct ggnetcaacg cacntattgg naaccgcact gganaggatg aacaaggggt 720  
 nagncaatag caaacccta taacattccn ggccaaanac c 761

<210> 4852  
 <211> 779  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4852

ttgaaccttt	ntacanctct	tgtttttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaccaagta	gaccagaaac	tgaccattct	cagtcctact	tcagaaaaca	acaagaagct	120
tttcaatgat	ctgttttaaa	ataatgcaa	ccgtgctgaa	aatacagaga	gaaagcaaaa	180
tcagaattat	tttatggagg	tgatgactgt	agaaggagtc	tatgattacc	tgatgtatgt	240
aggacgggta	gttttccagg	ttcctgactg	gcttcacatc	ctcttaatgg	gaactcgaat	300
cctcttttaa	aacaccctgg	aaatgtatac	tgattactat	cttcagtgtg	aactagaaca	360
gctatttcag	gagcaccggt	tggtctcact	cataacactt	ctcagagatg	ctatatctctg	420
tgaaaacact	gaacctcgct	ctctccaaga	taagcaaaaa	ggagcaaaac	agacttttga	480
agaaatgatg	aattacattc	cagatctggt	agtcaagtgt	attggtgaag	aaaccaagta	540
tgaaagcatc	agacttctgt	ttgatggcct	acagcaacca	gtactcaaca	agcagctgac	600
ttatgtttta	ttggacattg	tgatacagga	actgttttnc	gagctcaata	aggtcaaaaa	660
ggaagttacc	tctgtgacat	cttgggatgt	aaacactttg	ggatttggtg	tagaataacc	720
cattgaaatt	tctgctgtgc	cgaagggtgt	agaaatttac	ttttttgggt	atatcttat	779

<210> 4853

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4853

tttccagttt	tanttttttc	ancttttnga	tcnntttgca	ggatccntct	tttcgaattc	60
ggcacgagat	tctccctaaa	ttgtngatcc	cactgtttac	naaactgttc	tnttgtgctg	120
gcntgctnan	tgctntgtag	nncctttctg	nacnntaggc	attgctcttg	gagaacnnga	180
tgtgctttnt	ntnaaanggc	anaccagngn	tgnnctgnnt	ttaatgatgc	agancctnac	240
tttatccaca	cctggcccgt	ttnacatttn	agtaangnac	gatatttggc	tgatggctga	300
acantttctg	aaatacacnt	ttagtgtatg	gaantacaag	accnntaaag	gnctgccagg	360
ttancatctc	atctngcatt	cnnntccttt	ggcnanaaag	gganatntca	gaattatatt	420
tcttgatggg	gtcttttcaa	tcantgtatc	tgctgaaann	tcttaganaa	anctatgtgn	480
tcncgggtgt	gtctaaaaan	atnctttcaa	anatgacccc	tggaattncc	tgananangc	540
ttaaacgtga	gaagacnggt	nggcaaaaaca	ccctncnaag	gttnttggna	angcccnant	600
ntgttttgtc	tggcccatat	aancttngcn	ccattnaagc	cncgggngag	ctttgnatnt	660
atattngngg	ngttactttc	tttgnnccct	tgcggggaac	ancttnnata	atgcttntcn	720
ncccnanntg	gacntttgct	ttttgnnncc	nnaccccccc	aaaggngngcn	cacctccant	780
gaaaaagtct	tttttnaaaa	gggctccttn	ctnaaaaaaa	nnnnt		825

<210> 4854

<211> 1090

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1090)

<223> n = A,T,C or G

```

<400> 4854
gaaaggaagc acgcaaagca actcagca gcatcccagc naaangccca gagcaggna      60
cnnngcagna cnaccncnc gngcaccgcn ttnttttccc cagtaggnngn ngacacgcca      120
acnnnnngggg nccncgngga caagaggcng ancccaaaac nngacagggc aaggaccenn      180
cagacncggg gangnggacc agagcgcggc cnagcgagaa acagccngcn accggnaggc      240
canaaanacan gccgctgaag gganccgggc tccggccnta aacnccanca ctgacacgac      300
ccagcaaacc ccncaagagg aaaaagaccc ccaaggggna aacacaagcn nagggcangn      360
ncacggggga cccccgaccg ncnancncgg ggaagccngc cgnangaacg gganangnca      420
cnangggngc ataagaccna ccacncaggg ccnaccangg agaaaaaan ancgnacnan      480
aaaggncaaa ccgcaacncc ggaaggggca cccacnaagg gggaaccccc naangggctc      540
gnaccgggcg ccantngcca aagnnggncn cccncaaacy acccgggggg ncnaaacccc      600
cccgggggcc anccacncan ggggggganc cccaanggan ggcaaagccc ccaaagcccc      660
nccgggggca acccaaaaan ccnnggagcc cngngnccca naganacngg aaacccgggg      720
gacgncccca anaencagac naaaaaagcg ngggancccc caaaaaaagc aaanngcaca      780
cncccccgag ngnaccnang ncaanggggg naaagacaaa anagaccccn nnganaagan      840
ccccnnaaag gccccacggg ggaaacnngg gacnncnagg ggnccccccc nggggaccnc      900
ggggngngcc nanaaccnc aaaaaacggg ggaaaacncc cccccccana aaaggccac      960
nggacnnana anccccccnc ccngggagggn nccccnaccn cccnngncc cnangaaaa      1020
cnanannggg gnaaaaaacc cnngggngnc caaaaaaagg gggaaaccn ccgagggggg      1080
nganncccgc                                     1090

```

```

<210> 4855
<211> 779
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

```

```

<400> 4855
gctaannngcn ggctactngt tctttttgca ggatcccato gattcgaatt cggcacgagg      60
gntgggggnt cgncggncnc gctangnnng ccatacncaa tntnnagagt ctanngnntg      120
taannttgct gcttatatgt acctgtgctt atattcganc ctngnnncnc atncttctgg      180
acngaagtaa gactggattg ttgggtatat taggggnann gtgccagaga tcngtgaacg      240
gcanagnctt tatgtggccn antgcnngtg aatantggcc ttaagnatcc tnttcanaca      300
nnagctgnnn aaaatgccnn antgtagcan ncatnntatn agnttgnnaa canngactgn      360
cngcccanaa taanggctgg gatgttgaac tctggantct ncgaacattg ngtgaganan      420
attgncngan gctgtantct nttttaatgt gatnggncca atgnnctgta taaaccntta      480
ngatgtaccc ntnnatatt cngtaccnnt natcctcagt antgtcacta cagtatcaca      540
tantgcatat gttatcctgt tgtancagat actgaactta gtgaggtntc nctaaggcac      600
ntagananaa ancaannttg gttanntnct nncgtatctn tcaactgtgan ttgcanatga      660
tntantcttt atanaatgng anccttttac cggcnctaant ttnaattaa aatggctnat      720
tntgtgttga taaaaaaac tcgagcatac ttnnaccctc tngaactata nttgagtcn      779

```

```

<210> 4856
<211> 1776
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1776)
<223> n = A,T,C or G

```

```

<400> 4856

```

ggngggaggggn	nnggntttttn	na	gngnt	ttannngtgg	ggaaaaaacc	co	tttnt	60
taaaaannnn	actttgggggn	ga	gngnc	tgnanatant	cggcctnnng	ng	magng	120
agtcgngngg	ganagnnggn	tg	nnnnnnngn	agngatatag	gntanganta	gtananggat		180
anannagca	gngaacngta	gt	ttttttttn	agngaganan	nngagnnaan	aggnanacna		240
tnanaganng	ggggggggcg	ca	anggggtg	nnaaggcgag	anncnaactc	gnannanaan		300
tgaaannnnn	anacngtgnn	ananantgag	cgnggatnna	tnnntgcaan	ncataagaan			360
tnгнаatgna	nnntgnnngn	acaaannnct	ncganagnnn	gcaagnaat	ncgnancnna			420
cnnnagngna	gaagnagtan	nangaccnnn	aanggantnc	ngagaggnnn	nanaaggatg			480
nnnannnnann	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgncna			540
nngnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaagnn			600
nnannacgta	tangagntgt	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn			660
cnnngancna	nncgaangaa	aatatcacgc	tganngnaga	tagatanacg	ctcnntatng			720
anncagtnac	tgtganatct	gcganangac	ancacngnna	gntnnacnac	acagatgnan			780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanatatc	gatatnaagn			840
ntacganagt	gannananga	anantgantn	aggataacga	nnagnnnngnt	ntatnngggg			900
tanaggngag	agntanantg	ctgcncncna	nannanngaa	tnacgcgcnn	gncgancang			960
nnanaatngg	gnannganan	anantgtann	nanagcaang	ntannagtga	ctntnnngta			1020
atngatngag	nnagnngana	tgagtgtctt	gncnntagcg	aganantacn	gngaattntnt			1080
anagagntgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan			1140
actnnntagt	atanncagan	acgangangn	ggtgtgnann	cggagtgtag	agncgattag			1200
agagnaaacn	nngncacggt	gtatnanaga	tngagacang	angagaactg	cnnacaagna			1260
nnntannnaat	angtacnnaa	tgngancata	agtatnacac	aggtnactnt	atanngnnca			1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaaaag	ctacgttctn	nncnagaaga			1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtnng	aacgagcant	cgtnnatgag			1440
anagtanaca	ngcaaanagg	aagnnnagna	acagtcacan	gncagangaa	acatnctcac			1500
nngnnantta	ncgngganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga			1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana			1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn			1680
ngaganggat	cnngtanaca	gntcnnngnc	nnctanatga	ganngnncaa	ctgtntatac			1740
gatntannna	ggnagatcaa	gaatatacnn	tctcct					1776

<210> 4857

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4857

gttaatctct	agcnaggctc	ttgntntttc	tgcaggatcc	catcgattcg	aattcggcnc	60
gaggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaag	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaattctatc	aaatgattta	240
gatatccaga	aacaggaggc	tccaagatcc	gcaaacatat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	taaagaaaac	cttatcaggc	taatagttaa	tttctcagca	420
gaaaccttac	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgttaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaattc	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgctaa	tanagcantc	acacaaaagga	ataagggaaa	660
gtaattaaat	ggtcctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tcgagcctct	tgaactt				747

<210> 4858

<211> 1197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1197)  
 <223> n = A,T,C or G

```

<400> 4858
agggggtttac actnctaaaa ttnttgagct nncgntgggc gnaaaggggg cnccttaaa      60
naanttaagg cccnctnaa aaanaatcag ggannattnt gggggggcct tgnggggggg      120
gtcatctatc nnnacacct aantntatta cncatagata ctcaattncc ntctctagna      180
natnnnngga tctttntcgg ctntnnancc nctcctacta ttactnctna aacgtncenn      240
catantctnt ntacacatat atctnanata ctatacatat antntcatan tnntactact      300
ctnatntctc ntctacatct ctanttatnn ntcnntcnct ntctnctatc tantctcata      360
tctnnacgac nnactatttt tntccnntt cctnctntcn cnntnttanc cccnatnann      420
atctntcacc nttnattttc naatactcta tctattantt aactatctnc tntttcnnc      480
nnntnnnnct atnnnncttc tananactcn tccnctnnnc tnnnnnnnn taantcnntn      540
cnntctctnn tnnnnnnntn tgnnnancc nactaanntc ntcnnctcn ntnattanna      600
nattnttaca nntctccct ncanctnnnn natntatan tcttnttnc nnttcantnt      660
anatnttntn nctancnntc nntaattcaa nattnatntc atctcnntt ntnncaaat      720
nacaatnacc nccanntcac ctaatnttna tcnacatacna cncnnnctn tanccnnata      780
tnactncnnc anttcnntnt natctctntt tnacacactc cnnngantat actnntnaca      840
cttcttatat nntntacntg tnatcacactc ttnactana tatnnatcan actnatanaa      900
agcatactat catcttacct nctntnatat accatncacc aatcacttan tntatncatc      960
tcannacanc tccacatatn actcatcnct aatatgtctc tataatnntn catctactca     1020
ntcacnnnna ctctntagat atatnctata ctncancta tatntatcna ttcacttaca     1080
nantanctcn catctnttgn nctatacnat aattgtntct catatntntt tctctacan      1140
nctttatctc gatnnttatc ntgtancnch nntntatcta natatnacat atcacat      1197
  
```

<210> 4859  
 <211> 767  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

```

<400> 4859
gaaanccctt ttgttactnn gtnccttttg caggatccct cgattcgaat tcggcacgag      60
ggggattcat aattccagac aggtagagaa cggttttatt tatgtagaga cagagtctcg      120
ctctgtcgcc cagctgaggc ggggagaatc actttgacct gggaggtgga ggttgcgctg      180
agctgagatc attacactgc actccacctg ggcaacagag tgagactatg tctcaaaaaa      240
aaaaaanna aaaaaaaact cgagcctcta gaactatagt gagtcgtatt acgtagatcc      300
agacatgata agatcattga tgagtttgga caaaccacaa ctagaatgca gtgaaaaaaa      360
tgctttatth gtgaaatttg tgatgctatt gctttatthg taaccattat aagctgcaat      420
aaacaagtta acaacaacaa ttgcattcat tttatgtthc aggttcaggg ggaggtgtgg      480
gaggttttht aattcgcggc cgcggcgcca atgcattggg cccggaccca gcttttggtc      540
cctttantga gggtaattg cncgcttggc gtaatcatgg catagctggt tcctgtgtga      600
aattgttatc cgtcacaatt ncacacacat acgagccggg acataaagt taaagcctgg      660
gggtgcctaat gagtgagcta ctcacattaa ttgcgttgcg ctncctggccg ctttccaatc      720
ggnaacctgt cgngccactt gcnttatgaa tcggccacnc ccggggg      767
  
```

<210> 4860

<211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4860  
 ngnntttaag atcannccaa gcgcttggtg caggatccct cgattcgaat tcggcacgag 60  
 gaccacctac ggaaaactga ggcccacata agctcgattg gttgtacctc caacagatat 120  
 ttattaagca cctactaaat actgagccca ttgcaagcac cagggaagcc tctgtgaaca 180  
 gcacaagggtc cctgctctgg agattctgct tcagtgggtg agacagaaaa taaacagttt 240  
 cccgtcacca attttccttg gaattggaca gatggcagcc accataatga tactatatgt 300  
 gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 360  
 gtttcctctg cctctcctct acgttggaaa ccacataagt ggattatcaa gcacaagtaa 420  
 attaagccta ccgatgttca ccgtgctcag gaaattcacc attccactta ccttacttct 480  
 ggaaaccatc atacttggga agcagtattc actcaacatc atcctcagtg tctttgccat 540  
 tattctcggg gctttcatag cagctgggtc tgaccttgct tttaacttag aaggctatat 600  
 ttttgnattc ctgaatgata tcttcacagc ancaaatgga gtttatacca aacagaaaaat 660  
 ggacccaaag gagctagggg aaatccggag tctttctaca atgcctgntt tntgaattat 720  
 ccaacttctt attattagtg gcttcactgg anaacctgnc t 761

<210> 4861  
 <211> 984  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(984)  
 <223> n = A,T,C or G

<400> 4861  
 tgngnttttt taaaaaccag ctacttntta tnaaggcagg cnaccgatcc nnattgcggg 60  
 angancatng attcngngccc ctgcatgatg gtggcngaac tnnntgcccc aagtggggcc 120  
 tggganccca acaaccccaa cangccgncn cggtnaaccn acaatatcaa cccgcaaacc 180  
 ccagggaagc cggccatgta caacacagac cagatctctc cctatgctgc cccctnccca 240  
 caaggttttc tnccanccca tgcccagccc ccanagctac caccaagtgg tgccaanccc 300  
 agcangctac catnaatacc cantccccat ncagggtccac cntacaccgt ntaccatggg 360  
 ctatcagggt atccccancc cgagcncctg ttggctacag gtctatgaca acctggnagc 420  
 tccctntccc atgggngggg anaaanccca acaaaaactgc tcaaggcttn aagggtattn 480  
 tgaagcgnga aaantttcgg gcagaacttg gggttnaccc nacctgggnc antttntaag 540  
 ggtngaaaaan ggttgccggg gggaanaacc ctttactcct tgggaattaa cnaacnaagg 600  
 gttgggggtg ggggaacaaa cnaacaaagg gggnggggtta antccccccc cngtnnggtt 660  
 nnacnggggt ttccccttgg ggggggcccc caaaaggggt ngggnangng ggttnggagc 720  
 caaggnaaat tncnctnttt ncctttnggg gtancccccc ctttaaaact tngggaagaa 780  
 aaagaaaact tnnttccna aaattgggtg naanagnccc ccaaaagrng ggcaaaaagc 840  
 ttggggattt gngggaaacc ntaaaggggg aaagggggag actttttnaa ancccaaagg 900  
 ganggncttt taacttgatt taaacggggg aaannaangg agggnttnct tggggaaagg 960  
 anaaantttt tgccaaaana ccnc 984

<210> 4862  
 <211> 772  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4862

ggnnngggttt	anancagctc	tngatctcng	tgacaganc	ctcgtttgna	tgatcnnatc	60
gattcgctca	ngtcggntgc	catttatggn	atnactttat	tttatttnat	tgattatna	120
tatnatnttg	agacagagtc	tcactctggn	acccanctg	gantgcagtg	gccggatctc	180
ggctcactac	aagctctgcc	tcctgggttc	acgccattct	actgnctcaa	cctncngagt	240
anctgggact	ncaggcgcc	gccactgggc	cgggctaagt	tntngtattn	ttagtagana	300
caggggtttca	ccatatnanc	caggatggnc	tcgntctnnt	gaccttggtta	tctgcccagc	360
tngacctncc	aaagtgctgg	gattacaggc	gtgagtnacc	atgcccagnc	tcaagtaggt	420
tttgaatgaa	tttctcatat	ttttaagta	caacattatn	gcaataacag	gactattnca	480
cttcttttct	aatttgata	atggatagat	nacctaagt	gtnatangat	ggctcaacct	540
ccgtacaatg	gtgaatcccg	nntcagtna	aatctcgcc	nggtgtcaac	cttgaacana	600
agcccctagt	natnaccatt	tngtgnatta	gcctttgggt	ttnagttttt	caccttggt	660
taactgnnng	ccttaaacct	cnttnagctc	aagtggaccc	ttccnacctt	taaccggccc	720
cgnattaagt	tgggggancc	atttgggct	ttgngccna	ccccnggccc	cc	772

<210> 4863

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4863

nnnnnannng	nttttatnct	cngtnnnenn	tttnnaan	ggnangcnac	tggtncgaat	60
gcaggacca	cnatttnaat	tcggcacgag	anggccttan	gctttttttt	tgtaggggtga	120
gagtggggga	gagatctctt	gctctgttgc	ccaggetggt	ctccagctcc	tggcctccgg	180
cagtcctccc	acctcagcct	cccagagtag	taggattatg	ggcatgagcc	accacaccta	240
gccaggcttt	ttatattgag	ttgggttatat	atgcttcata	gccacacttt	ataatattgg	300
agtatagtat	ttaaattacag	cttggtgtca	agtcagngtt	tctgtaagac	agtatatnca	360
atattggnta	gagtaacacc	tatttggtga	tacaagatca	acaggggtgc	tctgattaat	420
ttagctccta	catagcccag	aagcnagtgc	attatgattt	agaatattgt	acatgggttat	480
gcaaggaatn	atnccaacct	atntgtgttt	atanggtcag	atgatgttca	gatttatatc	540
tgctgatagn	gntntnttgc	ngggaaaacc	tataaaaccc	cttcngactt	gttanaaaca	600
gtgagnaaag	ccnngattgg	aaatatattaa	ttacaaccct	cgtgggnatta	aaatttttnan	660
tttaccattg	ggaatgggtta	aaatgctngn	ncatttttgn	anntttgtta	aaanccttgn	720
ntccttttaa	aacnttttga	aataaccctt	gntctanggg	gaaaaaangt	attttnaggc	780
ccnaaaanaa	atannanang	gggaaggngg	ggggattttt	ccaagtnccc	ccntatgttt	840
ggggggcc						848

<210> 4864

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(769)

<223> n = A,T,C or G

```

<400> 4864
tngccttang gtnncccttc ccacgcactc ccacggaaan gccncccat cgcgcgca 60
gcacccacat gaacaggcgg cgccgaaggg atcctgcccc tnactctcnt tttctgttga 120
accatctgga attcacaggc ctgtcatgag agacacgatg agaagtcctt aaaggtagat 180
cactgattca caggggagca ggcgagggca agggtagtc agtgcttga actcagtcac 240
ccagatttgg ctctggaac ttctgaagct gtaccccttg gggatccctg actgcgagta 300
caggaagcca acgctatgtg gtcttctgga aactcattat ctttttact ggtgctatct 360
gggaaaaaca gatgaaaacc tgaagggtgt ctgtatgtgt gctttcaaaa gcaaggatct 420
ggccggacgc agtggtcag gcctgtaac ccagcacttt gggaggccga ggcaggagga 480
tcacctgagg tcaggagttt gagaccagct nggccaacat ggcgaaacca tctctactaa 540
aagtcaaaaa ttatctgggt gtggtggtgg gcacctgtaa tcacagctac tcaagtagct 600
gaggcannaa gaatcanttg aacccaagag gccaaagttg cacttgagca caagatcaca 660
ccactgcact tcnacctggg tgacaagaat gaaacttccg nctcaaaaaa aaaaaaaaaa 720
aaaactngac ctntanaact atagggagtc gnattccgta anncngach 769

```

<210> 4865

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> n = A,T,C or G

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<400> 4865
ggnnttnaaa tatcagctct tggtcttttt gcaggatccc tcgattcgaa ttcngcacga 60
ggtctangnn gatgtctntc naatcatggg ntgtccntnt nttttgacac agggccttgn 120
cttattgctc angctngagt gcagtnagct gtnatnncac tgctgcncct cngcgnannn 180
gtanaatan tactctgnnt nnganngaana naantanatn gntaccnna naccaactct 240
gtctaaatgg aaaagatgga tnatnaatct tagncctnat agaacnntga gattntcaan 300
nggtgcgang cacagtgtc attnttncat cctatcacia gacnctnta acctntaacc 360
gtnaacaana tgnaatcgnt gtataaaaac aatnctgtg nttaataggt gactgactac 420
agtagccttt naggagtcca nagnactta ttcagcctga tctttccaca tacactacat 480
tgnattgtnt aanattcnta naaattactg cgnatctan ngctttaanc ctnatgtagt 540
gactgntgct atatctggaa gtatctntaa anagtttgc ggnnttntc cactgcttaa 600
tctactaga cntatncatc tgcctatcnt atcacttngc cnnnatgatt actgcaccgg 660
tntacgaaaa atnccattan tgattaaact tttaaaggnc aangaccata tntnnng 717

```

<210> 4866

<211> 1403

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1403)

<223> n = A,T,C or G

```

<400> 4866
gngacgttgc aaaaagcctg gggtttccaa aagccttggt tgacgcccat cgcttggang 60
gccgttngcn aacgcncna cacgcgnnac nngnncnact gagacnagca anggtgncaa 120
nggncagann acaaggang agnctnnntg nacgcgcggn ttnnnccggg ggnanncang 180
ggggggagaa cnnccgggn ggnanaatng ggcgngnnng caggacncan ngcanatncg 240
aaagnnncn nggnanccgc agnccggng acangcgnct gancnnggan nnagnnanng 300
agnnaggaga ggngngcccc anggagannn gnacggacnn ggagnganag ncannncaen 360
cacggngcnn aaganaggga nanncnngnn gcaaaggggc gagnaannng ggnantnann 420

```



ganagangan	gannggagna	gnnggan	nannggaggg	ncncngnag	tgacaga	480
gaanggcgac	nngaagcgaa	aaacacaa	nanggcnncc	nngngcnna	cnnganaga	540
ncaacncggg	nanncagcng	gacgacgagc	agcanancgn	caactagcan	aggananacg	600
gaannnggcc	ncantcggcg	agnanaaaag	aaagccacng	cnaaacgcac	gnagncacna	660
nacgaccnca	gnggnncacg	gggcanacag	nncncgacgg	cngcnannnc	taancagacn	720
cacagcgcaa	aaatggggga	gacatgacaa	nnnngacagc	ganacaccac	gacaaacgcg	780
cnggcananc	anagcgccnc	ganaggacng	acggngaaac	cgncgacagc	nccacacaca	840
agcncagaga	ggnnntacac	nctagngaca	ngagaggngn	cngggnaagc	gcacgagAAC	900
annaacaccg	acagagcang	agcgnnnana	gcaaagaccg	gacncnagna	cgccnanang	960
acacggncng	nagacannag	agnannagng	atgnggacan	aacggngccg	aanagaagac	1020
gnacancgca	nngaccaaAn	gnacnnannc	accangagaa	gaagagnaga	acgnacacgn	1080
acnagcacga	agaccacnga	gacntgaccg	cgcacagaga	agcacngggg	gacgcccana	1140
gaaaanaang	agagctgcg	anagagcaca	gaancacgat	gagaacggnc	cnaaacgant	1200
ncacgcccaa	aacagganan	nctgggggca	nacaanagag	agcaggtagn	caanacngnc	1260
gaanagnccg	agcanagaga	cntgggnngn	ggagnagcag	ngnnggnca	nccagaacaa	1320
gaaagnngga	cagnacngcn	angcantagn	nanaangnaa	gnnattnnng	gntngncagc	1380
gaanngtnaa	gcggagngnn	cgg				1403

<210> 4867

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1019)

<223> n = A,T,C or G

<400> 4867

gnnggnnaaa	nnggctttta	aacatacagn	ctacttggtc	tttttgacgg	gatcccatcg	60
attngaattc	ggcacgaggg	ccaccgaaga	gggcaccagt	gtcttgtcac	ctggactnca	120
catangacta	atnntgntac	tggcaataan	gatctatana	angtcngcna	ctgatgtgta	180
tgaaaagcat	acntgactnt	atatncta	gtngggatgt	gannttncta	aagtntnaca	240
ataattngtg	ntancatcac	atgaccaann	gttaactant	atcttgagga	cactgacttt	300
ntggggccat	antnttttga	ttttanacca	agaacntnta	atnatntgta	tcccaaatat	360
gntgtcctt	ntnganagn	ccaanggctg	atttncctnt	ncatcttnna	tnnttggttg	420
ancaccta	aan	gaggtagtnt	tctngnnggn	cctngnaaaa	antnttccan	480
gtgtgcntcn	ttanaatnga	ntaattgtcn	naaaattaan	ntaggcnntn	gnnncaaaan	540
naaaaggcct	cccctttgaa	aaacaangtn	attttgaaan	aangataaat	cnntntnnag	600
ttnatcannn	nanannnana	tntgtcnaat	ncnntctana	tttntaccn	nnntntagta	660
nnattcntaa	aanntanaga	ccnttttccc	tnntgaagna	nnctntgggc	ntaannaann	720
tnngntnann	nntcancttn	gncnngtntn	nnnnnattcg	ngtaatatgg	anncatttnn	780
nanataaaan	anannttctn	nntgnangac	nntactanac	aaanttttaa	antnngttct	840
acancctnnt	tttanannta	nanantcgna	tatgaatttc	aatctccena	tnntgttnan	900
ataatcaa	aan	ntaataaa	tttnataa	ccttattaaa	acctctttna	960
aattntgat	naatncntaa	acnatgntat	actnnnatat	ntnattatnn	antgnnccg	1019

<210> 4868

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

```

<400> 4868
tgnnnnnnctg nagaccagct ttacata caggctactt gttctttttg cagcatccc 60
atcgattcgc atccctggag cagcttccaa cactacttca ggggtggcagt gtttggggca 120
ctgggcgagc ctgccggcct ctagatggcc tcctctcttc cttccacaaa ctgtctagaa 180
ccaataaaaag gaaacctgcc aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt 240
gagtcgtatt acgtagatcc agacatgata agatacattg atgagtttgg acaaacacaca 300
actagaatgc agtgaaaaaa atgcttttatt tgtgaaattt gtgatgctat tgctttattt 360
gtaaccatta taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt 420
cangttcagg gggaggtgtg ggaggttttt taattcncgg acgcgnggcc aatgcattgg 480
gncccggtag ccagctttttg gtcccttttag tgagggttaa ttgcgccctt ggcgtaatca 540
tgggcatagc tggtnccctgn gtgaaaattg ttattccggc cacaaattcc cgccacatnc 600
caanccgggg gccttaaagn gttaaaacct ggggtgccta aagaagtgan cttaactcac 660
catttaattg gcgttttggc nttaaattgg ccgcttttca anttcgggaa aaccttgtcc 720
ntnccaagct tgcanttaaa tgaaattggc caaacgccnc cgnggnaaaa ggccggttnt 780
gccttt

```

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<210> 4869
<211> 755
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

```

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<400> 4869
gntnatgacn tnaaactctt tggcnagcag gtcacctcga ttcgaattcg gcacgaggaa 60
tcttccttaa agtccagagt ctcccgann ntggagnttg tccttcccaa gccttctcgc 120
ggggagggaa ttccttcttt ctgccgcctg ttacatccct gtgtgagaag gtctggtag 180
ctgagcccac atcactcggt ctgctgcca ggtgtgcttc catcttcaact gtggaaaagt 240
cattttgaac tcccgggtga ctgcaaatga agtaatcaag gacagatggg actgggttga 300
ccattccaag gagtacagtt acttgaagaa tctggaagca ataccgagca catttggttg 360
cattaattca ttggagcaat aatgctgtac gtgaaaagta tggtgctttt ttaaaaaaac 420
atcatcagtt ctgagcattt gtagcaagtg aactctaact tggaacggat gataaattct 480
tctaaaaaac aaataaaaaac cctccagaca atattatgca ttgagagctt taaaaaatat 540
atctcctaca gcatttgga aacactttgt ctggctatgc cactgcaetc cagcctgggc 600
gacagagcga gactccgtct tcaaaaaana aaaaaaanga agacttgnat taatggagaa 660
acagactggg ccctggctag aaatnccaaa tattgnaaag aagtcatttc tttaaaatna 720
atttatggat ttaatgcngn cctnagttaa aaatc 755

```

```

<210> 4870
<211> 742
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

```

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<400> 4870
agtgnntttt aananacaag ctacttggtc tttttgcagg atcccatcga ttcgaatcat 60
aatggggaag gccatccagc ctgcgctcgc gaacgccagc aagacgtagc ccagcgcgtc 120
ggccgccatg ccggcgataa tggcctgctt ctgcgccgaa cgtttggtgg cgggaccagt 180
gacgaaggct tgagcgaggc cgtgcaagcg ctcaccgcat cgtggcacct ggcaagggca 240
tcctggctgc agatgagtcc actgggagca ttgccaagcg gctgcagtcc attggcaccg 300

```

agaacaccga	ggagaaccgg	cgctacc	gccagctgct	gctgacagct	gaacgcg	360
tgaacccctg	cattgggggt	gtcctct	tccatgagac	actctaccag	aagggatg	420
atgggctcc	cttcccccaa	gttatcaaat	ccaagggcgg	tgttggtggc	atcaaggtag	480
acaagggcgt	ggtccccctg	gcagggacaa	atggcgagac	taccacccaa	gggttggtg	540
ggctgtctga	gcgctgtgcc	cagtacaaga	aggacggagc	tgacttcgcc	aagtggcggt	600
gtgtgctgaa	gattggggaa	cacacccctc	ncccttgcca	tcatggaaaa	tgccaatggt	660
ctggccccgt	tatgccagta	tctgccagca	gaatggcant	gtgcccacg	tggacctgag	720
atcttctctga	tggggaccat	ga				742

<210> 4871

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4871

tttnaaatcc	cagctctngc	agnanttcaa	gtccnctttt	ctaattcttg	gcanctcgat	60
ctcgncgaa	nnnnntnggc	ncgagantct	gcnctacaac	ngacaggatt	gntagaacnt	120
nnnnngtcng	ggggatntng	aatantnnnt	caacacnngt	gatacgcntg	anctaacagg	180
tggtgttttn	antataccna	cnnaaatagc	angatgcgac	aacantcctg	naacngtgct	240
ttntcaaagn	caactggcct	ggaaggctac	aagtgtcnnn	aaagattctg	ttcagaatct	300
agccacagan	ataaaggatg	gacaaatacc	tgngacatag	tctnctcana	gacanccaag	360
ccttgaangc	tcaggtgatg	aaaangattn	tgtttcgaat	ntanccanga	gaaataaagg	420
atgganaaaa	ntctgggaca	ntgtcttctc	agaancaatc	ngnccatnaa	ggttntatct	480
nacangaaa	ttctcntttt	gaatatattg	cacacnga	aatcngcggt	tgngaaatct	540
nnaacagagt	atnctganaa	tntgcccanc	cntgnaangc	tacaattgaa	aaataataan	600
ntctgatctg	aaatacaagc	caccaaata	naangattgt	acnaatcatn	cncaccagc	660
agcaacann	acttnatgaa	atggccatcc	annnnggaaa	accanaagga	agctttgnna	720
nnaatntgca	atanattacc	canncnaca	aggttgaaaa	aanccanaat	tncattnctn	780
agggatggac	cctttgntng	accttaaatt	ncagtcctc	ctcnaaacn	ttcttnaaga	840
aggnc						846

<210> 4872

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 4872

ggnnntnaaa	tatcagctct	tgttcttttt	gcaggatccc	tcgattcgaa	ttcngcacga	60
ggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angctngagt	gcagtnagct	gtnatnncac	tgctgcncctt	cngcgnannn	180
gtnanaatan	tactctgnnt	nnganngaan	naantanatn	gntaccnna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtc	attnttncat	cctatcacia	gacncgtnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaac	aatnncgtgt	nttaatagg	gactgactac	420
agtagccttt	naggagtcca	nagncactta	ttcagcctga	tctttccaca	tacactacat	480
tgnattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600

tentactaga cntatncatc tgc atcnt atcacttngc cnnnatgatt acc accgg  
 tntacgaaaa atnccattan tgc aact tttaaaggnc aangaccata tnting

660  
 717

<210> 4873  
 <211> 1194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1194)  
 <223> n = A,T,C or G

<400> 4873  
 cccccacnnn acncaacacn cancaccnan ncnchnnnnn ncancaaaaa aaaanccanc 60  
 ccanaaacac canccccaac acncaacaa ncccncccac canccnnaan gggcccnac 120  
 cancctgtca agcnaacgac ccacnacnaa gcngccgaga agctncaccn nacacccaaa 180  
 ccncatacag ngggcngggc aagcnggggn cncatnggga nggggaaggg ngcccggcgc 240  
 ctanccnnn nccnggnnn nacagngna ccanatnggn ccanccecca nacnaccang 300  
 taccanncn nncacgnnaa caccnnncca anacaccncc catcnaangc anaaccgacc 360  
 anangnacct accnaancan acccnccana gccnacnca gcnncacacc caaccccccc 420  
 anncanggn accnacngca aagncennct cgnnnngatc accancantn ncnaatacan 480  
 cacnancnac cacnccnaa anacnaacgc ttanccccc cgaacccana cnaaagaccc 540  
 ananagcaca cacntggnaa naaananacn cancgcccc cnanncccaa naangcgcnc 600  
 nccaacacan cnaaccccan ncacccnnaa acccnannn cacnggcgac annnggaana 660  
 cnccccantc cccacnnnca canacnaanc ncnanacacg nnaacnncg ancnnaccn 720  
 naaanaacan annnnnngca nnnanaaaac cccnangnnc tacnngcaca cactcnccan 780  
 accagntnnc acncaaagc ncacnaccac ncacncccc acnacaccna cgcncncna 840  
 cccaccccc accganacna gcccaaacgn nccanncaen ccaangnaca nccaagcgn 900  
 cacaccncac acgacncana cccnccnna cactaacnnc acnnnnnaca cnnnnccacc 960  
 cacanagcac canacnncn canccnagaa ccacaccnna acnacnnanc tnnctcncc 1020  
 annngccnn nntnccgct cgcanaaaen nancccncca acacaaancc naacacaaca 1080  
 cntnccccn tnaananaca ccacnnnaac tccannanan aancaacnnc ncccaccanc 1140  
 aancaacacn cacnacanta cagacncctt anannancnc cnccacaacc nccg 1194

<210> 4874  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 4874  
 ggtttttnat cacagctact tgttcttttt gcaggatecc atcgattnga attcggcacg 60  
 aggtactttg agtggttggg ggttcaacac acacatgcaa ttttgcttaa caaaagtgnn 120  
 ntataataca gtttcataca gaattacctt aaaagggagt cttatgtttt caactacaga 180  
 tagttgtaag ggatcataca gaagatattg atgatagttg aaatattctt agaaggggtg 240  
 tgtatgtcta gctgtgtcta ccatgtgtat gtattcttga caagcantat naaataacctg 300  
 tgatntttct ttacattacg gataatgcat aaggaattaa tcttcatata tattatcatc 360  
 cctaagttag canggggaag tatttaatng cccatgatat gtatnttact tatactatgc 420  
 caganaggaa actntannnt cattacacnt gtannctngg gttnttcaca tatgtacgtn 480  
 ttcattnnna gtaggtngaa gatganacta aatatttnca tgaatngaatt ncctgatggg 540  
 atagcctcaa taagtattta aaagccngtn ttctaaaaat aataaagggt aggggtcatt 600  
 tttgacttnt gttgatcttt tgctattgnt aatattnaac aatnnangtg ttacatttgg 660

tacctggnag ncnnaatgc c attgn nnaacancct gaggatgntg aa gncn 719

<210> 4875  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 4875	
ggtttttnat cacagctact tggtcttttt gcaggatccc atcgattnga attcgggcacg	60
aggtacttttg agtgttttggg gggtcaacac acacatgcaa ttttgcttaa caaaagtgnn	120
ntataataca gtttcataca gaattacctt aaaagggagt cttatgtttt caactacaga	180
tagttgtaag ggatcataca gaagatattg atgatagttg aaatattctt agaaggggtg	240
tgatgtgcta gctgtgtcta ccatgtgtat gtattcttga caagcantat naaataacctg	300
tgatntttct ttacattacg gataatgcat aaggaattaa tcttcataata tattatcatc	360
cctaattgtag canggggaag tattttaatng cccatgatat gtatnttact tatactatgc	420
caganaggaa actntannnt cattacacnt gtannctngg gttnttcaca tatgtacgn	480
ttcattnnna gtaggtngaa gatganacta aatatttnca tgaatngaata ncctgatggg	540
atagcctcaa taagtattta aaagccngtn ttctaaaaat aataaagggt aggggtcatt	600
tttgacttnt gttgatcttt tgctattgnt aatattnaac aatnnangtg ttacatttgg	660
tacctggnag ncnnaatgc catnnattgn nnaacancct gaggatgntg aacaagn	719

<210> 4876  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4876	
ttgaancttt aatntnnacc cctttggaac ttnttgcagg atcccatcga ttcgtgtaga	60
ggaggtgagg aaatacttta atgtgttgga aaccatgggt ttgaacagaa gatacgcata	120
tggagtggg aatggaaaga aaactttgtg ctacattttac tgtaaattat atcttattga	180
ttcagtaaat tcaggtgga tacggaagtt caaatttaaa gattacccat ggactcctga	240
cctcaggtga tccacccgcc tcagcctccc agtgggctgg gattacaggt gtgagccacc	300
atgccagcc tcatcattct tattaactgg tttaatcctt tcaataatcc tattaagtag	360
aattattagg taattagaat taggttaaaa agagctgagg tgtgggtgtt cgtttctcag	420
gtaaaacatg gctaaaagct tacggagtaa gtggaaaaga aagatgcgtg ctgaaaagag	480
aaaaaagaat gccccaaagg aggccagcag gcttaaaaagt attctcaaac tagacggtga	540
tgttttaaat aaagatgttc aagagatagc aactgtggtg gtcccaaaca ttgccaagag	600
aaaatgcaat gtgaggtaaa agatgaaaaa gatgacatga aaatggagac tgatctaaga	660
gaaacaaaaa gactcttnta gaccacatgg cagtcccata tggatgacca agcaagaaaa	720
gctgcggcaa gcagagaaaa naagggaac caacaaacat n	761

<210> 4877  
 <211> 687  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 4877  
 agacaagcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca cgagtattgg 60  
 tttgtagaaa tgctactgat tttgtacgt taatttttgt atcctgaaac tttactaacg 120  
 tcatttatca ggtcttttgg agggattgtt agggtttttt taggtttaga atcatattgt 180  
 gagtgaacag agataatttg acttcctctt tttctattta gatgcctttt gtttcttttt 240  
 cttgcccgat tgctctgggt aggacttcag tactatgntg aatagagggtg gtgagagtgg 300  
 gcatccttgt cttgttctta ggggggatgc tttcaccttt gccattcag tatgatattg 360  
 gctgnnggtn tgtcatagat ggctcttatt atnntgagag gtatgtcnct tcantgccta 420  
 gttagttgag gattttttatc atgaagggtt attggacttt atcaaatgct tttctacatg 480  
 tattgagatg atcatatggc cntgggnnta atctggnnnta tgtgctaaac ctattcccan 540  
 atcaaaaana angatttctn ctaacacatt ctacgaacca gttcacctga accaaatctg 600  
 caaggcncac ancnatnata aaaaaaaatc gctntaaact tnnngnnata ctaaaccaac 660  
 tganagnnct gatnagttgn caccnt 687

<210> 4878  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 4878  
 gnangctact tgttcttttt gcaggatccc atcgattcga attcggcacg aggaggggag 60  
 agaggagggc cattacaact ctgccttcaa gactcatctc ttaaaaacaa aacgaaacaa 120  
 aactacaacc accatcaaaa ccacacgcaa aaaaaaaaaa aggataactt taaccgaagg 180  
 aagggttttg ttccattcaa ctccacattc atttgtcctt tacttgcatg agatttctgt 240  
 gtttcttcc tttccctctt tgaagcaatt aaaatcttcc ttgataactg ctgtttcttt 300  
 ctactcttgt ttctggcaat ttagtgggtt ccttctctag tggctttaa tctcattcca 360  
 ctgggtggcaa gatggggcct anccttcttt tcacatgtct aatcttttcc tttctcatgg 420  
 tgccctccat ggaagtcaaa gtnaacactg aataaatgac tagaatgaca cgtgtgcgtg 480  
 ccgcacgcgt gtgcntgtgt gtgttcatct gtctgcatgt gggatcaatt tcttttagaa 540  
 aataatttat tgnatgattt attttgggag ttatattctg attacagngc tccttnttcc 600  
 aaatagcatt gatttttccc ccttnaaagn ataactctgt ctcaggttgg atcttngga 660  
 catntctctc tctggatgcc atgcagttaa ttaaaacctt gcttaaaaca aaaanaaaaa 720  
 aaat 724

<210> 4879  
 <211> 925  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(925)  
 <223> n = A,T,C or G

<400> 4879  
 tnnnnnnnnn ntnnnnnnnn tnnnnnnngg ggnnnnnnnnt nggntttana ctcgggaacg 60  
 tttctnagca ggnngccatc gnnncgaatg cggcacnngg nggtanccga attcggcacg 120  
 agggggacaa ggctataaat atcattaata ccaggttcag gagtttgcac tgcactaaaa 180

atcaactcag	ctatttgagc	ac	ttata	gagtggaaat	ggggttgggc	ag	anaag	240
agcactttta	gagaggcttt	tn	agnag	ncaggggtta	cacctgttaa	cc	cataa	300
tttttttttt	aagcggtgt	gctgaggatg	agccccatgt	agttggtgca	ggtggggaca			360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cggtggtctna	cacctntnat			420
tccagcactt	tgggaggtca	aggggggagg	aacacttgag	gccngagaca	atataatata			480
taatataata	tattggccag	ccttgacaaa	tataaataaa	gagccctntc	tgtaccaatt			540
taaaaaacta	aaaagcctng	gggtggngng	gnacaatacn	ctgtagtcct	tggcttanct			600
ttggggaang	cttgngggca	aggtggnatt	tgctttggaa	ncctacggan	tttcaattgc			660
ctgtnaagtg	gaagcctntg	ggaatcgttg	ccncttgmn	atttccnacc	ctgggggtng			720
ggaggaaaaa	aacccttntt	tnacaccac	cncncncccc	cccaaaaana	anttggccca			780
aatgtggctn	tnantaaaag	gggaannccg	aaataggggn	ttcttngtan	ttaangngng			840
caaaaaaggg	ggggnggntc	ctgnggaaaa	aaaaggccca	ccccttttng	tgttgngggt			900
ngggaaaaan	tttnaaaanc	ncnct						925

<210> 4880

<211> 1170

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1170)

<223> n = A,T,C or G

<400> 4880

ccnannncna	nccnnanncc	naannganmn	accnnnnnnn	cnacnacnnn	ancngncnac	60
ncnnacnacn	cncgcccann	nacnncacnn	aanancnnnc	gcnnannnan	ccnccccncc	120
nnncnactc	nnccnnnnn	anngnncacc	cnnnnnnnnn	nnncnacnnc	ananncccnc	180
acnancccca	naacnccngc	mntggcannt	ttnaaatcaa	ancncttggg	nnaacnncca	240
naannctnnc	accaccaccg	ananncgnc	ncacngcccg	nnnnagcncc	agnnncccca	300
acnncnncatc	cctnccgnc	gaacnnncta	nccngggggg	ngggggcggg	ggcangggng	360
aancgngngc	cancccgccc	acnccnaccc	acacnncccc	anaccancn	ccnnnacnnc	420
aancccnncn	ccatacnnc	naccganccc	nnannccena	cgcaccncca	cnngaccagn	480
aancnnaaac	acacacncac	accccgaccn	cnnacaanac	cncncacnc	nnnnnccnc	540
nacaaaaccc	acaccgcnc	ccncaanccn	ncnnncaccc	nacgaccacc	caacacnccc	600
aaccgcncna	ancccnacc	acnnnccac	cncccaccnc	gacnnananc	ncnnncncca	660
ncacgccnan	accacnaaan	nnccccnccc	cnccccaccc	aaccnaannn	cacancagnn	720
ancnacnnan	ncanccccan	cccccataaa	ccnaccacac	ctanncancc	cagacnannc	780
aacgnccnnn	ccctacaccg	annnnnnnna	ncnanannac	antnncanac	ccacaccaat	840
nccgcagcag	acatcgcana	cacncagccc	ncanacacna	nccnnaccac	caanaentna	900
cnnacacaca	cnaacnncn	aacnatntnc	cacgcncaca	nnacaantcn	atnccccac	960
gnacnnctca	nncacancga	ncaatacana	ncacganaca	cancnacgan	nnccanacnc	1020
caacncgcga	cngncacaca	caccacncnc	ancncacgac	nctannanac	ncacanacan	1080
ncctccanaa	cagnacncng	cncncacagc	accacacgat	nacacngnag	cacagacnca	1140
acncgcgaca	naatnncaca	cacnnacgcc				1170

<210> 4881

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4881

gnntttnaan	nttttaaatt	ta	anctt	nttgttcttt	ttgcaggatc	cc	gattc	60
gaattcggca	cgagggtaga	ct	taggg	atcctggacc	cagggttcca	cg	caaca	120
cctgctgagt	tctctgggtt	ttcttcctgc		ctcatgtagc	ccagacttgg	agctgaagaa		180
gctggaaaca	tggaaacacc	aacagctaca	gaccaaaaaa	agtcccaaca	aaggcctgtc			240
agtctgccag	cctgttctgt	ggatttccaa	ctcaagatgg	cagcatcaac	tcacacctga			300
agttctggct	tccctacaaa	ctttgaactt	gccagtcccc	acaatggcat	aagccaattc			360
cttaaaatga	atgtctagtt	ctagataatg	tgtgtattct	actggttctg	tttctctgga			420
gaagcctact	aatagatcat	ttgtcttaat	caattcaagc	tactgttaca	gattaccata			480
gactgggtgg	ttaaaactac	aaatacttat	tactcacagt	tttggagtct	ggaagtctga			540
gatcangttt	ccagcaggat	tgagttcttg	gtgaacatcc	tcttcctggg	ctacagagta			600
ctgngttact	taagtggaaa	aagtaggggtg	agctggttct	tttggcctct	tcttttangg			660
gactaattca	tgagggctnc	accctcatga	cctattttacc	ttccaaaggc	tccatctcca			720
aataccatca	caatggggga	ttagaattca	acataggagt	tttggggagga	cacaaacatt			780
tagtccttac	ancca							795

<210> 4882

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4882

ttcaaaccag	cttttganct	tnttgcagga	tcccatcgat	tcgnntcaaa	canagnattg	60
tgatattgtc	aaagagaaaa	acnaatcctg	aagatacatg	gaaatgtaac	ctagttagg	120
gtgggtat	ttctgaagat	acatcaatac	ctgacctttt	ttaaaaaaat	aattttaaaa	180
cagcactactg	tgaggaagaa	cagtattgac	ataccacat	cccancatgt	gtaccctgcc	240
agttctttta	gggatttttc	ctccaaagag	atttggattt	ggtttttgga	aaaggggtta	300
aattgtgctt	ccaggcaaga	actttgcctt	atcataaaca	ggaaatgaaa	aagggaaggg	360
ctgtcaggat	gggataat	gggaggcttc	tcattctggc	ttctatttct	atgtgagtac	420
cagcatatag	agtgttttaa	aaacagatac	atgtcatata	atttatctgc	acagacttag	480
accttcagga	aacatangtt	aagccccctt	ttacaaagaa	aaagtnaaca	tacttcagca	540
tcttgagggg	tagtttcaaa	actcaagttt	catgtttcaa	tgccaagttc	ttattttaaa	600
aaataaaatc	tacttataan	aagaaaaggt	gcattnctta	aaaaaaaaac	ctttaaanga	660
aaatgaaaga	agaacctttt	tncangatac	ttactttgan	gactgttttc	ccctttttna	720
tgagatatag	cttaganac	ggcgnggggn	atttctttan	taatnctctg	ggttttggat	780
ctggccttg						795

<210> 4883

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 4883

tcnctntcat	ctnaacnctt	tgcaattncc	ctttttgcag	gatecccatcg	attcgcccag	60
ggccgnctgc	ctgagcctnt	ctgcagctgc	tcacnttttg	ctgaggcctc	tgcccttcaga	120
gctagtgggg	cctgctcaca	cattccagcn	gttnectctn	tatttgnctt	gaaccaagtt	180
gtagaattta	aaggagggtga	agnaaggcga	ttnctatgga	aaatatattg	nncttcttta	240
ctcctcatgc	tnagtgcata	anaatntatt	atntccctcg	aatgttcaaa	gtggtgtgtg	300



tgtgtgtgta	aaagaaccag	ga	aacaa	tcttaatagg	aatgtgcat	ct	gccta	360
tcttttagcac	acttaattag	ct	acccg	ggactgtngc	catttgaaca	aa	gntaac	420
aaaatctgcc	atgttttgct	ctttttcaaa	aggaangact	cnaataacca	tagcaacact			480
tactcagntt	tgtgatccac	tccaagatta	tgggagcaag	aacagatact	cctgaaagca			540
accctcacct	cctnccccgc	cccctgccct	cagcaagtc	tggcctgtgt	gaactgaagg			600
gtttggaagc	tctggtttct	aggagtgcc	agaagcttga	aagactagg	tgtactagtt			660
attgangggc	agttgtcant	ggcagtgtgg	gggcacccca	attngtattc	canggcactg			720
cattgctttt	tt							732

<210> 4884

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4884

gantggtcga	actnaaccct	ttggaaantc	cctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gccactccgc	ctcttccctc	ccttcntttt	ttcttctct	cccttttttc	120
cttcttctct	cccctctctg	ccgccaccgc	ccaggaccgc	cggccggggg	acgagctcgg	180
agcagcagcc	aggtagaact	ttagacttca	tagcactgaa	ttaacctgca	ctgaaagctg	240
tttacctgca	ttgtttcact	ttgtttgaaa	gtgaccatgt	ctcaagttca	agtgaagtt	300
cagaacccat	ctgtgtctct	ctcagggagc	caaatactga	acaagaacca	gtctcttctc	360
tcacagcctt	tgatgagtat	tccttctact	actagctctc	tgcctctga	aaatgcaggt	420
agaccattc	aaaactctgn	tttaccctct	gcattctatta	catccnacca	gtgcagntgc	480
agaaagcata	aaccctactg	tagaactaaa	tgcctgggca	tgaaacttgg	aaaaaaacca	540
aatgtntaag	ccntgttgaa	ccttactctc	gggatgcagn	ccacctataa	ctaccaaaaca	600
tggagnangg	aaggaggttt	aaatcccccn	agggnnactt	ttnncccant	ttctaantcg	660
cnancctttt	cncttnnaaa	ngnggatnnc	tntangcgng	nnggccagca	natntcannt	720
gnantaggnn	nancccnncn	tctnngcnga	ngaacnnncn	cnactcccg		769

<210> 4885

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4885

gtcttgtcct	cnnaaaccct	ttgcacttcc	tctttttgca	ggatccctcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtnnctct	gtggtctg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggtcatgggt	420
ttgatcanga	actttttgta	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tgggaaggt	ccaanaataa	naaccatacc	600
ttttgtcttg	aagtgcacgg	tggtagcaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaach	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4886  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

```

<400> 4886
agnaggnttt tcagaaagct ggnnnaggna gcnggnagan gcnttgaagg cccttgctaa      60
tngcttgga agctccatct anagagnngg anggtnggga gcncgnnaaa catgcngnaa      120
canctctagg aagtngaat ctgatacaag ctganatgtt gnnatnatgga nangatcnca      180
cngaattgat tgctgtgaac acngtgnatn ncngaacca gatnaaatg tnatatggaa      240
cnattacanc antntgcact gaagcaagct ggccaagcan gnctgcatgn ccgaanattg      300
aatatnactg ggcanatggg actaanatta aaaagccana nnaantgunc tgcaccaaca      360
tacaatntgac tannnggatg acttgggttc aacgancagn cntgatagat gaaaccncg      420
tttcttnta agattggtgt nccatntncc caaaaacttt atnnctgtgg caganactat      480
ncntaaaagc gncttgnnna gggtttnaan gccnntanna atcaccangc nctantgatt      540
cngtgatgcc atctgccaac taggaggcnc anctnaacnn ctacnttaag cactnnattc      600
nncnttgntt cagggntttt aancnagntt tgataaggcn tgaantggg cacctctnca      660
agaattagta canaaacttg gatnnaaga ccnnatnaan ggncantcta ngaacacagn      720
ntccncccn gcttaatnca ttggtagaac canctcaatn gntatccngt nantgnacna      780
ctn
  
```

<210> 4887  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

```

<400> 4887
gnnngnnnnn nnnngnnnnn tnnnngggnn tttgcnaata nacaggctac ttgttctttt      60
tgcaggatcc catcgattcg aattnggcnc gagctcngac cttatnanca gcatnacgca      120
tgactaccac ctgnatganc aggatgctga gggccggctg gtacgctgga tcattcncat      180
tagtncccga aagagccgtg cttggcnaca gactccgagg gtcgttcaac tnggctgctg      240
tcccaaacgc tgctgaccct gacagtggcc atganacccat ggngggctca ggtcttactc      300
agnatgagct gacagtgcac atctccnagg agacgactgc agatgccatc gcccgnaagc      360
tgaggcctta tggagctcca gggtagccag caaagccatg actcatcctt tcanggcacc      420
gacacagact cgtctggggg cacccttgct ncaagtgtac tgataaccnc tgacaggccc      480
atctggcaca ccctttctgg gagaagcatg gcctacagaa tgaacagggg gaccaggaac      540
ccctgtggga naggcttaaa cctgancagt gccactctg gntcctcntg ncttggtgta      600
ctggnttctg gaccatgtgc atttactg nccatgggat ctacatctct tgcattcccc      660
nctggctgat cctgccangg nccgttnctt cctgctcatg gncttnaggn ngntgatca      720
tngaaagg
  
```

<210> 4888  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(808)  
 <223> n = A,T,C or G

```

<400> 4888
tttgttggcn ncntagtann nnngganana cntcntngct ctanaagaat tgggttggtg      60
cngcacgang agatgtgtcc agtgcccent gtggngtggtg antagaaacn cctgngggnn      120
aagtgactnn gtnggnccnn ctggcttcgt gcangangnc tcgtnactgn atacgaccn      180
gccacngtgt tctnaangac annnccanan atgggttana ntcnctgctg tgggagtctt      240
tantcccaca cncnggacan gctggtnanc tncactgtnc nngatgatgc acaccngac      300
cnatnacgtc angacgatnc nnntcncgac anntatggtg aagatncctn ccgtgggtcn      360
attcttntctg nacntnctgn gnccatgacg ctcacntngc tgtngagctc gntccgtgcc      420
cangtggtgn acatntaaca gatncnacac tgtcttataa ngggaccacc nangattngg      480
gtctctataa nagancnnac nntgatcctt aattattctn agggcctncc gttgnttttg      540
gctctgcctg gnnttntagg ncaacgggac aatccaacn tnnccntttg annancctta      600
tgaacaattt ntgnncttca naattnnnta ngccntttng magnaataac cnttttancc      660
tnattttgac ctgganttna ttcnnccaa tgccttcgga agntggncct ttnnacacnaa      720
ggggaccagg tggaaanccc tcttgatttg gaccaaaaaa ggcccnctt ggcttnatct      780
cccttaaact ngatnncncg tgcnnncg      808
  
```

<210> 4889  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

```

<400> 4889
tnccttaantg gcttggcnac tngttctttc tncaggnagc ccatgcgatt cgaattcggc      60
acgtaggtca gacatgaaaa ctatttttaa gctgactttg ntgccttata ttgaaaagaa      120
tctagatagg tgcttttaac tggggtatta acttttttag aatgacacag ntgaacagtg      180
ttaataatag tgtgtcaaga ttgcaaagtc gacatactca tttggtttaa gcaggaatcc      240
tagaagcaaa tggatgggga taagaatagg tcattttcta ttcaccatcc tttactatta      300
anggaaagga aaagaacact agctaaggaa gggaaaggga agtgatctca taaaagtagc      360
anccttcatt ttacattctg tctgttggtc ttttcctgct ttgccagnnt gtgctaattt      420
gggaattgtg tactccnaaa caagtagaaa agtgctgctg agggattnta ttaaactctt      480
ttntaatgga atgtggcnca aattgttcat gttaccaaag cnatatttnc ntgggaatct      540
aattcaaagt tngtgggnata caacctgagc cttttcttat ntaacacaag aatatgttca      600
catcttggtg tngggccata tttatngaag gctgaactcn attgtgcaag ttgtntctgga      660
tgcngtttgt aaataactga aaataatttg gntgacctt ttattcaatt ctgnatagan      720
nttaaaa      727
  
```

<210> 4890  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

```

<400> 4890
ttntactataa ttgcttggct acttgttctt tttgcaggat cccatcgatt cgaattcggc      60
  
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acgagcntng	cttttcttgn	naagcagt	ttttcngnac	anatttgctt	tracaa	120
aaagannacn	naaatgctgt	tgtaaca	tttcagaaca	ganattgtgt	tgatgatc	180
agtgtttggg	ggttaacttt	gcgttaattc	ctcaggcttt	gcnatTTaag	gaggagctgc	240
cttagaaaann	aaataaaggc	cttattctgc	aatantngga	ntgaaccaat	attctataga	300
acatataggt	acagctgata	tcgtgtatat	nttccttana	gaatagctga	acaccttgag	360
ccttaanacg	gagctgntgg	gaaacattan	gcactctttt	atgcggttac	tcctgcctnt	420
gcttggcact	gcantcttaa	ganagattca	aaaggctgcn	aangaganga	aatctgttcn	480
nggaatgttt	cacnggccna	taagatgcnc	naanactctg	tnctcngatg	tnTgcctggg	540
cccnatgtgn	aaggngaggat	gcctgctcgt	tcttgcnccT	ntgcctctna	gnacacnate	600
agtnnnccct	tcaagacntt	ccacttgntt	aanatattta	tnnatgnan	gganaaggct	660
ttaantnnat	nnggacaaat	aatgcttttag	ttttnttttc	caaattaggc	ccttntttaa	720
aaacaagggt	ggntgnannn	tcctcna				748

<210> 4891

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4891

ctncttaang	gcttggcann	tenttttngc	ncgcanncca	angngnntgg	gagccactgc	60
gcccgcccaa	ngacactttc	aaatactcat	gatnggatat	gcctctgtga	ttgacagtga	120
gcatttcaaa	tgggttaaag	attgctctgc	aaagaggtta	actgtngaga	ttgatacagg	180
ctatcttcaa	catatgtaca	ttgctgtata	tgacatttac	ctaccattgt	gcactctggga	240
cttctgatg	gaccacagga	attccctttt	cttcccattc	tcttccagat	ctttcttcta	300
cttgaaacc	cttatctaca	aaaatgaata	aacaacccaa	tctcatttct	gatcngtcc	360
tggaattgat	ctaaggcaan	gtctggagaa	gtggtgggag	acagcanaca	gctttngtta	420
agtcttctaa	ccccagcact	ttctcagcct	catctgngng	ttcctgtctc	actctgcaga	480
cctcacttna	caatgctctt	cagatccctt	aatgaatagg	aaattgattt	tgggtatttc	540
tatnaaatac	agcagagtct	tagaaacttg	cagtggcctt	nanangaaag	aacccttct	600
taactncctg	gccagattna	tctttctttt	atgggntcna	acactaactg	ggaanttttn	660
cccatgggan	ggtatttgng	cctttcagac	tggctttttg	nngaactggn	tttggaggga	720
cataaacctg	aggactggtn	atantttt				748

<210> 4892

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

ttgncnnctt	aatggctnng	ctacttgctt	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgaggtc	tcataacct	nttngacanc	aataannnna	cgncnagaac	cttnnnnaan	120
tcggnaatc	tgnccatacn	ccacacggan	ctaactcngt	ncnngacatt	anacttnaa	180
ngcatgcgag	tttntaana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nngctgtgna	300
ggaagttnn	taagaaaatn	gctgnacnan	ttgctanata	nttgtnngcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccaaaatn	tggtgcnnca	naatgnntaa	480

taattntacn	ngatngaacg	toctagg	cttaggactc	aagctnnatg	gaactgtg	540
tagnacacat	ttgtaaccgn	gnacatg	gaaatngtgg	gnaaacngan	ntactgng	600
aaananaact	caggttttac	tttngcaggn	gcantncnnn	atntntcnn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntcncacttg	tgggatacnt	ggntaanncg	gccca	714

<210> 4893  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

<400> 4893						
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ntgcaggcag	cccatcgctt	cnaatncggc	acgagcntat	gtnatgctnt	cacctcccct	120
gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtcog	180
gtcttgttta	atattattat	tattatngtt	atttaatttt	attntattgc	aactgtactt	240
agagaatagt	ctggtcttga	gaccttttca	ctgnggtctg	ntctggtgta	cggtcccac	300
cagtgtgaag	cagaaggatg	actttgctct	gttgtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgtccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggcctccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttgngna	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgcegt	ggtcctttcc	540
gtcatcacac	tggccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacaccctt	gncaactacc	tgattggctt	nccttggcca	ccaccgaccn	660
cttgggtttt	ccatcttggg	taatgcccc	tcangcattt	gccttattcc	catttaacct	720
aacannctgg	gaacttttgc	caaaatcttg	nngtgaacaa	tttggctggc	ctcngachn	778

<210> 4894  
 <211> 787  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 4894						
gncaggctct	tggttctttt	gcaggatccc	atcgattcgc	tagactgcta	tgantagtga	60
tgancancat	ctcagntgc	caagggagaa	catgantccn	catgaacaaa	ntnggttccc	120
tgancagggg	gaaatgnaat	gctgagactc	acancaggng	gtgcgncnta	nngacctntn	180
nctgnannga	nanantgnag	gccacnatac	actngatgan	nnaatggact	nnctcttnaa	240
agtgtctgna	ntgctnctgc	cataantata	gtanatatna	canttgcctt	ggtccnctt	300
ctacctnaga	atgctgtgtc	ttacgctctg	tcttcccana	tctcccanna	nttgggaann	360
tctgaggtca	gagggcaaaa	ngagaacctt	ttaattctga	ntctgacata	atcagatctg	420
gaaccagtgt	nnaagctgta	anacttatgc	angcgtaagg	tggttggtgg	tttaagcctt	480
atgntagctg	tggnntntct	aaanantntg	aatntatctc	tgtcatagn	tttgacctgc	540
atttgctaan	ngngtcnnta	anggatgtgg	ngannntggn	anttncccca	tgcattccna	600
gngtctnggc	cnntanaaac	cnggnccaat	tgaagttcaa	cntttaactt	tnggcctgta	660
naggaccatt	tggccatngg	tgnccttggt	taaagggaa	gaatnttgng	aatncgatta	720
agccatttnt	aatttccctn	nttggccttn	aatccccctt	ggaattcttt	nnnngggaac	780
ccctttt						787

<210> 4895

<211> 863  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(863)  
 <223> n = A,T,C or G

<400> 4895  
 nngtcncct ttncaannnc tngganaccc gttctttctc nanacannaa gntctnatgc 60  
 tngggcacga ggtctcnagt tttttttntt tgntngtnga nacaggctcg ctctgncgcc 120  
 cangtggag tgcanngcg cantctcggn tcaactgcanc ctccacctcc cgggttcacg 180  
 ccattctcct gcctaancct cccgagtagc tgggattacg gccgccncc accactcccg 240  
 gctaattttt cggatttttt agtngataca gggnttcacc gtgttagcca agnatggtct 300  
 cgatctcctg accttntgga tccaccacc taggccttcc aaantgctgg gattacaggc 360  
 ctganccact tgcgcccggc acattcaggt tcttatcaan gaaataaccc agactttaat 420  
 cttgaatgat acnattatgc cccaatgttt aagntnanaa aaatttcctt aaaaagggtta 480  
 tctttaaaat nagnatcttt anngcnaaaa taccgaagct tgatggaaaag gccatcttgg 540  
 atgcccttnc attcttgtnt caattccatc ttcccaaana nccaggttcn aaantaaccc 600  
 cctttnttgg ttggggcnat atgnaaattt tttaaaggga gttnaattcc aanatggatt 660  
 nnaaaccaga ctgccntgaa ttgganaaat tnntgatttc cttcaaaatt gtggtttcnt 720  
 ttctaaantt ggctggnccc ttaatttgga ttaatttaaa tccatgntat tattgattaa 780  
 atctngangc angatgaaac tttaccagtn ttggaaatta attactaant taatcncnaa 840  
 tatntnnaan tttttccttg atc 863

<210> 4896  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 4896  
 ttnttnnttt caaatttcaa atnctaggct actngttctt tttgcaggat cccatcgatt 60  
 cgggtggaact gagtgccact cgtaagaatg ccagcaacat ggagtacagg atcaataagc 120  
 cgagagctga ggattcaggc gaataccact gcgtatatca ctttgtcagc gtccttaaag 180  
 caaacgccac cattgaagtg aaagccgctc ctgacatcac tggccataaa cggagtgaga 240  
 acaagaatga agggcaggat gccactatgt attgcaagtc agttggctac ccccaccag 300  
 actggatatg gcgcaagaag gagaacggga tgcccatgga cattgtcaat acctctggcc 360  
 gcttcttcat catcaacaag gaaaattaca ctgagttgaa cattgtgaac ctgcagatca 420  
 cggaagaccc tggcgagtat gaatgtaatg ccaccaacgc cattggctcc gcctctgttg 480  
 tcaactgtcct cagggtgctg agccacctgg cccactctg gcctttcttg ggaattctgg 540  
 ctgaaattat catccttgng gtgatcattg ttgtgtatga gaagaggaag aggccagatg 600  
 aggttcttga cgatgatgaa ccagctggac caatgaaaac caactctacc aacaatcaca 660  
 aagataaaaa cttgcgcca tagaaacaca aattaagtac tgcttacaat atctttangn 720  
 tcc 723

<210> 4897  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 4897  
 gtttannacc agctcttgnt cnttctgcan gancgatncc atcnatnnnn attccgnncn 60  
 agggggctga ngcgnccgag gacagctcgc gatgagnggn cnacgaaggc tcntctgnac 120  
 tggnnncann gttnannngn ctnnctcngn gtatncngtt cncannctna ncgatncatg 180  
 tntctactt gatcnggata naactgtatn agaaccaang nacttnncan nngctactga 240  
 ccntncccat gtncnctgc acgtagtgg atagatanca ctaccnntna ccagntcgat 300  
 gaaccgatn ngctctgcag ctggtncana ctgtctgngc anctnncnnc ttgcagttgn 360  
 acctnnngn ccttggttaat gncactacca ntgtgctgtc cttatgccat ggatgttgnt 420  
 cccagatctg tactaacnnc tnccaggaca tggccaattt gggtagcccc tnantgnaga 480  
 tgnnctgacn ntganatcac tgatnactan atggggctca ncgtgattta catgccactc 540  
 ttggtnatat ggtcttantn gatgnnact ngatgntgmn caacctntg gaatgaccta 600  
 natgagctgg anccatgaaa ganattgncn caagcattnc ccnntgacgg ngantatggg 660  
 ctnantnccc ttattactat tnccttngtg gacttnttan taanattctg caaagctcan 720  
 gtccaaattg natnaccttt ngnaggcann accnttcgat gntnttgtgn t 771

<210> 4898  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 4898  
 gnttntnnnt ttnaaatctc angctacttg ttctttttgc aggatcccat cgattcgaat 60  
 tcggcacgag actgctcctt cattcccaag aagaaaagac aagtactgct acttccaaaa 120  
 ctcagacacg acttgaagggt gaagtgactc ctaattcctt gtcaaccagc tacaagacag 180  
 tgtcattgcc attaatgctct ccaaacataa agctgaatct cactagccct aaaaggggtc 240  
 agaaaagaga agaagggtgg aaagaagttg tacgaaggtc aaagaaattg tctgttccag 300  
 cctcagtggt gtcgaggata atgggaagag gaggatgcaa catcactgca atacaggatg 360  
 ttactggtgc ccatattgat gtggataaac aaaaagataa gaatggcgag agaatgatca 420  
 caataagggg tggcacagaa tcaacaagat atgcagttca actaatcaat gcactcattc 480  
 aagatcctgc taaggaactg gaagacttga ttcctaaaaa tcatatcaag aacacctgcc 540  
 agcaccaa at caattcatgc taacttctca tctggagtan gtaccacag cagctttcag 600  
 ttaaaatgca tttnttttg gtgctccaac tctttgnaac tttacangng aacaaccgtt 660  
 ttctacngtt tcaanccnt ttattaaacc tttatnagga atgttcttaa aaaaaaaaaa 720  
 aanaaaaaacn nt 732

<210> 4899  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 4899  
 nggaggntn nnnnntnata gacagctact tggtcttttt gcaggatccc atcgattcga 60  
 atncggcncg agcctgtgtg ggggtgcngt acattgcana cgctctagng acctgttgtg 120

atgaactntt	ntcnatggag	aggactc	nngnctanc	ancggnccg	gnccaag	180
aganacngtg	tancnctcng	aggataac	tnnncaagat	ntactactga	tgcacnat	240
tnntgccttn	nacntgnggg	cattacacnt	gctnntgatg	ntagntnnaa	atgnnttaac	300
agnanncnnc	cnattcatga	ctgccgtggg	atctaaggga	atcaatgcca	actgtntacn	360
tnntggactct	naaagctaata	attgtacatg	gtctatcagt	ccnggaaatn	tngcttataa	420
tatnnatgng	ncnttttaata	gacntntatn	nnnnagatcn	ctcacttttn	cnaagggct	480
ataatgagat	tcacgaagtn	tgcttacnng	agagcanaca	tccggtnatn	atactgaaan	540
tctgtgggn	atnaaggntt	ttgaacactt	gcaattattt	gaattaattc	agcncctggg	600
aagaactncc	aggaagttca	cananagant	ccattntggt	gaaactgcct	ntggatanta	660
ctccantgnt	gnatgctctg	ntganatctt	ccanntgggc	taccgattna	aggccatggt	720
caagntnctc	acttngcagg	nctgaattac	c			751

<210> 4900  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 4900						
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ggcacgagag	aggggtgggg	ctggccacat	aggtnnctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggcatgggt	420
ttgatcanga	actttttgta	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaaa	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4901  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 4901						
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ggcacgagag	aggggtgggg	ctggccacat	aggtnnctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggcatgggt	420
ttgatcanga	actttttgta	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600



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tttttgcttg aagtgcacgg tgcacaaat ttctaaaatt agaaacattt aaacaaaaan 660
atantnaacn ncantacccc ctctcngaaa naaaaaancc tcgnacntt ttgacttt 719

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<210> 4902
<211> 779
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

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<400> 4902
tcattcnnt nctagnnctt ggtgcgganc cntcncttcg natteggntc naggtcttca 60
ctgntggctg gttcccaagc aggantgncg agctctggtc cnttcaaaac tnaaggctcg 120
cttgaacntg acntagactc ctaatgcctt gtttgcnena ctacngaacc ntncnataga 180
catcgnnnnn tcngatngtg acacagnctt ngncnatecn tatacngnnn cngnctntat 240
antaaggntt ntnggantnt ggacgnacgt ngtnagatg natagactca gactcatctg 300
atgtgatgat aagacagaan tggagngccn gacntgantt gtctgcagga tngtctgaa 360
ncnratgtnc ctgtgtgtga tcttaaagat gtgaatgctn tnagnncnat nnccttaatg 420
nntggnacga gttcgacaag atttgcgatt gacttccana cntacnenn tgntgntcct 480
gntagatggc tntaaanact tggntctecn atgtgggtcat atggagaacc ccttntctgng 540
ncgancnttg ntcangcctn gntttttcnc ctggaagnag gntcccactt tnggcttgcn 600
caattngggc naatggcatt nncctttttg gggngncncc cnancttggg nggttnaacn 660
ttcctaagg gccanaanc cntttnanct ccccttttnc ctgcccant ctcaatccac 720
ctntnaattt cccnaagngg tttntaaaac tntnaaacct tttcnanaaa gcccctnct 779

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<210> 4903
<211> 779
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

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<400> 4903
tcattcnnt nctagnnctt ggtgcgganc cntcncttcg natteggntc naggtcttca 60
ctgntggctg gttcccaagc aggantgncg agctctggtc cnttcaaaac tnaaggctcg 120
cttgaacntg acntagactc ctaatgcctt gtttgcnena ctacngaacc ntncnataga 180
catcgnnnnn tcngatngtg acacagnctt ngncnatecn tatacngnnn cngnctntat 240
antaaggntt ntnggantnt ggacgnacgt ngtnagatg natagactca gactcatctg 300
atgtgatgat aagacagaan tggagngccn gacntgantt gtctgcagga tngtctgaa 360
ncnratgtnc ctgtgtgtga tcttaaagat gtgaatgctn tnagnncnat nnccttaatg 420
nntggnacga gttcgacaag atttgcgatt gacttccana cntacnenn tgntgntcct 480
gntagatggc tntaaanact tggntctecn atgtgggtcat atggagaacc ccttntctgng 540
ncgancnttg ntcangcctn gntttttcnc ctggaagnag gntcccactt tnggcttgcn 600
caattngggc naatggcatt nncctttttg gggngncncc cnancttggg nggttnaacn 660
ttcctaagg gccanaanc cntttnanct ccccttttnc ctgcccant ctcaatccac 720
ctntnaattt cccnaagngg tttntaaaac tntnaaacct tttcnanaaa gcccctnct 779

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<210> 4904
<211> 779
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 4904  
 tcattcnnt nctagnnctt ggtgcgganc cntcncttcg natteggntc naggtcttca 60  
 ctgntggctg gttcccaagc aggantgncg agctctggtc ctntcaaaac tnaaggctcg 120  
 cttgaacntg acntagactc ctaatgcctt gtttgcnena ctacngaacc ntncnataga 180  
 catcgnnnnn tcngatngtg acacagnctt ngncnatcnn tatacngnnn cngnctntat 240  
 antaaggntt ntnggantnt ggacgnacgt ngtnagatg natagactca gactcatctg 300  
 atgtgatgat aagacagaaan tggagngccn gacntgantt gtctgcagga tgngtctgaa 360  
 ncnnatgtnc ctgtgtgtga tcttaaagat gtgaatgctn tnagnncnat nnccttaatg 420  
 nntggnacga gttcgacaag atttgcgatt gacttcana ctntacncnn tgntgntcct 480  
 gntagatggc tntaaanact tggntctccn atgtggatcat atggagaacc ccttntctgng 540  
 ncgancnttg ntcangcctn gncttttenc ctggaagnag gntcccactt tnggcttgcn 600  
 caattngggc naatggcatt nnccttttg gggngncncc cnancttggg nggttnaacn 660  
 ttcntaagg gccaaanaanc cntttanact cccctttnc ctgcccant ctcaatccac 720  
 ctntnaattt ccnaagngg tttntaaaac tntnaaacct tttcnanaaa gcccttnt 779

<210> 4905  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(720)  
 <223> n = A,T,C or G

<400> 4905  
 ttgcnaactt aatggcttg gganactngt tctntctcna ggntgccnng cgtttcgcaa 60  
 aaaggcaaag accaagacca ccaagaagcg ccctcagcgt gcaacatcca atgtgtttgc 120  
 catgtttgac cagtcacaga ttcaggagtt caaagaggcc ttcaacatga ttgatcagaa 180  
 cagagatggc ttcacgcaga aggaagattt gcatgatatg cttgcttctc tagggaagaa 240  
 tcccactgat gcataccttg atgccatgat gaatgaggcc ccagggccca tcaatttcac 300  
 catgttcttg accatgtttg gtgagaagtt aaatggcaca gatcctgaag atgtcatcag 360  
 aaacgccttt gcttgctttg atgaanaagc aacaggcacc attcangaag attacctnag 420  
 agagctgctg acaaccatgg gggatcggtt tacagatnan gaantggatg agctgacaga 480  
 gaannctat tgacaaaaag gggattcaat ncatcnagtt cacacgcntc ttgaaacttg 540  
 gagccaanac aaaattactg aaaggaactt agctaaanct ttncanttcc atggcttact 600  
 ctttttactt nttaaactt cccnccttt tanaacntnt gnattncaat taatttaana 660  
 attttgccn ttttttttg ggggtttntt nccanctttt tncctttgnc tttggttaan 720

<210> 4906  
 <211> 1593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1593)  
 <223> n = A,T,C or G

<400> 4906  
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 ttttngcca ggggggaatc ccccnatnc cggaatttt cccgggaaa tttncgggg 120

gccaaccgga	aggggaatttn	ggagnc	aaaaggtttt	ccaaggccta	aaaggng	180
aaatntgggg	ctctttcnct	caananggc	actactnct	cgctcntaac	aaanannnn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	nctacntacg	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantcnc	ttataantac	ctntcctact	360
cctacatatn	gacncnctga	ntntnnctn	anacnaancn	ncntntnnna	tntnttctct	420
attanttaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgatc	480
acntcntaan	cnttatcttt	cntatntacn	ctacnnatnn	ccatnattat	cgctcnatnt	540
ancttntnat	ttactacang	antgntctat	catnctcnna	tancnacnnc	tctnntccat	600
actnncnatt	tgacnacngn	ancatngttg	ttctccntat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacg	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntgttaa	ctatattaac	cgtnccgnacn	780
tanacatcaa	gntnacatac	ntancngan	acataccaaa	ncnatannnta	acatatcnct	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	ccctttatga	900
tactaccaaa	ancatncgnt	ctacttctct	cactccntac	ncatacnant	nttgcattnng	960
cnatncacg	tannnncccta	cactatagct	annnttgntc	tctttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnann	gnctctgtng	tnaaactcca	cgcatntaca	1080
ccgctcnnaa	nctccctacc	canctnnctn	tatcccttcc	nnntnaann	tatangtctc	1140
tatatacnct	ctncanantn	acatctntta	ttctccncta	tgctcccttc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactncgmn	tctanantca	tcnanntant	1260
cananantnc	ntacnnantc	ancttcttta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntncnn	tntctaaatt	tagttntctn	cctcncatgt	nttancncaa	nacactntca	1380
tncatgcann	ttcnatacna	atacntannt	acatntcatn	canntnnatt	actnaangac	1440
atancngcca	tatatactan	gattgtaaca	ttcatnanna	ncnnncgnat	ntacacntta	1500
ttctctatat	natactctgn	atntcacnnc	ttctntcnat	ctntacnann	tcangttnnc	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

<210> 4907

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4907

gnncttngaa	tttaannccn	ttngctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggttcctgat	atggcnggct	atcctcacat	gtcgttacat	tncatcagga	120
ttggatggaa	catcattcag	aggtcctttc	acgggcaatt	ttgaggaact	gattcatttg	180
gaagaaagat	taggcaatgt	caatcgtgga	gcatcccang	ggacaattga	aagatgtaca	240
tatccacata	aatacaaaan	ggttacaact	gattggttct	cacagaggaa	actgcactgc	300
aaacaagatg	gggaagaang	gactgaggaa	gacncacagg	aaaaatgtac	tatctggtnng	360
nctatttttag	aggaagggtga	agatgtgaga	cgtcttgcat	gtatgcacct	tttccaccaa	420
gtgtgtgttg	accaatgggt	gattccaata	agaantgccc	catatgcaca	gtggacattg	480
ngcccatctg	ccaagtgaag	gntgacacca	tgtttnanaa	ctnttgccct	ccctctcatc	540
ccattacttc	ctgntgctgt	acttcaacnc	nnagatggca	tgacttacct	gcgcagattt	600
ggaagcattg	naacttataa	tgctgnctnt	gctatatggg	acaacttatg	cttagacctt	660
cagtttatgt	atcaagtggc	tttgangtnt	tatnaaagct	ttttttctag	attgacnttt	720
tengctcant	tactggttnt	tgcnnggtc				749

<210> 4908

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

```

<400> 4908
ttatnctgtn nnnnttttna aannatagct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagccgga acaaggacca ggagggtgaac ttccaggagt atgtcacctt      120
cctggggggc ttggctttga tctacaatga agccctcaag ggctgaaaat aaatagggaa      180
gatggagaca ccctctgggg gtccctctctg agtcaaatcc agtgggtggg aattgtacaa      240
taaatttttt ttggtcaaatt ttaaaaaaaaa aaaaaaaagcc tctagaacta tagtgagtcg      300
tattacgtag atccagacat gataagatac attgatgagt ttggacaaac cacaactaga      360
atgcagtga aaaaatgctt tatttgtgaa atttgtgatg ctattgcttt atttgaacc      420
attataagct gcaataaaca agttaacaac ccaattgcat tcattttatg tttcangttc      480
agggggagggt gtgggaggtn ttttaattcg cggncgcggc gccaatgcat tgggcccggg      540
cccacttttg ttccttttagt gaggggttaat tgcgcgcttg gcgtaatcat gggcatagct      600
gtntcctgtg tgaaattggg atccgctcac aatttcenca caacatacca acccgggagc      660
cntaaagtgt aaancctggg ggtgccttaa tgaagtgagc taacctcaca ttaaattggg      720
gttgcgctca ctggncccct ttccagnccg gaaacctttc ttgccaanct ggcatttaaa      780
gnaatnngg
  
```

<210> 4909  
 <211> 1214  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1214)  
 <223> n = A,T,C or G

```

<400> 4909
gcncctcccc cttnttnaaa ccntttnaaa acccttggtt aaaccccttc nnattnctna      60
tngcttggn aacactnctn nacctnannt nnnnatncac ggntngcnnt tttcnacgtt      120
ttncnncch cttntncaact cagcaacttt ntacnctta atntgcant nntctnctan      180
cgggngggcn anantanatg gnataacang gntgtcnncn gactgntcct ggcctgnaa      240
atancatctn tnatggntaa ncacannttn tccanagcnn aatagnntng gngccnctg      300
aanccccaan ncctnattnn cagcaccac ctttattatt nantatgna tcataccanc      360
tcganncct atnggtggnt ntctngngcc antgnaatat angccgcagn catntngnnt      420
aacgntatcg ntgcaacant cnntccaact gnaacantng ctentnctt cgccactnnt      480
aatantnctg ntcattacca agtatnanaa ngntatcttn tncacactaa ntnagcngc      540
ncaaagntng natnatcact cnatcnata actnnnantn atnnnnnang gtncaanac      600
ttttntanat cnntatattt atantcnant tntantnna attcanntgc ttgnnancac      660
atgnanncta nnnntanntn annncnntat nctctttatn gctnttcccn tttnnantnc      720
anttagacnn tacntnncnn tnangcgcn ntattaanca acannannnt tnnantcann      780
tncctcntnn cgattctntc gncnccntc actgccnncn ntnntcnct nctntnccn      840
ntnctnnnn nngtcnnnt ntctccttct tcagnncctg tcacgctctn atantannac      900
gtatactntc tntnmtann atactcgana cacactgntg atatannctt nntacatct      960
atcantacgn ncnanacat anantnntcn atantctca cactctntca cgatngntc      1020
atcgaccac ttcgnnactc atagatntnn atatanntac cnngtgntan tctnntnat      1080
cantaanaan gcangcacga cgnacatctt gctntcnnc natntcnct ctenatnatn      1140
nantnacact aancacnata cnactaact atattactcn catntcancn ctactctatg      1200
actctancta ngcc
  
```

<210> 4910  
 <211> 1192  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1192)  
 <223> n = A,T,C or G

<400> 4910  
 gnnaaggggt nnnctttntc ttnntctgct ttgngtcac gtentcgacn gngnctcngn 60  
 ctgntctaga tgacctctcc gctttttttn catngaaaag ctcnanacnt gtnnctaaat 120  
 ataannctna agannggacn ctanaaanng ctcactatac atgctcaact aaacnncccc 180  
 tgancatatat gcgctaggng aagcatgctc ntncactaga caattgactc tgcttttagnt 240  
 aattccnatt ccggaacctc gcgcaacccg gtnncctggg gacctcctat ctcntngaaa 300  
 cgatgaaaaa gcccaaccct tttagngtcn cncctngagg aaatnggcgc cattgggcga 360  
 nattcgccct ccaaagggaa aanggnnggt tagacncang nccttttcac ccctngggna 420  
 gnggttgnaa gnggaatagg gnctcnaaat ccccccnaatt tcctnngngt nnaaatgggg 480  
 gccacctcng taaccantcc cttgttgggg gaaaaatttn gccttnatta ncccttnact 540  
 nngggnaaac ctttnccgga atngttangc aaaaattttt tggttgggg gccttttttg 600  
 ggccntaagg nathttnggg ggntttancc cccaaaattt tttcgtnggg gncanattna 660  
 ccaagngnnn ccanttgga accccaattg gttgggccc nccccttggg ttntnggggc 720  
 ttaccttana aaaatnctcn gagggggcgt taaanccttg gtnggaacct ttttttgaa 780  
 aaggtttttn ccngggnnnt nccentttta aaggcggtta atanccngg ggtcttagtt 840  
 tnggnanaaa anccaatntt nttcnccnaa attgggtttt ggggcntttg gtatcccccc 900  
 gnaaattnc aattncaaaa aatttcccnt ggggnnccaa ttttnccnta anccctttta 960  
 aaccggttaa aaacctnggn ggggnccnat ttnttttngg ggntnnaana atttgccna 1020  
 accgttntta acctntttnc ccctttaatt cggngnttnn cccannntt tttgtnggcc 1080  
 cctaaacgng ctaaccagg ggacctttt nggggaaanc cttntccat ganaaccctt 1140  
 tccttaaaaa aaggnggtgn cnacctggg aggaancatt nnttggggaa tn 1192

<210> 4911  
 <211> 1006  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1006)  
 <223> n = A,T,C or G

<400> 4911  
 gcncannccg annnccncan ccannccnnn ncnacncccn aaacgnnana agccgacgcc 60  
 acangncccc gcgancgccc aggctgaanc ttgcnttcaa aagctggaan cgacacgctn 120  
 nagnnnagc nacngcncgn gncacgaggc ccatgtncag nctccaagac cnnangaca 180  
 ccgcccattg ggaagcccc gnggncngga ggcgcacagg aagaagggga tnggggcagg 240  
 aanaagccca nggcccagg aagaccggag gaccanaag gncaggaaga gacacncacg 300  
 cncgncnca cannnncgn acaaganacn ancangggga gcgacnagcn aacannaca 360  
 gnangagaag ngancaccat gngcgacgna nncacacgca ccnagcngc nagaatggac 420  
 ncanagacca canngtgaga annaagccnn agacganaag aacncangng ccgcangcnc 480  
 ccngagaggn ncccccccg canaacatgn cancnactac accngncna cnaaggggac 540  
 tcaggngata ngaaggcncn acancgccng naggnaaaac nngcacacnc nggaaacnnn 600  
 gaacntgna angnnnnncn aaaaaaccn canggggaga aaagagcaaa gngcgngcac 660  
 gcaggggnnn cgnaannana aaaccnngc agnggaaaac cacngggcta naaccaggnc 720  
 ncaagnnac ggaanaacaa cgagcnaaag nnacactaan gaaagnngng cgcaacngna 780  
 aaggggnaac nanccncang ncnacgcan gggaaacnan cgnnnaccga naaaaggggc 840  
 aanngagncn ccnnggggaa aaggcaccaa naagctataa cccgagagca gagnnnanng 900  
 cccncgcca gagaaancc agagnaanna ngacgnaann aancntcnaa naaacagcgc 960  
 ncaaaangcg tggnacannn caaacancna acncngnna ancccc 1006

<210> 4912

<211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

```
<400> 4912
tnaatatcag ctcttgttct ttttgcagga tccctcgatt cgcangaggg tgttcgactg      60
ctngagccna gcgaancgat gcctaaatca anggaacttg nttcttcaag ctcttctggc      120
ngngattctg acagtgaggt tgacananag ntaancagga aaaacaagtn gctccagaaa      180
ancctgtaca gaaacataag acaggtgana ctctcgagagc cctgtcatct tctaaacaga      240
gcagcatcng cagagatnat nacatgtntc atattgggaa aatgaggcac gttantgttc      300
gcnattttta aggcaaagtg ctaattgata ttanagaata ttgnatggat cctgaagggtg      360
aaatgaaacc aggaagaaaa ggtattttctt taaatccana acantggagc cagctgaang      420
aacagattct gacattgatg atgcagtaag aaactgtgaa attcgagcca tataaataaa      480
acctgtactg tctagtgtnt ntaatctgtc tttttacatt ggcttttgtt nnctnaatgt      540
tctccangct attgtatgtt tggattgcag angaatttgn angatgaata cttnttttta      600
atngncatta ttaaaaaatat tgagtgaagc tnatngtcaa ctttattaag gattactttg      660
ctgccaccac ctagtgtcaa ataaaatcaa gtaatacaat cttaataaac nttaaacta      720
taaaaactcg acccttagac ctatantnag tcggttn      757
```

<210> 4913  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

```
<400> 4913
gtnactaatg gctgggctac tcgttctttc cgcaggagcc cancgattcg tcnagtntc      60
gnngnttgn antntnngcc nnggcantna ttnattgncn ntngatgatt gatataca      120
nttgaggtaa aaatatncat gaggtctaaa tataacatgt aaatgcaatn tcatacttta      180
tttncattgg caagataaca ttgantaccn atactgnggt atttgacaaa caagcttgat      240
gcacgtgat ntcnncntta tttccctttt ccttgnttta aaaagatgca ctgcggttgn      300
atnncnnggn natatganta ctatgngcac naaaacnana anntcngatc attcgantag      360
aggganaatc nganctncan tcncattcgt tctnattcng nngnanggat ctngtaggtc      420
ctcctttctn agatgtggnt ttaggccagc agcntaggca tccctgagac tccttataaa      480
tgcataaatc tcaggcncag cccagatnac ttggagcata atntgcagtt tgcaagatcc      540
ccaggcaatt catgtgcatg tgaaatnngg acaagcacct ttntgggcga tgcaaagcca      600
ctcatnctcg cgtgcctatn acggttttca aacacatcgg atcccatctc aggagcctga      660
cccgtgtnta nctanattaa ncttactgn tgatcttnat gatgcata n a      711
```

<210> 4914  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

```

<400> 4914
agagnnnnnn nnnttgtcgn nt...naatg gcttgggttg gttgttcttt nt...gggnag      60
cccagcgatt cgccgggtct agccaacatg tgactacaac tgcataaaag accttaaag      120
agacctactc agccaaactc ttcctaagtc ctgtccaaac aaaaccatga aggataagaa      180
atggttatta ttattttaag ctaccacctt ttggtgtgat tattatatgc aataataggt      240
agcagacact ggctttgggt ggacatgtat gttctctgca tattctgctt ttgtgcatgt      300
ggagaaatgg gctttctggg ctgctgacaa tgaggaggtg gagatgttgt tcaggcagat      360
gcgttttagac ttcgagtcca ctttctcctt ccaagaacta tgtggcctta caaatgctgg      420
ggttggttta agaaaacaga actcttaatg tttgtaaaca ttcctgtacg agagtccatc      480
catcatttgn gtctctctag aaaggtcata cgcagaaaat gtagtggtgt agcaaaattt      540
taaacttttc agactggcaa aaccctttct ttaatgtata gtattactac tcatgtccat      600
tatgaacat gacccaggga gactctgctg anacaggctg catctnctcc accttatcct      660
nctaagacan gcttctacct aaggggacat agaatttacc cctgtttgtg ggggtggtgt      720
gattcttncc aactgnctta atccactgg      749

```

```

<210> 4915
<211> 542
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

```

```

<400> 4915
atccctcnnt tntcaantca tattcctcac aagcannctn tanaatntct nancactttg      60
ttctntcncg cnaaggnga cgcgatntga ggactttggg gnnntgann acttggctga      120
ttcacatgcc anggcctngn angaagcagg agaaaggana nngngacng acttaaacgt      180
gtncataacc atccttacca ccngaagcta tccanagctt ctgagagngt tgcagaanta      240
caccaantac acnaancatg acatgaacaa agntctngac ctngagnaga aaggtnacat      300
tgctaagtgc cttnacagct ctcgtaacn gcgccacagg cgaaccagct ttctttgcag      360
agaagctcta tcangccatg aaaggtgntg gaactcncca tanggcattg atcacgatta      420
tggntncccg ttctnaaatn nacatnaatg atntcanagc attctatcag aagatgtatg      480
ggntctnctt ttgccaaacc atcctgnatg aaaccngang agattattga agaaaatcct      540
gn

```

```

<210> 4916
<211> 1285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1285)
<223> n = A,T,C or G

```

```

<400> 4916
gaaagnacna aagncagctt gacagggatt tnaangnntn ggaacnennn ttctcnaagc      60
ngnntggctn ngatnantta tanatatgtc ttcncatatn angaacnaaa ntatntntgg      120
gnngggnttc tntcngagng atttctgtna ctentgantt nntaatgcnt nananntgtg      180
ancgantnng gtnaattgnn cctancagca ncatgtancc ntaaaaacgc atncnatatn      240
tcttancncn nagnggtncn ncgcnattat ctaatgnctt cttnaactga nntntaangg      300
nctntgtant ncgngaantc ttaagtnnat tcacgncnta tattctaant catgttccaa      360
nnnncctatc ctgcanaatt acnctgcnnn tgatccntgg catcnnggaa gntcantncn      420
gnncaattat tcatnatatt gtggcattnn tctnatttna tactancgnc ntccncttan      480
atatatanaa gncngcaanc tctgtngaen nncttcnaat ntgacnnacc cgtntattat      540

```

atgcatnaac	ccntatcctn	atnctct	agtgtggctc	ttaggcacn	ancttatg	600
ggnaccctgt	gntcaaattn	ggctccgt	nancnncng	ctctcnattt	aanctnang	660
netaacntaa	ccntctttgc	tgggtacaat	anggcgnacn	ctccnctnnn	nacatttttg	720
nnanaaagnc	tacntgggnt	cactatntna	nancnacnc	ttttatcggt	acntngcgta	780
atnattgncc	atatgtgata	cgngnccaac	aaaatgtcac	tntatataan	tntggntcnn	840
acntcnncgt	tanncnncct	atntaacntt	cannttttac	atananncnt	aaaacntntt	900
gngcaaacia	ccaatnggng	atcttnnnga	aaaattanca	tnggtttttt	ggctactttn	960
ctatntcatt	naattaccgn	nttatctcna	ncntanntaa	ctacnntttt	nanaaaggng	1020
tcaatgggtg	tcattctctc	gngacaccct	cnctatata	ncatnctnta	tntagtataa	1080
tctcanaaaa	cntccctct	naaancttnt	gggnacntna	anaanacgtg	actntcannt	1140
cgaanccttg	nnntntntaa	tnggatant	agggnggtac	naaaaaaann	ngtgtttata	1200
aacncancnn	ttnaannnt	tctctatatg	ngcaatttcn	acggtattnc	tncnngtcc	1260
ccatatatac	tanatcacan	tatnn				1285

<210> 4917

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4917

gnncnctnnt	tncngccttt	ngaanccecn	agttccaaat	gctggtnnag	atcagctctt	60
gttctttttg	caggaccctc	gtcanaattc	cnacaggag	anttcggnna	ntntttannn	120
ngagacngag	tctggctcnn	tngccagccn	gaggcggnan	aancncctga	acctgagang	180
tggacncngc	gctgagccga	natcnttaca	ctgcactcca	gcctgtcnac	agantgagac	240
nnntctccta	agnatgtata	atnctnacaa	nnnctccacn	ngancaaann	nnnangannc	300
cggannacgg	agnctcctnc	cctnaangan	ccntggaaga	atggagncac	ccagnngctc	360
nattnttggg	nnntnnncaact	tnggccgtna	aatggatgan	caagggtca	ancagtnccc	420
tncataatct	gccctnaacc	cntncaaann	aacatntnnn	gccantctnn	cttcanaaac	480
nggaaggagc	cccnnatgac	atnccagtcn	nagcccccac	cgaggaacna	ggccnntgnc	540
ccnanntgag	tgcnagnana	agggcnccct	gccanagccc	ctgccggnnt	tcntncaana	600
anggaaagaa	nangaagcaa	ccntggaaac	tcgctctgcc	aangagcncc	nngacaangg	660
ttnaaccggg	nggcccnnt	ctgagcttng	ccgcentttt	ctgngggncn	nceccaagaa	720
gtgtttacac	cccttaatcc	ccnctttanc	nctngatttn	ngggggncce	naaccggat	780
nn						782

<210> 4918

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4918

gnnnnnnnnt	ttnnngctnt	tgaaaacccc	tttgtttcaa	agaccnagtt	cttgttcttt	60
ttgcagggat	cccacgatt	cgaattcggc	acgaggtcac	aggtaaaaaa	aangtgcgtn	120
ataagtnttg	ttatcggttg	actttataaa	agcaaangaa	attgangtaa	cttttgattc	180
tggntcaag	attcatnttt	ncatacaggt	cataactgnc	ttnttgnaac	cctttcacag	240
ggcactgnnn	gatgggatta	aaggtggcaa	ttactggata	actgcacatg	cctctacttn	300
gttctaaant	ctangtcatg	aggtgatttg	atttacttta	tagangctgg	attttgaaga	360



tctaatagnna	aatgttatga	ttctcagt	gngtncaaaa	aaagcaccag	caatgataa	420
aaatcgcntn	tttgtgcgct	acctaactgg	ttaaagccaa	tgtgatcttt	taagngaaa	480
ctcctaagan	acangtgggt	ttgctgnaaa	cttgncanac	ccttaattat	agncggtgct	540
aatgagccta	ctgcaatata	aagccaccat	tnttttttat	caaacatctg	aattcatttt	600
acaaaggcta	ttgttagggc	attattttga	gcactctatt	tgaggtgatg	ttnanaaaaac	660
tttaacntca	aatcaaattg	aaaattaatn	taaatatatt	gncttaagga	ccttctaaag	720
aatgtgccac	cagactttta	tggatagttg	cnannatcct	tgntaanaa	caaaaaagtt	780
gcttaaacat	ttctttttaca	aganggnntt	tt			812

<210> 4919

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4919

ttctaatacn	aggttctagt	nctgttgaan	nccnngctat	tngattcggc	acgaggncct	60
ggctactggg	gaggctgatg	cccanaanc	atgttggccc	aggagtnaag	gctgcagtga	120
gctttgnttg	cacngntgcn	annncatnct	ggcncgccca	nngngncccn	gccacaccan	180
aaattatgtn	ctnagtntan	nngcntcnga	aggcctantc	tcgnaccaga	gttntcttta	240
ctggattatt	tttagattgt	tattaacatt	nctggtctnt	anctttactc	agtctggatn	300
agaaaaagaa	taccatgcaa	ttgttaacta	ttngatgttt	actagattaa	ctattaatat	360
attgttgtgg	tccatattta	agagttactt	tgttntctaga	gatttcatta	tagtggngnt	420
taatatannt	ttgggtattt	ttaactaaaa	atcattgcta	tccttcaact	gtagattcta	480
ctatgaaatg	aggaaaaatc	agcaatagaa	ttaattgggt	tcaaagtata	taaataatga	540
tgtgggaaag	ggaagtonga	gggtatctct	ggaagaactg	atztatctga	aggtaatact	600
gngtgaaaga	acctaagatt	gtngacanag	catgcttnat	gcaattntgc	tggtccatag	660
tagtantaga	ggctctataa	aatgtgttgg	ggtgtttttg	ncttttaang	agacnagtgt	720
ctcgctntat	tggcccagga	gtttcaaacc	tgnagtggcc	cngtggnttn	ncacctgtga	780
nt						782

<210> 4920

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4920

agggnnccnn	tggttctctc	tnaactcnnn	nntgncagcc	ttnttcgcct	accagaaggg	60
gtngggccgc	gctgacggcc	cagntggcgn	ttnttctcca	tttgttatat	gtacatagnn	120
tnnatcacta	gattgnacnc	tcctcanggg	cacgaaccgc	aacatntatg	cngtgccctgc	180
ancnctaata	gtgaanngcc	tggcacactg	gtagcgtgca	tcatgaccen	tngaattgngn	240
gagtaacnac	ctgccnnanc	acgatgnnat	gcngttcacn	tcccctgtgn	acnncncngc	300
gnngcaantc	ctgccatang	agggcgngat	tccaacncgn	gggnnnactg	gcncanctgg	360
gttgnaccat	atcatcccac	atccnnacca	ctngctaacc	cannntcact	gnagattacc	420
tgtcagagac	ctgcgttcgc	tatctaatat	tcgngctgag	gntccttagga	anatctggaa	480
ntggggaaga	ttatggagaa	aatgaaaang	gaaattcggg	gagggngggt	ngcagtataa	540
agccctgtgg	gggaaaacat	attttagctc	ttacttggtg	aaaagggtna	ncagaacctc	600
tggtttcttt	accaangtcc	nctggntngg	nccatttctt	ccaattggat	gaacnacccc	660

tttgggtttt tannctcctt ttttaattt tggggaattc cccnntcnaa ttttttac	720
natngaantc tgggnanctt nactngtcc taaatanaan ttncctgggg naacttggtg	780
c	781

<210> 4921  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 4921	
cacgagggct gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat	60
gagaagcgta tggccacaga agtngctgct gacgctctgg gtgaagaatg gaagggttat	120
gtggtccgaa tcagtgggtg gaacgacaaa caaggtttcc ccatgaagca ggggtgntng	180
acccatggcc gtgtccgcct gntactgagt aangggcatt cctgttacag accaaggana	240
actggagaaa gaaagagaaa atcagntcgt ggttgacattg tggatgcaaa tctgancgtt	300
ntcaacttgg ntattgtaaa aaaaggagag aaggatattc ctggactgac tgatactaca	360
gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct	420
aangaagatg atgtccgnca agtatgttgt aagaaagccc ttnataaaga angtaagaaa	480
cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca	540
aaccngcggc gtatttgctc tagaaagaag cancgttccc tngaaaaaan tnnnggaaga	600
aggcntggan gaatattgct anaacttntt nggctaagag naatngaaan gatgcctaaa	660
nggaanaagc nccaaggaan caaaattggt naaagnagac nncnnacntt ttcctnttgt	720
ngcnaagcnn	730

<210> 4922  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 4922	
gngnngnnnn nnnnnnnngnn agnnnnnnnn ngnnagnttn nnagnngnnt ttntnataca	60
gctcttggtt tttttgcagg acccatcgat tcgaattcgg cacgaggcnc tcctgacnac	120
ngccaagcac tntnncggnt tccgngtnnt cnnttgacgn tatngnaaan tnnnncattc	180
gtnnnnactg gnnatangnn tntatgaata cnanatgtng gacttcatna tgntcacacc	240
natagcatcn tatganagaa ttagnngncn cagantttac nacanagtan atgtccnnng	300
tcatgnacgc agatatacac aattctnaaa agtttacctn attcagntgc acgacttgga	360
tnaatggact ggcnataagg attacatagt nangactgtc acaattntna nageccgntca	420
nacctnccag ttcattggaga ctgatntgcn canagaagca ctgngccttg ancggggctn	480
atgtgcgtct gatattngac cagnaacgnn caatagcttg gtattaaaac cncngcaatg	540
tnngnntgat tatgacacta cnaatgttgt nnacacttgt acgctacaca tnnnctacct	600
tacnaatatn tacttgatt gntagagggc tntccanaga aatnntnta tataccgaat	660
gcaacacctg ctacg	675

<210> 4923  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 4923  
 gngnngnnnnn nnnnnnnngnn agnnnnnnnnn ngnnagnttn nnagnngnnt ttntnataca 60  
 gctcttggtc tttttgcagg acccatcgat tcgaattcgg cagcaggcnc tcctgacnac 120  
 ngccaagcac tntnncggnt tccgngtnnt cnnttgacgn tatngnaaan tnnnncattc 180  
 gttnnnnactg gnnatangnn tntatgaata cnanatgtng gacttcatna tgntcacacc 240  
 natagcatcn tatganagaa ttagnngncn cagantttac nacanagtan atgtccnnng 300  
 tcatgnacgc agatatacac aattctnaaa agtttacctn attcagntgc acgacttgga 360  
 tnaatggact ggcnnataagg attacatagt nangactgtc acaattntna nagccgntca 420  
 nacctnccag ttcattggaga ctgatntgcn canagaagca ctgngcttgc ancggggtcn 480  
 atgtgcgtct gatatntgac cagnaacggn caatagcttg gtattaaaac cncngcaatg 540  
 tnngnntgat tatgacacta cnaatgttgt nnacacttgt acgctacaca tnnnctacct 600  
 tacnaatatn tacttgtatt gntagagggc tntccanaga aatnntnnta tataccgaat 660  
 gcaacacctg ctacg 675

<210> 4924  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 4924  
 cgggnnnnnt ncntttctnc ctaangaaac ncttntgant ggcntggcta cttgttcttt 60  
 ttgcaggcac ccatcgattc gattcaaggc ctctcgagcc tctttaacta tagtgagtcg 120  
 tattacgtag atccagacat gataagatac attgatgagt ttggacaaac cacaactaga 180  
 atgcagtga aaaaatgctt tatttgtgaa atttgtgatg ctattgcttt atttgtaacc 240  
 attataagct gcaataaaca agttaacaac aacaattgca ttcattttat gtttcagggt 300  
 cagggggagg tgtgggagg tttttaattc gcgccgcgg cgccaatgca ttggggcccg 360  
 taccagctt ttgttccctt tagtgagggt taattgcgag cttggcgtaa tcatggatcat 420  
 agctgtttcc tgtgtgaaat tgttatccgc tcacaattcc acacaacata cgagccggga 480  
 gcataaagt taaagccttg ggtgccta atgagtgagta actcacatta attgcgttgc 540  
 gctcactgcc cgctttccag tcgggaaacc tgcgtgcca gctgcattaa tgaatcggcc 600  
 aacgcgcgg gagaggcgg tttgcgtatt gggcgctctt ccgcttctc gctcactgac 660  
 tcgctgcgct cggtcgttcg gctgcgcgag cggatatcagc tcaactcaan gcggtataac 720  
 ggntatncac agatcanggg gataacgcag 750

<210> 4925  
 <211> 1302  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1302)  
 <223> n = A,T,C or G

<400> 4925  
 gnccggcgcc agtgcnctac ccanagcaga acgaccgta aaacccttg ggaangnccg 60  
 ggacgggncn cngngccgn nccnccnccg cncncnnnac acccctttt nccccattt 120

tancaccann	atngncnnan	ca	gggng	nannacngng	naaaaccng	gn	nnccc	180
nnccgcnngg	ganncanang	ng	gnaag	naaccngng	cncaancan	cc	ngcgng	240
cccacanaca	cnggccanaa	gan	anacgca	agcgacgcg	gncgaagncg	ggngnacagn		300
aanaaacnnn	cngcacngcg	naaa	angccg	cncaacanna	gcnaagggng	aacgngacac		360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc			420
cagcnngcca	naangcggca	canacgncnc	ggggnnnnncn	anccgngncc	canangnnna			480
gacncnggna	caccnncca	cccnangcc	nagannncan	aannccnagn	naccnagac			540
annacnnnnn	gannnccnnn	cnanccgagg	nacannncng	nanngnngac	ccnnnnctnn			600
nnngccnana	nanmccnnac	ancncccca	nccncccgag	ngaaacncnn	naangaccan			660
cncaanacga	cncncgcaca	nnacacnngn	gcccancnaa	nncaacacna	agnnnaccan			720
acngcncnnc	gnacnaaacn	ncacgncg	ggagcccga	ccaacgcacg	acacgcgacg			780
accgancanc	aagaangnga	ccncacacgn	agcgncnnn	cgcgcgnanc	gccggacnca			840
nngacanncc	gaanagannc	gcggnangng	cacgaancaa	cggccannng	nnngannagg			900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc			960
gagccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac			1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac			1080
gacgaagcan	gaacanagnn	gncgcaanng	nnancnagnn	nggaanacac	acncgaaccg			1140
aacacanacg	aagnaanacc	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa			1200
ccggcccnaa	gnanccanc	gcncnngcan	canggcacaa	naanncggan	nccacgcca			1260
aaacngcnac	agnncgcaac	gnangncncn	acgccanacg	cc				1302

<210> 4926

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 4926

tgngggnnnta	gatcagctct	tntctttntg	caggatccct	cgattcgaat	tcggcacgag	60
gctattttgtg	ttttgttgca	ctgttntttt	tgtttgtttg	tttgtttatt	tggttggtt	120
tttgagagg	gaaatggggg	tgaaatattn	ctttattgnt	gaatcatttt	gtgaatgtcc	180
ccctcaaaaa	aagctaattg	aatatttggt	ataaagggca	ttngntggtt	ctatttttgt	240
ttgaggggna	ttntcagaaa	atcccttttc	tctcttacgc	ctaactgact	ngggaaccat	300
tgangatntn	cntagcmttg	gaatacttga	cattatntac	tctnacnaat	aacacattaa	360
gcnagaatna	ccaatnttcc	nanaatnngc	ncttgatcac	aaaatgtgan	nnacctntna	420
atgtntanaa	ctttatcaaa	ttnagtnnta	ttttcccttc	cnaaatgtcn	ccctttcccn	480
ggcattttct	tccnttaaaa	tattggttnan	ttccctgaca	taccnatttc	catngttcaa	540
cagctttgtg	nccnnagnta	taanaanttt	ttgnanccct	ggananattt	tcaatnncgc	600
cnatnangta	nccnttcnan	cantgttnng	gnaaaacccc	cntngcaagc	ccntaaaaan	660
gttaagcctt	anttgntttt	aattncnctt	tnnnngcntn	actaannccn	catnttcnna	720
nttccttnaa	aaatcntntt	nggagcccn	cccttntntt	tacctttgna	ntnnnnccca	780
aacttcanng	mntatccaat	nctgnttttn	ccnaaacn			818

<210> 4927

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4927

atcagntctt	gttctttttg	caatccca	tcgattcgaa	ttcggcacga	gggactgt	60
ggagggcgag	ctgagccctg	gccgccgtca	caatgggccg	ngagtttggg	aatctgacgc	120
ggatgcggca	tgtgatcagc	tacagcttgt	caccgtcgag	cagcgcgcct	atnccacgtn	180
ttcactaaag	gaatccccaa	tggtctgcgc	cgcattcgag	agtctttctt	tcgctgggtg	240
ccgcagtttg	tagtgtttta	tcttatctac	acatggggga	ctgaagagtt	cnagagatcc	300
aagaggaaga	atncagctgc	ctatgaaaat	gacaaatgag	caacgcaccc	gnatgacggt	360
tccctgtctc	tgaaagacct	ttctctggaa	gaggagtctg	cattgtntgt	ctcaaagaca	420
caataaactt	cctatgggtc	gcanaacaca	nmatntntta	aaaattttaa	aattanctgg	480
gcatgggtgg	aggtgcctgt	attccactac	tcanganctg	nangccgaaa	tcnntagaac	540
ccnggacgtt	gaagtttcag	tnagctgant	cnttccactg	gacttnaanc	tgancnnnng	600
antgtnactc	catcccaaat	tnnaaanang	tgggantatt	acttntcntg	aaacntgcgc	660
ctntangcca	attcttaann	nnttangtgg	naagaacatt	tancccagna	tttnaggttn	720
nntnacnatg	ctgngggggg	nn				742

<210> 4928

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4928

aaccgggtgg	gccccctttt	tgaaaggntt	tttttanccc	ttngttnncn	cnnnctaaat	60
annngngntn	catcgcntcg	ctanngccng	ntntgggang	cnatgntata	cttggctacc	120
ttcctatgnt	ccttctcaca	gcaaaaactnn	gggactgatc	atttgaagtc	acccctctgt	180
gtcttcttgt	gaaatggctt	gggctctctt	gggctctgac	ttgctcatct	gggaagagat	240
ggggtanagg	gagttggatt	ataaatcatg	cttcactcag	tcaacagaat	gctactcagg	300
cactaaaaat	gatggcgtag	ccctacgtat	tctgacatgg	gaagatggcc	acaatatctt	360
attatgtgga	aaaaactagt	tgcataggat	ttatggnttg	attacatttt	agtaaaaataa	420
attcatttat	ggtgggtatat	gcaaagaaaa	aataatgccg	ggcgcantgg	ctcacgcctg	480
taatcccagc	actttggggag	gctgangcag	gtggatcact	tgaggccagg	aggttgagac	540
cagcctggcc	aacatggtaa	aaccccatct	ccattaanaa	tacaaaaaat	tagcaccaag	600
cgttgggtgg	cacngtgcct	gtagtccag	cttactcagg	aggctgagat	gggagacttg	660
cttgaacctg	gaaaggtgga	ngttgcgggtg	gagcccaaga	tcacgccact	gcacttcggc	720
ctnnggctac	agnccagact	ctgtcntcaa	aaaaaaaaann			760

<210> 4929

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4929

gngnaggnan	natttnnaga	nagcnnnnng	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnnag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttggg	aacagtcgtg	120
nggangaatt	gcgagagaac	ctaaacggga	tctnctgtgg	nttgcctctg	atganatnga	180
nttggctaen	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacy	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcggac	atattttcanc	gggatanaac	agnccaatta	atggaattga	cagatgagca	360

aagaaatgaa	ctgatgaaaa	aaagcag	tcgactccag	aagactggac	atggtanc	420
atactcacct	cgtaaagaga	aagactaaa	aatatatctg	gatggagcac	caantaanga	480
tectgtcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttggggaang	ttgcccattt	tcnnnccggn	600
accaatgngn	nngnggggtg	aaccncagg	ngaacnaacc	antcgccttg	gaatgggnna	660
cctngnnncc	ttancaancc	tcttcnagaa	agggcnttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggtcccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcnncccaac	cntaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4930

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4930

tcnccccnt	ttgaannccc	tttntttaat	nnncatanag	ctacttggtc	tttttgagg	60
gateccatcg	attcgaattc	ggcacgaggc	tccctatgat	gcctgctgga	atgcctgtcg	120
aggagacagg	tgggaagact	tgtccagatc	acaggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgctctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gcccaaattg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgcagcaaac	acctggttgg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcattcca	ttaagcgctc	agtcattggc	tcctcctgtc	tcataaaaaga	tagagtgact	420
attaccaatt	gccttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgatcatct	gcaacaatgc	tgtgatcgag	aaggggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaagc	taaacgagtg	aatgaggtga	tcgtggggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttncttt	tggcctncaa	660
agccacagat	gttgggccc	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcattgcttg	anacttggtg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtgtaca	caaaaaaaaa	aaaa				804

<210> 4931

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4931

gngnaggnan	natttnnaga	nagcnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnnag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaac	ctaaacggga	tctnctgtgg	nttgcctctg	atganatnga	180
nttggtctaan	ggtagaggaa	catttcctctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacy	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgccggac	atatttcanc	gggatanaac	agncgaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tectgtcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttggggaang	ttgcccattt	tcnnnccggn	600

accaatgngn	nngnggggtn	a	ncagg	ngaacnaacc	antcgccttg	g	gggna	660
cctngnnncc	ttancaancc	t	cnagaa	agggcnttcn	agtgggcccc	ca	cnagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn			780
gncaanaaat	gggtcccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa			840
ntttncctng	gcnncccaac	cntaaaaaaa	ggcttnnccg	ngatccc				887

<210> 4932

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4932

nnnnnnnann	nnnnnnngnnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnna	nnnnnnanna	60
gttgaacgca	ngaaagccgt	ggnaaggcgg	gaaccaaccg	aancgnggaa	nggc nataac	120
aannagngga	tgtgnccagn	nctctgnatc	tnngacttng	atgctanata	catcatgnca	180
tnngnnngctn	ctaagggaat	aagccataga	ggctncccca	ggtagaaaag	aacagtaaag	240
nacctggaaa	accaacattn	nngaattgnat	ggacactgga	catgagatat	gnacaatgaa	300
ancttaaaaag	aatctaagaa	tnngccctct	ttgccccact	ccaccagaa	atnagacatt	360
actagngcca	tgtataggac	ccaactgagt	attagaatca	gnnnngacta	tgncnnngna	420
tngcctaaat	ctgttaatgc	ataaaccgaa	tnagggtcca	gnnggcctgt	naatggtaaa	480
nntacatnan	aaatgactca	gcnnngagnat	ncngggcgag	tnngcaatgn	gataatcaga	540
tngggnaaaa	ctgatnaatn	ngcaaactng	agngggngna	cncacagacn	aaagnangaa	600
ccacagnnaa	ctaggggggac	caggnggnaa	gnggaaaaca	cncacaagng	annnnngnnn	660
ngggnaaggg	ngggngnga	gganggaaaa	ngngnnnnag	gagggaagca	aaacnnaaan	720
gggncnggaa	ccaaagccng	nncgnaaagn	aaaannnnng	gcnggaagaa	ggggngngna	780
accgcaaacc	anngccnagg	ggggnnc				807

<210> 4933

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(925)

<223> n = A,T,C or G

<400> 4933

cgngctttaa	ctnttnaaac	cctttgcaact	tnncctttnt	gcaggatccc	atccgantcg	60
aattcngcac	gagagagggt	gggtctctggc	cacatagggt	ttntngnggc	tctggngctgg	120
ggntagacac	tgacagggac	tagnattnat	tggacttgcn	aagacagtcc	ctcanattna	180
gcaactnctt	gcntnntatg	gtnnngcatta	tgaagccanc	ntagnngnnng	taaantanag	240
ccctncatct	ntnctgngna	gccccntcac	tgggctngat	gtcatcatcc	aaaatctgca	300
nantctgnca	caangancca	tgantactta	annaaaggga	anntctngaa	cnggntagca	360
agatcnaanc	atancttgct	gngctnccan	ggnacncnan	cctnanncnc	tgncnannng	420
cnatatanac	ggtcangggg	ctttgatcca	ngaactctnn	tgtactatga	tnananncca	480
caantntggn	aaacctncat	gtancctnna	nagttgnnnn	tgngcanaat	cgtnctcacc	540
aanantnntc	ccnccganna	actctaactt	ntnattnann	nctaccngtn	antnttnnaa	600
tgtnnacaac	nnctnnannn	ccntccnnat	tctaaggaaa	angnntctac	ccctantana	660
tagnntcagc	atccactana	cnnctntgct	ngcctccgat	cccactngcn	cgcncnttgt	720
ntnnngactg	ccccctngn	ncttnctctn	gananattct	tnggatacta	cccaaattatt	780
ntgggnnanc	tactgcacat	ctnntcannt	nnnncgcatn	tcatnatnta	tantcancnn	840

nncnaatncn cnnngctnctn ct naana ntncncantc gcggcggggc gr catan 900  
tannncngnn ncannnaaag nng 925

<210> 4934  
<211> 1025  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1025)  
<223> n = A,T,C or G

<400> 4934  
gttntcattn actttcntaa tnnnntggga ntctctgaan gacncnatng antngnnttc 60  
ggcacgagta ctgctccttc attcccaagt aagaaangnc aggnctctgct acttccaaaa 120  
ctcagncacg acttgaaggt gaantgactc ctaattcctt gtcaaccagc tacaagacag 180  
tgacatctgn cattaagctc tccaaacata aagctgaatc tnactagccc taaaaggggt 240  
cagaatagat aagaaaggtg ganagaagtt gtncnaaggn catagaaatn gtctgntcca 300  
gcctcantgg tgtcnaggat aatggcgang aggaggatgc ancattcact tgcaatacca 360  
ngatgtttac tggancccat anttnatgtn ggattnanac naataangat aangaaatgg 420  
gcnaangaag aattggatnc ancaattana gggggtcggn ncaatgnaan tcatacnang 480  
cantattgct aattttcaaa cnttaattnc aaatgcaaca ttcatntnct aggatncttg 540  
gntttnnngt aaacttnggt aanaaacttt nggattttcc tnaanannan ttcaatnntt 600  
catnatanca tcccnttngn acnaggntac tcctaanaat ncnaatttnn attgcncata 660  
accnttntnc tcaantctng gggannntaa tgggnntcnc cntatantag tnatntgaat 720  
ttttctaaga tcacanaaaa aaatgggccca tttgtctcac atntatatgg nggatggcct 780  
ctcctaataa cntccttntt ggggtanaat accttttnc ncacaangng cttacatcnc 840  
taantctct nttgttatat actnatacac agtatttntc ctaanantn nccgngnttc 900  
taacattntc naaannntc tttaaaaatt ctntgnanaa aattcgtngn ctncnntat 960  
catcncnant tnataatnct ngtantnatt ctnttcannm acaaaatag cctcncgntn 1020  
gntcc 1025

<210> 4935  
<211> 750  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(750)  
<223> n = A,T,C or G

<400> 4935  
antgangnnn ntttcnnaga gncagctctt gttctttttg cagggatccc atcgattcgc 60  
tgaaatgact tccttaggga tagagctaag ggataataac ttgcactaaa tacatttaaa 120  
tacttgattc catgagtcag tttattgtag tttttgattt ctgtaaaata agagaaactt 180  
ttgtatttat tattgaataa gtgaatgaag ctatttttaa ataaagttag aagaaagcca 240  
agctgctgct gttacctgca gaactaacia accctgttac tttgtacaga tatgtaaata 300  
ttttgagaaa aaatacagta taaaaatagt tattgaccaa atgctaccag gctctgcagc 360  
agctcggggg cttataaaat gttcataggg atgttacaaat ataattttgt gttataaaat 420  
atgccattat aattatgtaa taaccaaata ttcaacctag agtggtgggg gttttttgga 480  
aaccgcagtc tattagtact caatggtttt atacacctta cttctgacag agcggggcgt 540  
atgctacgac tacaactttt atagctgttt tggtaattta aactaatttt ttcatattat 600  
attggtgcat ccctacttct tcagtcaggt tttttgtgct ttacaatttg tgataactgt 660  
gaataactgc ttaaaaattc acccaaattg gangctgaat tttttcttca gccaaaagta 720  
agttttgatt aggaactttg gttcaaccn 750



<210> 4936  
 <211> 1500  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1500)  
 <223> n = A,T,C or G

```

<400> 4936
cgcccttgctc caaaacggcc ttgngncecca aatcagtctt ggaaaaancct caaatnctct 60
ctanacagaa tngnggctng gggannncnn cnttnncatg gnnccgnttt atctcnactc 120
nttttttatg aggctctttt tttcnatctc tanganncct tctaacnggn antanncaact 180
cncggggngn anctcnnttc gngggggntn nactaantca annntgnnnn tctatanatn 240
tttanntnct nnacatncea ctctnttant cctctgnnna tncnaacat nnatacnct 300
caccnttta cncatncncn cannacanat ctatctnate actcngnnnn cnnnaantcg 360
gccacataat catnctnctc acnnntacta ntntntcatt ctcnacnntc tctnttctnt 420
acnatantnt ntanctcctn tttctctnt tectctnenc ncanttctct ancncctgct 480
aatanactta ctntntctcc tcnntncaca agtcngtacn tccgtctccc tntnnatnac 540
anactatntn ctentatnnn acannncttn catatntnn natnttnnac cmtncantc 600
nnttacntnt ccctnncant agntctantc tntactntta ctctnnntnat ctntctnttc 660
anctantntt cacanttean ntectatnt ngncntctn attcanntcn tcttatntcn 720
gnacantctn acncannntc tcnncntnn tntcatant ctntnnacnt ntaacctact 780
antcttnnac tctcgtntca cctactcncn ctntantgnt actntacctc ctantaatct 840
atnctctctn gntntnnnac ctcacnactn ctctatacnn negatnanag ntntnacaat 900
ntctcgttag ttanangtnn cgcgncctac cnnnataccn ntntncttn anactactct 960
ctctctctaa ncncctctgt cntatactat actcnatcna tatgttnatn catntctctc 1020
ncnntnannc gtngttnnt accctctntn tatctntnnc ncngntcaac nnncttnna 1080
catnncttn acncatatnn atnccgntaa tctacatncn gctctnctct ntncctcaca 1140
tacgctccnc nnantcatct tctnatattn aatgacacnt atntcatnt acgtntnttg 1200
ntantttaat cnccttccat aatctactct cttatnctan nngctctcnn cnatanctat 1260
nctcnatatn ntaactctcn nnnncaactac ngatcctaag gtntntctn ncnnntnangt 1320
atatctanaa tnnanntctt ttncnataaa ctnnangect ctctaantcg acagtctnct 1380
ctanatanta nganaccaan atccatacct ntntctcttn anatactntc nattgactaa 1440
ctncttnnta taantacgta tcnatnccan atatcttgcn tctctntttc ncnccccgcg 1500

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<210> 4937  
 <211> 812  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = A,T,C or G

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<400> 4937
ttgtanctaa tgctgggttg tctgtctttc tccangaccn agcgnttcga attcggcacg 60
aggggaaggt ctggctccag cttgagccca ctcacaggat gtcaggggga agtgtgacta 120
aggctacggc cagccacgt ggtgggccag ctggatccag agcaggggcc gttgtggcca 180
cacatcctga gtttccatgg tctaattgcan tgggcttgaa aaaaaaggt ggatgcagga 240
tgctggctgg gactgtggag tgcgtgggca gtaagtctta agtgacagtg ggtggagatt 300
acagcatttc atctgctttt cctttgacac cttttaaaga tacaaccac agttttcaag 360
ggtttatgcc aatgtctgct agaggatct tgcagtagat cttaaaccct atagtattct 420
taagagcaca aggaaattct tatttggtt ccatTTacaa caaaggtgga aatttaaaac 480
taggcttgan atttgaaatg ctggtcacat ttaancantt tatttngggg gggtaatttt 540

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ttggaaatcn	gtctttaant	nn	ttataa	nanngttttt	ccncattttt	nn	agggg	600
ntacctttnc	antttngntc	ct	aannt	tttnnnntttt	ggnnaaaaaa	tn	nnnnngn	660
ttnaaatgga	atgtttttta	ccagggnttt	ggggnttttt	naaaantttt	nnaanggggn			720
ntatntntgg	gnnccttntn	naattccagn	ttntntccan	nnttngaant	ttnnccccct			780
tnntngggna	aaaanggna	ttgntttttt	tn					812

<210> 4938  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 4938								
ttgaaacctt	ttgaaacctt	tttgcaanct	acttgttctt	tttgcaggat	cccatcgatt			60
cgcaaatacc	taatgcatgt	ggggcttaaa	acctagatga	cgggtagata	agtcagcaa			120
accaccatgg	cacatgtata	ccagaaactt	cacattctgt	tcatgtatcc	cagaatttaa			180
agtaaaattt	aaaaaaagaa	acgtactgga	aaatctgaat	agaccctctg	ctggaagcat			240
tatgaaaagt	aaataaatgg	atatactgca	tcatacctcag	aaaaataaaa	aaagaaagaa			300
aatgcctgcc	cccttctgcc	cacaaaacag	attaagcagg	ggctcattgt	tggtgtcaga			360
agagttgagt	gtaatacact	gatggtatgc	acttgatttt	agaaatatct	tactggtgac			420
atttctgaaa	atttgccaac	tcataatttt	aagaatttca	aaatgtaagt	ttttatttaa			480
ttgcatttga	attctactaa	ttgcatgtaa	ttttttatta	ctaattcaga	actaagaata			540
taggccttaa	attcctccta	aattaatgtg	aggcattttt	cctaattcat	tgtcacgaat			600
tattatgaan	gtcatctgct	gtattacagc	agtccatact	cgattgttcc	ttctgtgtct			660
tcagataggt	tctttttctt	ttcctgtgag	tatgtaaaac	agcaaaccac	gtagatgggc			720
ttattttggg	acatccatac	ngaggaattt	tatgggctta	ttaaaaggat	gcttacagga			780
gat								783

<210> 4939  
 <211> 1150  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1150)  
 <223> n = A,T,C or G

<400> 4939								
tnccgttnnn	attnnntgtg	aaccntttct	tcncacctnc	ctggntgnga	atnctgcacg			60
agaggcattg	nctgccttcg	gctttatttc	tgctgactan	ntatctccta	tnnagagcta			120
cggcaatgcc	caaaaagaaag	gctgcaggtc	aagggtgat	gaggcatnga	gccaagaga			180
agatctgcca	ggttgtctgc	tatgcttggt	ccagttncac	cagaagtga	gcctnaaaag			240
aacatcaagt	tcnaggaaaa	tgaagacnaa	nagtgatntg	atggaagaaa	acatagattc			300
nagtgcccaa	gccagttgct	gaaacccaag	cnagaagcaa	gttggtgaag	aagactacna			360
tgaaaaatgc	taaaaaatng	gagaaagccc	naaatattcna	gangcnccca	gctttcttga			420
aaaaaagaaa	ttgttgggaa	nntttaaaag	gaatgaanaa	ttatttgaac	gattgcccc			480
nannaanaag	ggggtnggga	tgaattagga	annggaaanc	ccgttnncca	tgcnagcga			540
ntttnaaana	natnggtatc	naacgaattg	cattctcnaa	nnggaaagtt	ttgcantnan			600
annattcnnt	anaccgnaaa	tnatcaaang	gggnnnngaaa	gccctttggg	aannaatgta			660
tgngtccttt	ntnggnttgn	aaaaaaaaan	ggngggggga	aatagtaaa	tnnttngngt			720
aaaatangnt	aggggatttn	tcaacnaatt	tnngnggan	anattggnag	ggnaaanaa			780
ggngcncnna	taactaaatt	gcccnanta	tggtnaanct	tanntnntgt	nntngnatan			840

ngnggggnnac	nntatatttā	aa	ggg	cg	tg	cg	nanatt	ga	accn	gggg	g	aaata	900
tggggnaaaa	aatttggggg	aa	caann	tantttgngt	at	anaanatc	nntnntnan						960
anaggggggt	cttatanggg	att	nngatat	caatnntatt	nat	ggtgcaa	tgtntaan						1020
cacnctcgnn	aaaaatcggg	ttaa	anaccn	naggggtcatg	anat	ntngtg	gnannatnca						1080
gntgggttaa	tttngtanat	at	ttttggg	ng	taan	anng	tcttgcttaa	at	nggg	nnta			1140
ggtcatttcc													1150

<210> 4940  
 <211> 991  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(991)  
 <223> n = A,T,C or G

ggnngccgn	nancnggacc	ntcancgatn	tnnacnnttt	gnaaccccc	cccccgagcg	60
cgggcgnga	gcnngtgata	ttngannag	atggaaacan	ctcnagttgn	ngccttttnt	120
gtcaccnnag	tgcgaggggg	ngnatnggt	nnaanacn	tcnctnccan	gncctnctt	180
anancacca	tctaaancac	aaaattcntg	aagnggccgn	tcagtnnnng	canacccggc	240
ctccnagnta	tgtataccct	gtctgttcnt	atngggatnt	ntnctccatg	tgagatatan	300
gatgcgtgcn	atncgtaaaa	ggnggtgcna	gtgctncttg	tnaggncceg	acacattang	360
cgcttantcc	nttaattagn	ganccttgcn	tcangggaaa	ngggcttttc	tatngaattg	420
ggaataanat	aatgggntan	nncttttttt	naanctccc	agctcnanta	angntgctta	480
atggngcanc	tacaatnctc	cganacttcc	aatgtgggtt	gtcnatann	nacccttnna	540
ttgncggggg	ggtccaaaag	aantgcaaat	tcctacctct	tgggcccatc	caaangaccc	600
ctttcaacca	tgncncttt	tcgnncgggg	agagaaaacna	tnnccngggg	ggtnaaaagg	660
cctcnccccc	cntntntttt	caccccaana	gggggnaata	nanangttct	anctccntat	720
ncctttttcca	agcctatttn	ngttnggggn	ggnggttngc	nntntctcca	atangcccc	780
aaagnatttt	catttgttta	ananttnccc	nacnttccct	gattttttaa	aanataaaaa	840
tgttcctnnt	aagangaaa	ggnnngnant	nntaaacnaa	agcnnaaaga	aagnagaaan	900
nccttttttag	aantttnta	nactnttcnc	aaatgnngan	antacctnat	tcggggntgg	960
tnnctnntna	tnttggttac	gantggctgg	c			991

<210> 4941  
 <211> 1075  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1075)  
 <223> n = A,T,C or G

cnnncttcnc	ctcnntgaac	cnmtttgnaa	accncccntn	atgcaggatc	ccatcgattc	60
gaattcgcca	cgagggtgc	tgaggtggc	aaggtcacca	ntttttgccc	agaaagctca	120
gaaggctaaa	tgaatattat	ccctaatacc	tgccacccca	ctcttaataca	gtggtggaag	180
aacggtctca	gaactggntn	gtttcaatng	gccattttaag	tnntagtagta	aangactggg	240
ttaatgataa	caatgcatcg	taaaaccttc	agaaggaaa	ganaaatgtt	tgngggacca	300
ctnnggtttt	cttnnntg	gtggtggcanc	tataaaggga	ttagtnnnca	aaaatcagta	360
cctttttaat	gggaaaacaa	cttgacccaa	aaaattttgn	tccacaagaa	aattttggag	420
gaccccattn	aanaangagn	ttaaaatnga	ggaaaaanaa	aaaacngncn	tnagagaaaa	480
cttccggagg	ccccctctaa	gaacctaatt	aggtggagga	tccgnaattt	naccggncgg	540
gaatccccaa	gaaccaatgg	gaataaang	gattaccnt	ttnggattgg	aagccttttg	600

gggacccaaa	aaccaacca	aa	taagg	naaatgggcc	anntnggaaa	na	aaaaa	660
tggcccntnc	aaatttnggg	gng	naaaaa	tttangnggg	aatngcctaa	tn	ggcccttt	720
gaaatnnnnn	gggnaacccc	anttnattaa	aggccngggc	aaagtnnaaa	cccaaggntt			780
nngacccaaa	ccaancccaa	attgggcaat	ttccnatntn	nnaaanggnt	nctccanggg			840
gnttccaacg	gggcgnaaan	gnnnnnncnc	nnacnnnnnt	nnnncaannn	acnnncnancg			900
nnnnctnnta	cannantnan	aannnnntnn	nccnnnnnnn	cncnccanna	nccnnnnnnn			960
nnncanacnc	ganannncnc	nnnnnecgnan	annannnccn	nnannaancn	ncatctnann			1020
nacncaanna	nnananannn	nnnnnnnanc	nnannnnnnn	nnnnnnncgn	cnacc			1075

<210> 4942  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

<400> 4942								
tnntttccta	cnaccagcta	ctgntctttt	tgcaggatcc	ctcgattcgg	aaatatagag			60
agatgtggga	tttgaatgcc	catgaaagac	attttatatt	acttgaatat	attcttgctt			120
cactttaccc	tccataatat	gttgtacatt	agtgtgatc	aagtttacag	agttacattt			180
tgctttccta	accattcagt	caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa			240
gctcatagt	gatataaatt	agagtagata	atgggtcacc	ttgatagcct	ctgtttacat			300
tacttgtata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	attttcatat			360
aaacagtatt	tttaattctat	gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag			420
tccttagttt	attagtactg	tacttcaaaa	agatttttaa	ataggtccgg	cacggtggct			480
catgcctgta	atcccagcac	tttgggaggc	tgangcgggc	gaatcacctg	aggtcaggag			540
ttcgagatca	gcctggccaa	catggtgaaa	ccctgtctca	actaaaaata	taaaaattag			600
ccgggcgtgg	tggcangcgc	ctgtaattcc	cagctactcg	gggaggctga	ggcnngagaa			660
tcactttgaa	cccanggggc	agaaagctgc	agttagccan	aatcgctca	ttgcactcca			720
ncctanggga	cangagcgcg	n						741

<210> 4943  
 <211> 887  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(887)  
 <223> n = A,T,C or G

<400> 4943								
annnnnanng	nntnnnnngg	nannnnnncan	ncnannnnnn	naggnnnnnn	nnacnattcn			60
cccccttct	aanagacttg	gcnaactcngc	nctntccgca	agnagnnnng	cgtnnncggt			120
tgngaggaaa	tccaaagctg	accaaaccat	ggtccccacc	ttttggagct	tacagtctgt			180
actggggaac	agagattcag	ccaaagtcaa	gaaacactgg	atgccagcta	gattatctgt			240
tctgtgcttn	ggtgtctata	agtacatatg	nggatatggg	ttcattnnat	ccctaaactt			300
agtaccaaac	cagcatttaa	tatctaatta	taaatctaata	tnnggcctaaa	ctttattatt			360
gcacactgcc	tgaacaaaac	ctatttgcct	ctatgtaaat	tttttcctca	tggacaagg			420
gngngaaatg	aaaatatnt	aggatttatt	caaaaacaga	ctattctgnt	ntcagctnca			480
gaantgnacn	atgaatccta	aggaaccntc	tgccaacang	ttgaggtntg	ctgmnccgaaa			540
agaaagaana	aagaggcggn	aanntctcag	ggagaaanta	nnnccnntnc	ttttctatnt			600
tcagcanacc	ntggaggggt	gggcgagaa	caagaantgt	aaagggagga	tcagaaaatg			660
gggaatnctt	nggcagctgt	nngaanatga	tgangaagaa	nctcnnnant	ctcagttnc			720



tggttagtgc	ttctgtataa	gagaca	gaactggggt	tttttctc	tggttt	600
tagagttaaa	tgtaactaac	tttttt	cccctttatg	aaagatagaa	aatttttt	660
atggtagttt	tccaganc	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4946  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 4946						
cnttttnttt	tcttttcaac	angctcttgn	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagt	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcgtgt	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	ggtgccgcgt	ccccgctcag	tgcccgctg	420
agccctcaga	gctcccctgt	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggcccac	gcagtattcc	tcgtgcctg	540
tggttagtgc	ttctgtataa	gggacagaca	gaactggggt	tttttctc	tgcttggttt	600
tagagttaaa	tgtaactaac	tttttttt	cccctttatg	aaagatagaa	aatttttt	660
atggtagttt	tccaganc	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4947  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 4947						
ntttcaaatc	gcttggctac	ttgttctttc	tgcaggatcc	catgcgatcc	gctactgagc	60
ctggcttgca	actggggtga	gctccacctt	gaacgtcgat	cctcctgcct	ggtggagcca	120
tcccagctga	tgccacatga	agcagacaca	agctgtccct	actaagctct	gctcaagttg	180
gatattcatg	agtgaataa	atgactgtta	ctaagtnaaa	aananaaaaa	aaaaactcga	240
gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	tacattgatg	300
agtttgagca	aaccacaact	agaatgcagt	gaaaaaatg	ctttatttgt	gaaatttgng	360
atgctattgc	tttatttgta	accattataa	gctgcaataa	acaagttaac	aacaacaatt	420
gcattcattt	tatgtttcan	gttcaggggg	aggtgtggga	ggttttttta	ttcgcgccg	480
cngcgccaat	gcattgggcc	cggtacccag	cttttggtcc	ctttagttag	ggttaattgc	540
gcgcttgccg	taatcatggt	catagctgtt	tcctgtgtga	aattgggtatc	cgctcacaat	600
tncacacaac	atacganc	ggagcataaa	gtgtaaagcc	tgggggtgcct	aatgagttag	660
ctaactcaca	ttaattgcgt	tgcgcttact	gnccgctttt	cantcgggaa	acctgtngtg	720
ccanctgcat	taatgaan					738

<210> 4948  
 <211> 795

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(795)  
<223> n = A,T,C or G

<400> 4948  
gncnncnctt ttgnaaance ctttttnnnn aagnnccttn cncctttgcn aancgcttgg 60  
gcaactcgca ntctctcnan acagcaaggn ctgtggcgaa tncggcacgn agccgccnnn 120  
tctncanncn ntgtcagggn nnagnctgan gctancnct ncnantgcn ncnnnngaan 180  
cccanngac agcnccnng cangcacgct nccncacgn acacaanctt taactaactg 240  
ccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tccngatnta 300  
accactagac natccatctg tatcacnng ttnagccatc tttacngatn taagntccac 360  
tgaacggctg agaaacttgn anaacacant gnacnngnn aagnctngaa cacaactggg 420  
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt 480  
aaacntgcan gctcatcgtc aaagaatnat ccanatnct ggacactggc nggacacnnn 540  
catgtcnatc natgaacaac ctanaggcnt tgcctangaa ncgctgcta ccactnnnna 600  
tgatangccg aacannaata tctantnccn tcnncctata nnnntcnaag nantaaagna 660  
ccnnntatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna 720  
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccct 780  
aaaanntccc nnnnc 795

<210> 4949  
<211> 784  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(784)  
<223> n = A,T,C or G

<400> 4949  
ttntttttt tggttaccct ttgctctngg nctttttgca ggatccctcg attcgaattc 60  
ggcacgagcc ttccacggtt atttcacaga tatggagagc tggaagcagg gaggtagtct 120  
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggt gaagttcatc 180  
caccataaaa cacacaggtg actttgcctt gaatctgcag gactgaagcc aactcttggg 240  
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt 300  
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagagggact 360  
tttggtgaag tagtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg 420  
aacagtggtt gtagggcat agtgtccca gctgggtgac ataatgacca cacagcacag 480  
tgatgttatt agcaactgtg tggaggagta gttgtgggct ggacaaatca atcgtgtgga 540  
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa 600  
ntncnnannn ncncccacc nancntncna aaaaaancct cganccttta aaaacnnntn 660  
gnngaggccn tatttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa 720  
ntttngggcc aaaccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatttt 780  
gnnt 784

<210> 4950  
<211> 737  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4950

gttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	ttatattaaa	ttattctttg	60
tttttctttt	tcttttaata	aagcctgcaa	gttactaaat	tgtagtttca	taaattctgt	120
agtaaagtat	catcttggca	gtgtgccaaa	ggtgaaaatg	atgctttctc	taacagagaa	180
attcttagtg	actccagtcg	tagaaaaacg	tctttacaac	ctgaataaga	ttgaagaatt	240
gtgaacatac	catggcctat	tggatgaatc	atgtgccgta	ggctaaatca	gactgtaggg	300
tttgtgatgg	atttatggag	tatgtgggta	tagaaatcat	gaatctagca	tttgttttca	360
gagattcaag	catagtcnta	agggtagatc	agaaatgaca	aatgaattca	aaacctagca	420
gggtgcattgt	aaatgtgtgc	ccagttatgt	tttggaaatg	gcagttcctt	ggggtcattgt	480
ntctactggc	caaatttgca	atagtgttct	atngnatgta	atttctaaaa	tttattagga	540
ttatccnctg	tggccaagta	aactgtctgc	caatagaatt	ctgggaattg	tgagaaattg	600
tatcattgaa	gttcagntnn	gatngtggc	ttaaaaaatt	tatcnnngac	cccanacan	660
ggaaacnana	antatttngn	tcctgcangg	ttcattgcc	cgggcannga	aggtatttcc	720
cagaaaaata	cctcnnn					737

<210> 4951

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4951

ttgnanccnt	ttgaaaccct	ttttanantt	ctancataca	agctacttgt	ncttttttgc	60
ggatcccatc	gattcgaatt	cggcacgagg	gcnaactntgn	agaattcgta	cngatganga	120
ctgcanaatg	aagacctact	ttcaacttnc	ttttgncccc	ctctagnaga	atcaaatnga	180
atcttttact	tacctctgtg	caaaaanaag	aaaaatgaaa	nangtncatn	tattcattct	240
gttntctatat	agcaaaactg	aatgtcaaaa	gtncntttctg	tccacacaca	caaaatctgc	300
atgtattggg	tgggtggcct	gtcccctana	gatcaagctn	cacatcagtt	ttacnatata	360
aatacttgct	ctaccttaat	gatgaggact	ccttaaagnc	ncatttgcta	ntgatnaata	420
cactgctngg	gctggccagt	tttnnatgcn	tgcagcttga	cnantgagca	cactcaggcc	480
tttgtnttaa	aaatgaaaaa	tgaaaaaacn	aattcaaaac	ctattcaaat	ggnttctagn	540
caatttgttt	agtataaatt	gncatagctg	gtttgcttga	aaacaaacac	attttaaantn	600
ggtttacctc	aggatgacgt	gcagaaaaat	gggtgaagga	taaaccggtg	agacgtggnc	660
ccactggtag	gatggacctt	tgagcttctg	gtgctccgnc	catggngacn	atgacacacc	720
ctggnggcat	gccctgtat	gtnggttaac	gntgtctgca	ttgtctaaan	tgaacangtg	780
ttagc						785

<210> 4952

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4952

gggggggngn	ngcgngngtn	gggggggggg	gttnttcnnn	nnnnntggng	acaccctttt	60
tttngggggg	ganaaaaacc	cnngnggagg	ngcgngnggg	ggctngnggg	gannnctggg	120



nngngngggg	ngggggggcn	gggggggagn	ngngngggngn	cncgngngng	ggggngnnc	180
gngnggggng	gggngggggt	nnnnnnnnnn	tnngggnnncng	ngaggggggg	anngggcg	240
nnnggggggg	ggggggggnt	ggngttgcnn	ggggngggagg	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	ngggtggcgn	ggngngggcg	360
ggngngnggn	gccgnntnn	gggnggcgg	gcnctnggg	cgccggcg	gangngcgcg	420
gncgtgngag	ggnagacggg	agncngggca	nngagctggn	gtcngngcn	gggcgggcg	480
nagngagnag	gctcnatngg	gggnggcgg	ggngtgnggn	ggggncnncg	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	ggggncgggn	gggngnatc	gcnnngcgnt	gacggngtgn	ncgggnccgg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggn	cagtggtngn	nggccgngt	720
cngtgtnng	cgagnggngn	gagagggagn	gngngtggt	ggggncgagg	ggatggccga	780
gngtcngng	gggggaggng	gnggngnngn	nngagggcgn	tnngntggct	nnngggggcc	840
aggngcnggc	nnngcgnggn	aggngngnnn	gggnaggcg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cgngngnggg	gnnntgngng	agacgggcng	agcgggcg	960
nggcgggcgn	gngngngcgt	ggnagagcgn	gcggngcg	gtgngnccng	gcggncngnn	1020
gcagagnggg	gacacagcnn	cggagngngg	tgngatgnga	gangagngng	nnngtgggcg	1080
nacggttagc	gggcngcgng	gagagngagg	tgngcngtgg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gngnggatag	gnggggngga	gcntgngngg	ganncggtac	tagggagcg	1200
gagtgggngg	nggtngacgn	gaggggngng	tgntnggaga	gngggngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtgggc	anagggcgng	tgcnncngta	ganatggntg	1320
nnngcngtgc	gcnggcgagg	cnntaggnng	ngtgngngng	gangagcgng	tggtggcgng	1380
cgcnnggggg	ggcgngcngag	tgacgntnng	cgcatngnn	nggcnccg	ngcgngcgca	1440
gangngangg	gngngcngnn	cgcnnggaga	nngnnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	aggngcggnn	ggt				1523

<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4953

gacttcnctt	tcnaaanann	tnngaagctn	antnncctaa	ananaagggtc	ntgggcgaga	60
gttctggatg	agacttggtg	tggtccattc	tgggacaaaa	ttcctctctc	tctctctctg	120
cggaccctgt	aaatctagaa	aataagttat	ttgcttctaa	aatacagtga	tgggacagac	180
ataggataga	cattcccatt	tcaaaagtga	gaaattgggc	caggtgcagt	ggctcacacc	240
tgtaacccca	gcacctgtaa	tcctagctcc	ccaggcggt	gaggcaggag	gattgcttga	300
gcctgggaga	tcaaggttgt	agtgagccat	gattgcgcca	cctttatttg	gaaactttta	360
ttccagttac	caataacaca	ttcctcattt	nctccagaga	cctcaccaga	aacaccttta	420
atattcatat	ttctagcagc	cttctgttca	taacaatata	tgcatcctgt	taagatgata	480
ggagatttct	cttgacctc	tcctctttgn	gagcctgcan	gggacattcc	cttttaattgt	540
ccatatttct	accagcagtt	ctcttnaaag	caagtctaag	gtntttccta	acattacacc	600
tnaaaattct	tgcanntntt	nnccaagcac	agtgccttac	atctggtaat	tcctaacact	660
ttganaaggc	cnaacatgga	acaggaatgc	ttgagctcaa	ngagttcaag	accagcncgg	720
gcaanattat	ggaaccctnc	cttttcnaaa	aattncnt			758

<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)  
<223> n = A,T,C or G

<400> 4954  
tgagncnttn nanccttttg aaatTTTTtan acagctactt gttctttttg caggatccca 60  
tcgattcgaa ttcggcacga ggttgctctt ccatgcgttg gtcagggggc cctgaaaaca 120  
ctggtaatat taagagtctt tctcagggtta acttaatgtt ttcttaatga acaatgtttc 180  
cagctacaaa ttctttcaat aaattgtctt cctttttgaa aagtactctc atagaagaaa 240  
tttagcaatt tctcgttgac tgactcagtc tattttaagt attcagaaaa gattttgatc 300  
cccattgagt taatgctctg ccttgaaaat tatttttctg atccttgta gtgataacat 360  
tttttttcta ctgaagggtca gaggatanga aacaagtatt tctcttctgg tatacatgta 420  
atgtattctg taaaaaagta ttcatttgg caatttttagt taggcataat attgtggttg 480  
taatttttaa aacttagtgt tttgtctgat taaagcangc actgatcagg gtatctccta 540  
agaggtaatt cacttcttat tcctttccaa taattattac attctaaaatt ttcattctatg 600  
agaaataaca aacaagaagg gaatagaatt aaattggggg ataactaat cttcattggt 660  
taaattggtt gccttctccc attgaagcca ttttttatag cctcanaaag aggaaataat 720  
gccttcaccc attttctacc tggtgacttg aaaaatggac cttttaagtt aggaagaagt 780  
t 781

<210> 4955  
<211> 939  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(939)  
<223> n = A,T,C or G

<400> 4955  
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cgaattcggc acgagtgaag aggaaaaagt tcaaaaaata aattacattt tataaataag 120  
gcaaggaact ggacattacc tcacatctgc aattccaacc ctctgggagg ccaatgcatg 180  
tcattcnttc cnatanntnc nactcnagac acatgatgtg attcacagaa cnaganaang 240  
nntccaccta ctgtcctgnt tnangnnngg atgctncata aagaggatna cnnttaancc 300  
actaacagtt atgcctntna tcttgaatct gttcctacta gttttcgtnt ncctgggcnt 360  
gttactttat gtttccttnc ntcannttac ctttaatatg anaatannta tnattntttt 420  
accatgggcc cttacttnan ngatannttt ntnatnnntg catngnnata nnancntnnn 480  
gtnttttcnn cantntaaat tcttaannnt nntcnttatt cmntnttctt ntntnttttn 540  
tnattnnnnn ntntntacnc ttannntccn cnacatcanc caattttnt nntnnntnt 600  
tncannanaa ttnnnntttt tnatanaatt tntntactt ntgnnanatn gggntnattt 660  
tnctntnncna antgggttnnn nnnntttttt ncnennnann naacntcntt tnatcnnttc 720  
tnnnatnnnc nattnattan tctntnnctn ttnntatcna cncaattncn ntatntnat 780  
ctntatannt tnnnaatnnn tnanantacn tntannntnt tctntntnt ntanaaatcc 840  
nnaatntatc ttntntnnnn nntctaaaan agctnttnc ntttnnaatc nctntntnt 900  
nnattntntt ttantctnta cnanactttt nttacttctn 939

<210> 4956  
<211> 780  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(780)  
<223> n = A,T,C or G

<400> 4956

ttganccttt	atacagctnt	tg	ttgana	cctttanaca	gctacttggt	ctcttgag	60
gacccatcga	ttcgaattcg	gcacgagga	acatctttac	caccaacgtt	ttacctctgc		120
ttcaacaatt	tggccttgtc	aaagacacct	gctcatatgt	aatgtggaa	gatgtctcag		180
gagccatata	acatctgtcc	cttggggaga	tcccagctat	ggcacagccg	ttgtatcct		240
cggaagaacg	gaaggaacga	tgggaacagg	gccaggctga	ttatatggga	gcagattcct		300
ttgacaacat	caagaggaaa	cttgacactt	acctccagta	gaaacactgc	atttttctgt		360
gaacacatcc	acttcacaag	cettgtttct	gatacttagt	atctagagct	gggttgagaa		420
aagtctgtta	cagttgctag	aggttttcat	taaaacttat	cagatgagag	gcttttttag		480
gataagaggt	gagaactggg	caaaagtgtg	gaagcagcaa	ttctgttata	tggacagtgt		540
tctgcttttt	aatcctatnt	agcttgtttc	agaaattctc	acttttggtg	actgccaaca		600
tacaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga		660
gcctggttca	aaatcagtc	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc		720
ttgttggttg	tgtcctttca	cgagacctga	attttagaat	tgcccagtgc	tgccagagtgc		780

<210> 4957

<211> 1210

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1210)

<223> n = A,T,C or G

<400> 4957

gtnnnaacng	ttaacnctc	tgtctttgag	gtccatcggt	cnatcggacn	agtatgnatg	60
catnctccc	ctgtgcatg	agnntgncan	gannnacagc	acatgggctn	taggacnttn	120
angtgcnnaa	nctnnnngan	tgnnnngca	cgncnacng	ctncttgccc	gcctaangtg	180
aatatcgtn	ncgacatgna	gtgcatcang	agtganngag	ccccngcnt	gaatgtatnt	240
cgtcntcaat	acnntntatc	gccnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tongtaattc	cttaacnagg	ngcntgnaan	ngcggaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagcgnttn	tnnntgggga	aaantnccan	420
ncctngnga	caagantngg	atttttaacc	caattggggg	aaaccgcct	tgggncact	480
ttnggggttt	nnccccaaaa	ttttcccnc	cttggganta	aaaanncntn	ttttcaagg	540
gagcgggcct	tcancanatt	nccngttaaa	ggngntttct	gattcaaagn	ccntgnccgg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tcnttnggg	nactgcanaa	attncnncgt	660
tcggattggg	ngnnntntnc	cannanggcc	cctgtntccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaanaaa	aacctnggga	aantcccntt	tnntaattaa	ncaccctggg	780
gacgtccana	ttggggggng	acatttgcnc	natggcntta	gcctatatnt	cgtaccncng	840
aaaaatcggg	agantncctt	ttganaaaant	tntnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttgtcaa	ttgaaaatcc	aaaaattann	tggccctgn	nagacnggn	960
ntcaaataag	ccgcttnntg	gtacttcncc	tacaacatcn	ttngntagng	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	ngggaanngg	attttaaacc	cggaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnntcc	attaaaccgc	cnnntgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcantagtg	accgggnng	gttncaann	1200
ttcntntgcc						1210

<210> 4958

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4958

tttttttttac	ttaacatntn	ng	actcg	gnnctttttg	cagggatccc	at	nttcc	60
gaanntcngn	gccgaggtg	tggntccaag	ttntncatga	ntagcaacna	ganggtgtng			120
anatnantgt	gtaaggctgn	gaattcttgc	tnaggaatc	gnagaanacc	tgntgctgca			180
aaatcntaca	tgttccacat	gganagggaa	gnctaancgc	tattcanaac	anttcnnttt			240
tgtatttaat	taancnattg	cagctatctg	ggatttttcg	gncagaatat	taanttcctg			300
gntgattctn	catattccaa	tgatnaaat	ncanaaccat	tgngncttta	agatngtgtc			360
aatnttcacc	taacaactng	tgccnnaagc	acctgcattg	gtaatnatat	ttcncttaaa			420
gggcaaattc	tgncantntc	ctgntaactc	aaaagtgc	tnttcnctt	caaaaatgtt			480
gntctcagtn	atcncacatn	ctgcaganat	ntatttatat	ctatacntat	anctnnntga			540
aatacnntta	ctcacnaaat	ntattnctga	tnaacattcc	catgttaa	ctnangcccc			600
aaacctttct	aaattntggc	ccctnanncc	nttaatattn	taaaaaatc	taaaattctg			660
nnntttcaaa	tttgnnctnt	aagcnnnttt	aanaaatntt	cncnaccntt	gcctttccaa			720
tacctnccc	cttgnttaa	cnaaattnnc	tttnaatanc	cntcaccttc	ananactgga			780
ttctctttca	aattnnntct	ngcntcgaat	cattantaac	ttttgggnct	ctcnct			837

<210> 4959

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4959

gnccggcgcc	agtgcngtac	ccanagcaga	acgacccgta	aaaccccttg	ggaangnccg	60
ggaagggn	cnnngccgn	nccncacncg	cncncnnnac	acccntttt	nccccattt	120
tancaccann	atngncnnan	canggggng	nannacngng	naaaacccng	gngagnccc	180
nnccgcnngg	ganncanang	ngcngnnaag	naaccngng	cnncaancan	ccngngcgng	240
cccacanaca	cnggccanaa	gananaacga	agcgnaacgc	gncgaagncg	ggngnacagn	300
aanaaacnnn	cngcacngcg	naaaangccg	cncaacanna	gcnaaggng	aacngacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnnccca	naangcggca	canacgncnc	ggggnnnnncn	anccgngncc	canangnnna	480
gacnnggna	caccnncca	ccccnangcc	nagannnncan	aannccnagn	naccnagac	540
annacnnnnn	gannncnnn	cnanccgagg	nacanncng	nanngnngac	ccnnnnctnn	600
nnngccnana	nanncnnac	ancncccca	nccncccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gcccancnaa	nncaacacna	agnnnaccan	720
acngcncnc	gnacnaaa	ncacgncgc	ggagcccga	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgncnnn	cgcgcnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggnangng	cacgaancaa	cggccannng	nnganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaannng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanacg	aagnaanaacc	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnna	gnanccanc	gcncnngcan	cagngcacia	naanncggn	ncccacgcca	1260
aaacngcnac	agnncgcaac	gnangncncn	acgccanacg	cc		1302

<210> 4960

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(769)  
 <223> n = A,T,C or G

<400> 4960  
 aanaacgtaa ttnaacgcta gcgctctngn ngatccngna gntctntcnt tcttccaatg 60  
 ccngaanc tgcnttgga tgnngctaca tgnatctagg tgttgangct ttacncgcna 120  
 gttgncngat gacgcntggc anangnccag gntntnnnta natccnaaca ncatantgag 180  
 gnatnggatg cctacnngca gagncgacag aactcacgct ntaaaannag gcgccacaca 240  
 cgggacgant acgttagaaa naatncnntg tgngtgtntt tcctactcnc ttactcacag 300  
 cncatcagaa ggaagnngac nacnagctng aagcnggctt nataccnnat atcgncngct 360  
 acancctgng ncaccactgc catngcgatg cttnnactnca nctaattnta ccatnnanga 420  
 tgcntcatgn acctgmncta gncccggcan ncttntggng gcccctatnn tagagaacgg 480  
 cttnnctcca cactgtaatg gtagnattg tggatnttcc tctatcatgg aaggganttg 540  
 aaacngntnc nctggagggt nngngtng actgcacttg nagcattcgn attcatgntg 600  
 anctcggaga ttnactctgg ngttccatca actntgantn caaacangat gatcnnngat 660  
 taggncgntt tccaatgttt gngccaaatt tgtaaanann aacnacngga ttncaantta 720  
 anttggnnaa nccntnttaa ccnttcgggc tcntgtctct nncntngcc 769

<210> 4961  
 <211> 880  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

<400> 4961  
 tnccttnttt actttcgctc ccgttctttt tgcngatccc ncgattcgaa ttcggcacga 60  
 gagaggggtg ggtctggcca cataggtacc tctgtggctc tggctctggg ttagacactg 120  
 ttagggacta gcatttattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180  
 attttagggt ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcactttttc 240  
 tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc 300  
 atgaatactt aagaaaggga aagtaggaac agggagcaga gcaaagcata acttgctgtg 360  
 ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca 420  
 ngaacttttt tgtaaatgaa aaagttcaca attttggnaa aaacagtgtc agatgtgtta 480  
 tggaaattgt tatcacanaa ttcttccncc tgaaacttca agttntatna agacaaccaa 540  
 ntatatattgc ctgnggaaat tcttaaattt cttgnnccct atngggaaaag gtnaacccaa 600  
 nacnntcang naanccatt cccntttttt tggcnttttg aaacttgncn acccggttng 660  
 gncanccccc aatttttcnt aaaaatttaa tggtaaaacc ttttnanacc cantatcant 720  
 nnnnnccatt ancnaaccn ctncatntac cccngcccn tctncttnaa tanaaacttc 780  
 tcnngtgcct ctttttnnaa anaantcttt tannnncgaa ccccntctt tttcccgct 840  
 nnatattncc ncatccctt tgnanttcac ntactccnt 880

<210> 4962  
 <211> 880  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

<400> 4962  
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gagaggggtgg	ggtctggcca	ca	gtacc	tctgtggctc	tggtctgggg	tt	caactg	120
ttagggacta	gcatttattg	ga	gtaaa	gacagcacct	cagaattagt	aa	caacttgc	180
attttaggg	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcactcttct			240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	agaatgaacc			300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg			360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca			420
ngaacttttt	tgtaaatgaa	aaagttcaca	attttggnaa	aaacagtgtc	agatgtgtta			480
tggaaattgt	tatcacanaa	ttcttcncc	tgaaacttca	agttntatna	agacaaccaa			540
ntatatattgc	ctgnngaaat	tcttaaattt	cttgnnccct	atngggaaaag	gtnaacccaa			600
nacnntcang	naancaccatt	cccntttttt	tggcnttttg	aaacttgncn	acccggttng			660
gncanccccc	aatttttctnt	aaaaatttaa	tggtaaaaacc	ttttanacc	cantatcant			720
nnnnnccatt	ancnaccn	ctncatntac	ccngcccn	tctncttnaa	tanaaacttc			780
tcngntgccc	cttttttnaa	anaantcttt	tannnncgaa	ccccntctt	ttcccgnt			840
nnatattncc	ncatccctt	tgnanttcac	ntactccnnt					880

<210> 4963

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4963

tctttttttg	gaaccnnttn	tngctctttt	tgcggaacca	tcgattcgct	ctggagtagc	60
tgggattaca	ggcatgcacc	accatgcctg	gctaattttg	tatttctagt	agagacaggg	120
tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	caggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gtcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaata	ctaattgattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaata	tacacttata	cagggtcaga	aatactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540
catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnaactc	ttcaagtcta	600
gcanaggcca	ataaaaagtt	cagagttnca	naaacatcaa	ancctnntcn	ancnncnnna	660
tannnnctc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nnccnntn	720
ctnccccntt	acnntacct	cncnttccn	tcnnaantcc	ctcncacgc	ncnncnnt	778

<210> 4964

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4964

tctttttttg	gaaccnnttn	tngctctttt	tgcggaacca	tcgattcgct	ctggagtagc	60
tgggattaca	ggcatgcacc	accatgcctg	gctaattttg	tatttctagt	agagacaggg	120
tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	caggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gtcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaata	ctaattgattg	aactttctag	gaagtaccta	360

ttctgcta	at	gtgtaa	ata	t	ttatc	cagggtcaga	aatactcaag	t	ccact	420
taaaagatct	ag	aaaataca	tg	cttggg	cttacttgc	agttaaaatt	gntatctca			480
gaattgtacc	at	caccttaa	tt	aaagtaga	tatgctagga	ttatcctgat	aactaattaa			540
catagccttt	cccccttag	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta					600
gcanaggcca	ataaaaagtt	cagagtttnc	naaacatcaa	ancctntcn	ancnennna					660
tanannccctc	actcacatcn	ncncatccc	acntacaaac	ncacnnnnnc	nncccnntnn					720
ctnccccntt	acnnctacct	cncnttccn	tcnnaantcc	ctccncacgc	ncnncnnt					778

```
<210> 4965
<211> 827
<212> DNA
<213> Homo sapiens
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```
<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G
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[illegible]

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<210> 4966
<211> 785
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G
```

<400> 4966							
tttgaaccct	ttnacanctt	ttgattttta	ancctttnc	cngcncnngn	gcnggancnn		60
ccccnnga	tcggcacgag	ggtgtgcggc	tgtaatttta	gctattcggg	aggctgaggc		120
aggagaatca	cttgaaccca	ggagacgaac	ggtgcagtga	cccagatcgc	taccactgca		180
ctccatcctg	agtgcacagag	cgaaactcca	tcttggggga	ggaaaaaaa	gaaagtaata		240
gggangnaaa	tcagaanttg	tgtggggantc	ccctatntc	tggctcttgn	tannatactn		300
nacctgtcag	gcnatnctga	gagcgaangc	tnctgcntag	ggctagtttc	cattcagant		360
ggtttttgat	aggcatgaac	tagtctaact	caaagcatac	ttctgtgtaa	gctagcatag		420
ctcctntact	tggcttcata	ncnttgga	ttaatcgaga	aaagtgaaaa	aggaggggtt		480
ggncctgcct	tgaatagcat	ttgatnttta	atcctacatt	ntatcagagc	cccagcnttt		540
naaatgttta	atagccntat	gtgctgtttt	gccacgccta	cnaagttngt	acttctgtga		600
atgaaaaagt	gtgactggac	tnacataaac	tggnattgac	tnncagtcac	cagtntattt		660
ccatnttcaa	ggnaaaaccc	aangactggg	ttntcctctn	ttttcttttg	aanatganng		720

cnncataaaaa tcaantaatt gggggg tgtggaagcc caccttgtga a ttatg 780  
ctttt 785

<210> 4967  
<211> 975  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(975)  
<223> n = A,T,C or G

<400> 4967  
annnnanncn antnnntnnn atntnannnc nncntaantn ntnnnatcnn nanncnana 60  
anatntnnac tnnaaanaat tnctaatagat taangggggg tctaatagett ggaaactccc 120  
ncgantaana ggttngtcgg cngctctggc tgcccgcgcg ttnagcagca tggncctcnc 180  
aggggcacag tanngcgctt cccganttac cggagcgnaa ctgccaggta ccgcnaagtc 240  
nnctctggna tcagcgctac caaggcgagc ncgantctgc caagctacct tagganccggg 300  
gactnatcct acttccgtgc cctactagag ccggagntnc ngnccgagga ccgnatcmtt 360  
gtntctangnt gcnnagaacan ngcncctgatc tactaatctg ttccntanga cgctnccnta 420  
atggnaccag tgcngactac tcatcnatac nnggnagctt gatangcnnng ctnacnatgc 480  
ccatgtgccc nnatcctcnc tnnngaaaacn nngaattgtc gcgaangctg ngacntttcn 540  
ccaaagcttt gtttttgaan tnggttnttc gaaaaaanng ncnncacttg ggaatncccc 600  
tnaattngca tgggggggaaa ctaaagnttc cccttggnaa ccccatnnta nccctttnta 660  
aaaagggtat ttaaccccaa ctttggggggc aacccccaaa ntnttttgta aacntntaat 720  
nttcggaagc ccctgggaan nantttgngn aancctntag nnaaggggcc cnggnanttc 780  
ttntctntn naacangaan ntnttttann gccnngaccn ncctcgannn ttttaaaggg 840  
gcccnanaan cctntnttg ccnnaaaacc cttttagngg ttnaggancc ttgaggaatg 900  
ccccctttt ggnaatgngg atttccactt nccnatgngt aaccnna ncaaangngg 960  
gaaaagctaa aancc 975

<210> 4968  
<211> 1150  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1150)  
<223> n = A,T,C or G

<400> 4968  
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ngngntggcg aanttcggca cgagtnngaa gcatncacat atccttagaa tagtntnact 120  
tnggctatna acccctngcc ggctgnggct ccccantgtn gtnantctgn natgtgctat 180  
acccaacctga gagcangggc gccatgcctg gctaatnamn ngtnattact tttntcanca 240  
gatgggggtct tcaactntgt gnccangett gngtctagaa ctccctgggt ncaanttgat 300  
actcctgcct gagcctccca aagtgcntgg gattatagac atgagcaaat tgtacttggg 360  
ctcaaatttc ttgnttnaaa ttgggctttt ttgtcagaag naatgngcnc ncctttgaat 420  
tatnatnttg atcttgttct cattgtatta cttngnacc cttatcnac natangantt 480  
tctatnttta ttcaatgaaa gcngccctgg ggaatttatt tgnaccttng tanccacntn 540  
cngnggcctn tngngnnntc taaatatcnn tngtccgctc tacntnnaat ntcggggggc 600  
nccttatact cnggtncacn nnatngnaaa aatnggttgt cctntaactt tcttnncaaa 660  
atntgcggca gatntntntt gnggnntant tttnanagcn ctnttngtna nntnnctttt 720  
tggngncaan tttatncact ntngnaaana nccctcctt atcnntataa ccaatttcgg 780  
naanatnngt canatattnt acattatcct ctaattntn ccccaatang ntnanttact 840



ctncaaatnn	nnctantatt	ctntcta	tncnanaatt	ntctananan	tncca	900
ntttctgnga	ntntttctgn	aahttc	ncgtgcggan	tannctatgn	ggactaaat	960
ntttntancc	cccgganntt	nttncntaaa	aaangataa	gnctttttcc	acanactcca	1020
acaaantcct	ngtggannac	ttaaantnnn	tcatncct	cnggnaacat	gtctnctntc	1080
ttnanagtac	ncatnttgga	tcnatntana	aaggnaaatn	ntgatnnggn	gctctntcta	1140
cttatcance						1150

<210> 4969

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4969

gnntttctaa	ngcnngctnt	cttctgcngc	tcnncnate	cgtgnntaca	cancacgncg	60
angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atgtgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttaacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacintt	300
gntatncnan	ncanagtntc	aaaggatgnc	natnatagca	gcnetctttt	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tggccagtat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tgggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aaatgttacc	agnggncaat	tttgttggcc	ccatggtggg	gaatccaang	gc	772

<210> 4970

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4970

ttcnaatagc	tnggctcttg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgaga	60
gtggctggat	aaaaggatgt	gtgggaaaga	actgagttga	aattaggagt	tagaatttta	120
ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatttt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaatttttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtcct	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttcctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4971

<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

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<400> 4971
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ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg      180
agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag      240
ctgttatttt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa      300
aagctgcgag atttcagagt tttccaaggt gtaaacaact aaattttgtg atcaaaatga      360
taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa      420
ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtctt      480
ttgtttgttt tggggaacag ggtcaaaatt ttcattctgc ataaggtagg tttagtcttt      540
ttcaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta      600
atatttttga gttcctactg tttatttttt caataaaaac tcaggttctc aggtttagcag      660
atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaan      710
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<210> 4972  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

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<400> 4972
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gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta      120
ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg      180
agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag      240
ctgttatttt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa      300
aagctgcgag atttcagagt tttccaaggt gtaaacaact aaattttgtg atcaaaatga      360
taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa      420
ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtctt      480
ttgtttgttt tggggaacag ggtcaaaatt ttcattctgc ataaggtagg tttagtcttt      540
ttcaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta      600
atatttttga gttcctactg tttatttttt caataaaaac tcaggttctc aggtttagcag      660
atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaan      710
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<210> 4973  
<211> 755  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(755)  
<223> n = A,T,C or G

<400> 4973

tcttttcnaa	tcnmntggcn	cttgttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tccntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4974

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4974

tcttttcnaa	tcnmntggcn	cttgttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tccntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4975

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4975

tcttttcnaa	tcnmntggcn	cttgttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360

atgataaggg	ccatctaata	nggggaa	tgtgggatct	gnentggctg	an	ntgga	420
ttactgaga	ttacanagc	tg	gaaat	gtaaaaagaa	aggcacgatt	gn	480
tcttttgttt	gttctgngga	accagggctn	aaattttccat	tctgcatnan	gtncgntnag		540
tcnttttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca		600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt		660
ctcnaggttn	cccacaacat	ggcccttacg	gaangetnng	ttgtcncaac	ccaaaactct		720
cacattncct	taaacntttt	nccccatttg	gggcn				755

<210> 4976  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4976							
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gttttgattg	gtcagattct	tttttacta	gcggcggttt	ttcttttatg	tcttggtata		120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaagcaa	ggggaacaaa		180
gaaatcctga	tcttggaat	atctgccttt	atcttcttaa	tgtaacggt	cacngagctg		240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgctcgtctc	ctctcagggc		300
cccgtggtca	ccgaggagat	cgccacctcc	atcgaacca	tccgcgactt	cctggccatc		360
gttttcttcg	cctccatagt	ttctctggcg	gcgctgggtcc	tgtctctcat	tctgccgagg		420
agcagccngt	acatnaagtg	gatcgtctct	gcngggcttg	cccaggtcan	cgagttttcc		480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtaccctnc		540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn		600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancngtc	cancctttga	tggcttcnna		660
gatgattgga	cccntggaaa	ngggaacctc	ttcnngngna	actnaancgc	nttaaaatng		720
ccananaanc	ngctnccttt	ctcggnaacc	nncnccccnc	n			761

<210> 4977  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4977							
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gttttgattg	gtcagattct	tttttacta	gcggcggttt	ttcttttatg	tcttggtata		120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaagcaa	ggggaacaaa		180
gaaatcctga	tcttggaat	atctgccttt	atcttcttaa	tgtaacggt	cacngagctg		240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgctcgtctc	ctctcagggc		300
cccgtggtca	ccgaggagat	cgccacctcc	atcgaacca	tccgcgactt	cctggccatc		360
gttttcttcg	cctccatagt	ttctctggcg	gcgctgggtcc	tgtctctcat	tctgccgagg		420
agcagccngt	acatnaagtg	gatcgtctct	gcngggcttg	cccaggtcan	cgagttttcc		480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtaccctnc		540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn		600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancngtc	cancctttga	tggcttcnna		660
gatgattgga	cccntggaaa	ngggaacctc	ttcnngngna	actnaancgc	nttaaaatng		720
ccananaanc	ngctnccttt	ctcggnaacc	nncnccccnc	n			761

<210> 4978  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

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<400> 4978
cntttctttt ttnnaaccntt tgcctactcg ctenttttgc aggnccccat cgattcgctg      60
gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata      120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa      180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgttaacggg cacngagctg      240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgctcgctc ctctcagggc      300
cccgtggtca ccgaggagat cgccacctcc atcgaacca tccgcgactt cctggccatc      360
gttttcttcg cctccatagt ttctctggcg gcgctgggtcc tgtctctcat tctgccgagg      420
agcagccngt acatnaagtg gatcgctctt gcngggcttg ccaggtcan cgagttttcc      480
tttgtcctgn ggagccnggc gcgaagagcn ggcntcatcc tctcnggagg tgtaccctnc      540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgctgt nnaaaagctn      600
cnaatcccga agtggtgtgc cngacccgaa gaancnctc canctttga tggcttcnna      660
gatgattgga cccntggaaa ngggaacctc ttcnngnga actnaancgc nttaaaatng      720
ccananaanc ngctnccttt ctcggnnaacc nncnccccnc n                          761
  
```

<210> 4979  
 <211> 850  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(850)  
 <223> n = A,T,C or G

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<400> 4979
ntenttttgt ttttcaancn attngcctac ttgttcnttt tgcaggatcc catcgattcg      60
ctggttttga ttggtcagat tcttttttca ctacgcgcgg tttttctttt atgtcttggt      120
ataaagaagt atctcattgg accctattat cggaagctgc acatggaaaag caaggggaac      180
aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggtcacggag      240
ctgctggacg tctccatgga gctgggctgt ttcttggtcg gagecgtcgt ctctctcag      300
ggccccgtgg tcaccgagga gatcgccacc tccatcgaac ccatccgga cttcttgccc      360
atcgttttct tcgcctccat agtttctcct ggcggcgctg gtccctgtctc tcattctgcc      420
gaggagcagc cagtacatca agnggatcgt ctctgccggg gcttgcccag gtcagcgagt      480
nttncccttg ccctggggag cccgggcgcc aantagcggg cgctcatctct cnggaaggtg      540
taccctcctt atacctgagn ngtgaccnc gcctnaagcc cttcttgcc cgtccccccg      600
tncctttcgn aananncttn ncnatccnc aagggttgtn nttgcccccc aanaaccccg      660
gnancanaan ccgggtncce aanccttct ttnaannggc ctttcgggcn anattcnaan      720
tggggcccc ctcnngnaaa ngggnnaaan nccttcttnt nngngggaaa tattgaaacc      780
nccttnaaaa natgggnccc nncnacctc gtcctctttt tntggggcaa aacctnnngc      840
caccctnccg                                     850
  
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<210> 4980  
 <211> 1523  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1523)  
 <223> n = A,T,C or G

<400> 4980  
 gggggggngn ngcgngngtn gggggggggg gttnttcnnn nnnnntggng acacccdttt 60  
 ttttnggggg ganaaaaaacc cnnngngagg ngcgngnggg ggctngnggg gannnctggn 120  
 nngngngggg ngggggggcn ggnntggagn ngngngggng cncgngngng ggcgngngnc 180  
 gnggngggng gggngggggt nntttttttt tngggnnncng ngaggggggg ancnaaggcgg 240  
 nngggggggg ggggggggnt gnggttgcn gggngggagg gggnggggag gnngaagggg 300  
 agngggcggg gannggcggg cagnggagg gggncgnggg ngggtggcgn gngggngggc 360  
 gngngngngn gccgnnttnn gggnggcgc gcgcnctngg cgccggcggg gangngcgcg 420  
 gncgtgngag ggnagacggg agncgnggca nngagctggn gtcngngngn gggcggggcg 480  
 nagngagnag gctcnatngg gggngggcgg gnggtgnggn ggggncnncg agngggggga 540  
 nnaggcgtng ggcnggntcg nngngcggg ggcgancggg gagnntgng ngggggccag 600  
 gngngggngg ggggncgggn gggngnncg gcnnngcngt gacggngtgn ncgggncggg 660  
 cngggcgcgc gngancncgg gaggaacgnc gcangggggg cagtggtngn gngccgngt 720  
 cngtgtngng cgagngngn gagagggagn gngntgggt ggggncgagg ggatggccga 780  
 gngtcngngg gggggaggng gnggngngn nngagggcgn tngntggct nngggggccc 840  
 agngcnggc nngcgngngn agggngngnn gggngggcgg gcntgggntg gccaganagn 900  
 gnnctggggg ggntagagng cggngngngg gnnnntgng agacgggcn agcgggccc 960  
 ngcgggcggn gngngngcgt gnnagagcgn gcgggngcgn gtgngnccng gcgngcnngn 1020  
 gcagagngg gacacagcnn cggagngngg tgnatgnga gangagngng nnnngtggcg 1080  
 nacggttagc gggcngcngg gagagngagg tgncgntggg ggagcnnctg cnggctagag 1140  
 aggcngcggc gnnngatag gngggngnga gcntgngng ganncgatc tagggagcgc 1200  
 gagtggngg nggtngacgn gaggggngg tgntnggaga gngggngagc cngngcngn 1260  
 ttagagagn cagngcggtg ccngtgggc anagggcng tgcnncngta ganatggntg 1320  
 nngcnctgcg gcngcggagg cntagngng ngtgngngg gangagcng tgtgggcng 1380  
 cgcnngggg ggcggcngag tgacgntng cgcatngnn nggccnccgn ngcgngcga 1440  
 gangngagg gngngcnng cgcgnggaga nngnnaggna cagggcgagg gangcgangn 1500  
 gntgtgtggn agngcgggn ggt 1523

<210> 4981  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 4981  
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 aactgctcac tccttttccc tccccatata aactcaaagt cctttgggcc ccaattcaga 120  
 gttatgtttt ttttggcaca tactagaaag gcagtgcctc agcccttccc tgaatccatg 180  
 gaggtgttct gtttggggct ttttagactg ctgctgctca gctggttget tgaactgaca 240  
 gtaggccagc ctgttctctg ccattcccta gtcatectgt gcctcaccac agcttgctta 300  
 gagcaagcct tttctcagac cttaggcaca gcctctcctc ttacctgat caatgttaaa 360  
 tgtaagcac cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata 420  
 gcctgtgaaa tggctagttg atcatTTTT cacaagaat taggtgttaa gagttttcct 480  
 tcaggcttta cttaggagaa tggactaagc tgaagggtga cttcaccagc aagagtcaac 540  
 tctagaattc aggatgttcc ttctattggn ttcttagcca tctgtcagga aatgtaaaact 600  
 ttggttttat ttttggctt atnccaaagg ggtaaanccn gaanatagaa aatggataat 660  
 tttctnattn aatagcngaa ncctttttca atctccaaat atataanggn gccnctctn 720  
 ttnaaaagct ctaagcctaa agtcaagagc taggant 757

<210> 4982  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

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<400> 4982
gaggnttga agccttttta tagatacagg ctacttggtc tttttgcagg atcccatcga      60
ttcgtctccc cgggcttaga agggccggct actgacgcgc agtgccagac cttacccctc     120
acggncctta agtctcggtc gccctcgctc cgcagcctgc caccgcgctc cagctgcccg     180
cctcctcagc cagccatgct ggagcatctg agctcgctgc ccacgcagat ggattacaag     240
ggccagaagc tagctgaaca gatgtttcan ggaattattc ttttttctgc aatagttgga     300
tttatctacg ggtacgtggc tgaacagttc ggggtggactg tctatatagt tatggccgga     360
tttgcttttt catgtttgct gacacttcct ccatggccca tctatcgccg gcatcctctc     420
aagtgggttac ctgttcaaga atcaaagcac anacnacaag aaaccanggg aaagaaaaat     480
taagaggcat gctaaaaata attgaggttt tcatgattca gcacctgctt ttgnttctgt     540
gagatgagct aaatttgctt tcatacccca gataagagct taaaaccac ctaatgctct      600
tatggcacaa ctgggggtata gaatttaagt tctctttata cttcaattct agcccaantt     660
gggttttgat taatataagt ngtttaaacc ttntcttnat aacttgctct gaaatgggga     720
acaaaant                                         728
  
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<210> 4983  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

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<400> 4983
ggnnnnnnnn acgctatgct ggctcttggt ctttttgcag gatccctcga ttcgaattcg      60
gcacgagcta ggatgacatc tgggtgattg actgtggcca gtcttaaagc tagtttttgc     120
tatgtggaac atgctgctct aattcagatt taaagagttt ctctctgtta attcgaagct     180
cactgtgcct cttgtttccg agggaagaag gactgattaa gtcactctaa tggatgcaat     240
actgaattac aggtcagaag atactgaaga ttactacaca ttactgggat gtgatgaact     300
atcttcgggt gaacaaatcc tggcagaatt taaagtcaga gctctggaat gtcacccaga     360
caagcatcct gaaaacccca aagctgtgga gacttttcag aaactgcaga aggcaaagga     420
gattctgacc aatgaagaga gtcgagcccg ctatgaccac tggcgaagga gccagatgtc     480
gatgccattc cagcagtggt aagctttgaa tgactcagtg aagacggtgg gtttctcgct     540
gggtgcgacg tgaatttggt aagctcanga tgcccatgga ttagactcat gtagtagctt     600
aaagagtcac taggcgatag ganggagaaa ccaagaagtt agcagaatct ggatataatt     660
cantgtccgt aaatcccatg aagagaagct catcagaatt aaggcaatgg aatttgtgcc     720
caaaaaaaaa aaaaaaaaaa actcggg                                         747
  
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<210> 4984  
 <211> 1195  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1195)  
<223> n = A,T,C or G

<400> 4984  
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nnnnnnnnna ggngaggag nangannnnn ancnnnttna nccccnttt ttnnctaaaa 120  
aaagnaccct tgggggttaa ancncncnt tgnncncnn aacacgagaa aaaagggggg 180  
cnggggggng gnnnnagnng nannncnnnn nnnncnnng nncacnaggn cnggagcnaa 240  
gaagnnaacn tttntanca ngnaaancn atnnncnnna nagcanccnc ggggggaaan 300  
cnggaagacc ncncnnnggg nnaannana nnancnana nngngagca aacannana 360  
nnnnnnnggc nnaagcnaac ncnnnnnnna nccccagnca cgnnnncnnn gnnnnnnann 420  
nannaccnac ancncnnng acnnaagaan nacgnaana aacgnannna cncnancna 480  
gnacnagcn nnanaacacc canncanaac caaaaaann ncnatngcnn nnnngnnann 540  
nccnnnncaa nnnnnnnnn nccgcnnnna nannnnncan ncagncacan ncgcacancn 600  
ancnccanna gananngcc aancnnaann ncannaggnc annnacntna aggcanaacn 660  
acngnncagc acncnnanac gangccnag nganccacac anncgannnn cnnnnnnnac 720  
gnaaanana ngacngcnn ncangcgnac anaaganana acnnacganc cnannnaaac 780  
ancagcnanc annannnnn anngcnnncn nngannnnn ngncgacan acanannana 840  
nngnngancc cnnagacnan ngacnaaac annacganga cangcngca ncnactcaan 900  
nannagnacn cccnanaacn acncnnaccn ncgcngacac naccanaaa nnaacancac 960  
nannaacnga naanacnacc nccgcnngn ccganccnag cncncnnag ncnaaccnn 1020  
annaccannn ncannncnc cncgagccgn ccngacanac acncagaacc nnnnnacaac 1080  
aanacncnca tcanannngn cnnccacnan ntncncacga cnancgana cnncgacnna 1140  
ncnnngnant nncagcgaca gcgnanacnc ntacnngna acnnnnnnnc gnccg 1195

<210> 4985  
<211> 735  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(735)  
<223> n = A,T,C or G

<400> 4985  
gcaatgtgct ctngtctttt tgcaggatcc ctcgattcga attcggcacg aggccttttg 60  
tgggggtctca tacataactc agtttccaca aagctgtgcc ccagctcagc cctatggnta 120  
gaagcatggt ctgggggttc tttgtgacc aggggtgtgtg ctttgtccaa gttactgacc 180  
ttcccaaacc tcatcaatgc acataaaaag agcacttgca aacaatgaat ctagacatgg 240  
accttcacaa agaaataact caaaatggat cccaggccta aatgaaaaat gaaaaactat 300  
aaaactccta gaagataaca taaaagaaga tctagatgac ctagggtttg gcaatgactt 360  
tttagatcca gcaccaaagg caggatccag gaaagaaata attgataagc tggacttcat 420  
taaaacgaaa acttctgctc tgtgaaagat gctgccaaaa aatgaaaaga caagccacag 480  
actgggagaa aatatttttg atggaaatat ctgagaagag aggcttgta tccaaaatat 540  
acaaagaatt tctaaaactc aataatttga aaataaaca cccaatttaa aaagtgggcc 600  
aaagatctta aatgacgcct taccaaagga agatcccngg atggcaaaat aagcntatga 660  
aaagatgctt ccnggctggg cacngtggct nacgccgta atnccancct ttnggatgcc 720  
aaggcaggca gacn 735

<210> 4986  
<211> 1497  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



<222> (1)...(1497)  
<223> n = A,T,C or G

<400> 4986  
cnttcnnntt cntgaacctt tttttccnat tccccnntna tctcncgtaa tncccnncan 60  
ganttnennc ngcatccca cttantntcn tntgngngcn cagaagntnc gngacnnttt 120  
tttngcccc canactgcn gttntanna ngnnancgcc nngtcngtnn tnnenttgnc 180  
nnnnnatatc canncctnnc tnnntnccct ancgcacant ntcncaatan tnnaacgnnc 240  
nantnacctt nccnatccac ntcanagtaa aatnctnnc aatncancat tagtgnnttc 300  
nannacctnn ccgtnnatat ctgnnttcca tccacaaagn ccaatcnng natcncnntn 360  
tnantatnnc ntagagnncn ccnnntccca tctatcngct nnnnnnatnct nggaccnnnn 420  
tcccatncca nnnngtnann cngantnntg tgnacnntt gngnncngca tctcaancat 480  
catctcgtct cttgacgatn tnttantcg gcgcattagg ntcnatcgnn tantnngntc 540  
ancacctant ntaatctcan tntnatcann tctacctatn tcatatcngc canacagtct 600  
cnctctaaat ncnncgcann gcncatntat caantcanna nactcntata nctcacatnt 660  
ctcnnngnnc atntactctc cnagctctgt cattttnttc atctntctct ctgatacagc 720  
cacntggaa aactagcnn tcaactcacna tagccnnatc tatacgcctn ctntcnnag 780  
ngactcgata natgcgtgcg tgntcnntct atagcnnncn nctcattngc atnananac 840  
tcnntcgcgc nactgttgct ntcactctgn nncantacan tgagaagtnt tatatatagc 900  
nacnananat atagactcat ctcaactcnn angacgcgan gctanactnt acttatanac 960  
ctcacnattn gncactntac ttatactntc ncntntntga nacggctnca gtatatcgn 1020  
gggntctcac ttactntnng cncntnact ntcctnngng cnnnaacag tatntacact 1080  
ctatnaatcn canacgnca ctgctccatt ctgnnccaan ntctctctc gcancnnnt 1140  
nnnnntcgna tnnngcngat cattgcnnn natngngtcn ctctncanna ctntctctn 1200  
gncngccanc cacnnngnag cntctcnnct atnncgaten tnnngcactn antaaacctc 1260  
atcacatcnt cntctctcnn cncntnnnan atctacctn ntnttnaatg cntnatgtna 1320  
ctccacgant atntcncact ttatcnntnt ccnctntatc gnnnctctnt tancagtctc 1380  
nacttatng ctctnnngnc cnacnnttna gcctcncgcn ttnatactcc ntcncnatgt 1440  
ccgntccncg nagnncata ngngnntnn ntatcntata cgnncanan tcgacnt 1497

<210> 4987  
<211> 769  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(769)  
<223> n = A,T,C or G

<400> 4987  
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gagcccagag aagagctttt cagagaaagg tacagacaag aagctagaaa gagtgaagg 120  
agcagcagtc ttgcaaggaa gcagggcaga gacacagccc atggccccctc actgccctgc 180  
tggaagggct gatggagctc ccgcacatg gttcctgcct gggtgacaga ggctcctgtg 240  
gccactttag aagtgcggtt tactcctcat gccgagatgg acctgggca gctcagttca 300  
caagatgttg gtcaggcgtc atttaaatat tttagtcag cagaggaagc aaagcgtgcc 360  
attgaggctt gtgctgtcag cggatcctcg gtctgtgtac cgccggaagc tttgccagga 420  
ccgccttttc tactttactg tagacatagc gcatgtcact tgctggtttg gtgatggctt 480  
tgagaggtg ctgaggatca agccggcttc tgagcctgtt catatgactg gccctgtggg 540  
gtccttggtg tctctggggt cttaaggagc ctctcatgt ctttaangta gcatcattga 600  
tctttggatg tggcttttgg attttctgaa caagctaag ttgtgtcaaa gaaccaccac 660  
tttgtgatct catnggcttt gattgatttg ggcttggtca aaatgggttat ttgaaaaaac 720  
gtntacnttt aataaaactt ancaaagaga ttntaaaatc ccganaaaa 769

<210> 4988  
<211> 795

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(795)  
<223> n = A,T,C or G

<400> 4988  
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ggaatctcct agaaagtgtg gatcttcgag ccatatcctt ctgtggtaga tcctaattgat 120  
cctcagatgt tggccttcaa ccccgaggaa aagaactatg atcgagtaat gaaagcactg 180  
gatagcataa cttctatcag agaaatgaca caagcaccat atctggaaat caagaagcaa 240  
atggataaac aggaccccct tgctcatccc ttactgcaat gggttatata aagtaataga 300  
tcacatattg tgaaactgcc agttaacagg caattgaagt ttatgcatac tccacatcag 360  
ttccttcttc tcagcagtc accagccaaa gaatccaatt ttagagctgc taaaaaactc 420  
tttggaaagca cctttgcatt tcatggctca cacattgaaa actggcactc ctcttganga 480  
atggtctggt ngttgcttct aatacacgat tgcagctnca tggngcaatg tatggaagtg 540  
gaatctatct tagtccaatg tcaagcntat cattttgntt actcagggat gaaccangaa 600  
acagaaagggt ntcagcccag gacgagccac cttcaagcng ttaanaagcc agcaattaca 660  
ttcacagtcn ccaggaaana aaaggncagn cctatcccc ctttncctgg caaaaggccc 720  
gtnaacctta aanaaactgc ctttagccct ttatnntgga aagtggattc ncncttnatt 780  
cttggacccc tgncn 795

<210> 4989  
<211> 737  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(737)  
<223> n = A,T,C or G

<400> 4989  
ggaatngctt ncnnnngctc ttgtgcnnga tcccntatnn nnngcgccac cgtgcctggc 60  
tggacatgtc aatttgaagt gaatgggttaa ncatccagct agctgaaagc atggcagacc 120  
ctancagaaa agctncagtg tgtttntgca gctatnaagn gaatggnttc ctggggaaaa 180  
ttgtgacttt gnntaactgt tggtgaaacc agaataaatt atatttcact tgcataatgca 240  
taaattatta aaattttcag aagtcagtga tacagaagta ctatnttgca atgtnaatct 300  
gcttgagtct ttggagaaag tgggttcatt gtangtacat agngcactgn taatatttta 360  
aacaagtnnt tnactcttcc atntaagggg tagcatntcc ttgtataaaa tgactggatg 420  
tgtataaagg aattatgttg tcatgtgcct ttaaccagct ntantcatta ctataatctg 480  
atatttatga tanttcnggn nngtgacagg accatatgaa aatntcttat gtcancncat 540  
cacttttagat tnatnatta tgnacattac tggggtnnta ncctttgcta atgtgaagcn 600  
ttcttcctta ntaagtctac attaccttnt gctcatttan atcatatata acnataactt 660  
tataantnat ctanaccnn gcccttgctt nttanacttt cnnncgcna ttaccgtaga 720  
tccngacatg ataagaa 737

<210> 4990  
<211> 772  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(772)

<223> n = A,T,C or G

<400> 4990

tttentaant	gnntnggtnc	tcgttctttc	tncannange	nontgcgntn	cgaattcggc	60
acgagccag	ccctagatac	tggcactact	gaggaggatc	gtttaaaaat	tgatgtaatt	120
gactggttg	tatttgaccc	acgcagaggg	canaagcact	gaaacaaggc	aatgcaatta	180
tgagaaaatt	cttggcatca	aaaaagcacg	aagctgcaaa	agaagtattt	gtgaaaattc	240
ctcaggattc	tatagcagaa	atctataatc	agtgcgagga	acaaggaatg	gaaagtccac	300
ttcctgctga	agatgataat	gctatccgag	aacattttgtg	catcagagct	tatttggaag	360
cccatgaaac	ctttaatgag	tggtttaagc	atatgaattc	agttccacaa	aaacctgctt	420
tgatacctca	accaactttt	actgagaaa	tggctcatga	acacaaagaa	aagaaatatg	480
aaatggattt	tggatatttg	aaagggcatt	tggatgccct	aactgctgat	gtgaaggaga	540
aaatgtataa	cgtcttgggt	tttgttgatg	ganggtggat	ggtggatgtt	agagaggatg	600
ccaaagaang	accattgaaa	agaacacatc	aaatggtctt	acctgagaaa	gctttgtctg	660
cccatggtnn	gttttctggg	tcataccnat	attgccaan	actggtcaat	ttcaggaatg	720
cctacagtta	ccantatggn	atcctntnag	cgccacanan	tggacctggt	nt	772

<210> 4991

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4991

tctatccctt	nctcaatccn	ttatccngnt	ctttgcagga	cccatcgatt	cgaattcggc	60
acgagaaaag	annaaaaaag	gaanncacan	gntttntnc	ccaaagttgt	tttctagatn	120
tgtggctnta	anaaaaacaa	aacacaacaa	acacattggt	tttctcagaa	ccaggattct	180
ctgagaggtc	agagcatctc	gctgttnatt	tgntgttggt	ttaaaatatt	atgatttggt	240
tacagaccag	gcagggaaag	agacccggta	attggagggt	gagcctcggn	ggggggcang	300
acgccccggg	ttcggcacag	cccggtcact	cacggcctcg	ctctcgctt	accccggtc	360
ctgggctttg	atggtctggt	gccagtgcct	gtgcccactc	tgtgectgct	gggangangc	420
ccaagctctc	tgggtggccg	ccctgtgcac	ctggccaggg	gaaagccccg	nggtctgggg	480
cctcctccna	ctgcgcncac	tttgcaanaa	taaactctcn	cctgggggtt	nnctatcttt	540
ggnnctctna	ccctggtnaa	gaaacgccaa	ngtgggtccc	naaacgnctn	tncttgcaag	600
aacaaaagta	cccccttgc	acccttcctn	atgggcntca	acgaatntaa	gggaagggnc	660
cccccaaggc	ccctttctc	ggngttnngc	cngntnaant	nntttgggnc	cngcnttttc	720
cnaaacntnt	ttatnngngt	nccaancccc	ttaangccan	ngttcccnng	ggggaacaac	780
caannggccc	ctcaagcccc	aanngcccc	ttncgggggg	cccccent		828

<210> 4992

<211> 1499

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1499)

<223> n = A,T,C or G

<400> 4992

cancncanca	ccanacacac	antcncnctt	tttcactttt	tttttcccc	anaaacccgan	60
cncgtttccc	ccacngtctc	aaccnctac	acnngcgcn	anncgcnaca	cacccccgnc	120
aancanccnn	nctntcnaca	cncncaacta	cactncatac	actcnctacn	ctacncaenc	180

acatacaaca	acaccacaca	t	ntaac	acacanacac	caccaccaaa	t	ncccn	240
ccnannnnca	acannnccat	nc	acacnn	acaccacacn	ccancacca	cc	ctnnan	300
ccacaccct	atctccnca	cacnaccaca	ccaccccgca	aacnnncgcc	ccantcnan			360
tnccnncac	anacacacac	acancctcac	caccnacacc	canacacanc	ccccnacn			420
caccacccac	cnnccnccc	nncnccaac	actacaccaa	cncnnnatc	aancnna			480
ccanccanac	cnnacacnc	cctcnacccc	ncaccnnanc	acctcacacc	cccacccanc			540
nccacnaccc	caanccaccc	cccacannnc	ttntnanana	acanccaatn	ccccacccc			600
ncancannca	ccacnacacc	ccccccccct	aanccaacn	cacccccacc	cncacccct			660
anncnacnnc	cnccccacna	acaaccncac	cnacaccnca	cncccccc	catctcntna			720
cncccccgcc	tcacccnaac	ccacatctnc	tcccacanc	ccaacacncc	ncnanacacn			780
nncacacnca	caacaccctc	tctcnacnc	tacantcann	cacatacaca	nncatcantc			840
nctnntncnc	ccaactncnc	actaacctng	cancnncnc	tcnctctct	caccantcgc			900
acnccacac	ccctacccat	actcnctcc	nntntacacc	atnancacac	cacacnntnc			960
accacnncn	acnncancn	cnntacan	cncancacca	cacctnacgc	acaccctnat			1020
ccacancag	accacacncc	cctnccacaa	accacangac	cnnccccctac	acatntacca			1080
cgncctaaca	ccaacnnact	ctctaccag	acaatcncct	ctcaaaacac	nnnatctnta			1140
tancanccca	ncagtcaca	cncnctnaa	caaccncaca	tccagtcaac	atnaaccaca			1200
catnccanc	antncatctc	accnntacn	actactcca	ctacnccncc	tctccnacca			1260
cncnctctc	ctatncaaca	ctcancntcn	aacactnctc	nccnctcc	cnccccacca			1320
cncntcngc	atcnncaca	cccacctaca	ccancacnnc	accncccccc	ccnaccacaca			1380
catccccan	taccatcaac	aaacacataa	gcantccact	cccaccanac	caccnata			1440
actntacncc	tctccccaca	cncnccccn	naccatctca	ccccctcnc	cncnncn			1499

<210> 4993

<211> 1576

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1576)

<223> n = A,T,C or G

<400> 4993

gncctccctc	ntcttncntt	tttgtttttn	gtttttccna	atncctttt	tcngccacat	60
ttnttgncn	nggnatcccc	atncgnnttt	cggaatttcg	ngccaccgta	gtagtanggg	120
tnggggngtn	ctgggccc	catnanggta	ntcctcntnn	tcgngntttc	ttgnnctcta	180
nagggngtgt	acnnncactn	gtctnatggg	ccntacgcaa	ttctaactng	ttcacnatgt	240
cancancatc	atgcnacnct	nnntacttc	tgcnaacct	cctctnccnn	ttcncaangc	300
cactggacnc	tcantcacct	nctnnacnac	annngnttcc	cancncgncc	ttcttcattn	360
nnetccatnn	cactttnn	cncnctcaca	ntcntcccat	cnttntccca	nccactcnnc	420
cacancctnc	ntetaantct	tnatcanatn	tcactctcat	tcantnttca	ccnactgttn	480
nancantccc	gnetctacat	gtcntancg	atnntcntnc	tncaactcat	ncannncctt	540
ngcgccctat	caaataactn	tacnnactnt	taccctactn	ntnctntcan	cntctactnt	600
ccctctctc	cttctatctc	accatacacc	tctatcngan	cntnncatcn	ctatcnnta	660
tecanacnnc	tgtnactcgc	tntcactctc	ntntnttctc	tcgcaactaac	atanntcaat	720
cccanctctc	ntacctgtca	ntccncagct	ctgatctctc	ncgtanaact	cctactctac	780
tacactntct	acnctntctn	tacgacacac	gncagctcac	tctccactac	tntnctctnc	840
acnctctctc	gagncntnct	ctccnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tenctccana	ttnagttctc	canctgtann	catctcgctt	tnacactcan	cnnnccctna	960
ctcgnactct	canactctct	cngcnctatc	tcaacacatt	ccgtnnctcn	ancanacacn	1020
acnatacgtn	gcttcatn	cntcaagtan	attnancat	natcnctatn	tcttctatan	1080
ctattnngan	ncatacnctc	atcggcant	cacactctat	nanctcnnta	cacacccagn	1140
gtcatacntc	ttctgcnagt	ntcnmncntc	gacgcannnc	catctcanca	ctcananttc	1200
tcacngnacg	tacacncna	tctctcnng	cnccannng	actcatnacc	tatctntcna	1260
nctctncgnt	ctcnctcnc	tctctatcct	ctctacnctc	tntctcttac	gctccnncnn	1320
tcactctaac	cntacnntca	cnnctctaca	tcttctcat	ctctctctct	atanttctta	1380

tcgntnnnta	ctncnaccag	c	gctat	ccttgcttgn	actccnnc	a	ccn	1440
ctctcatngn	tcacatcnt	cn	ctntnta	ctcgtcatca	ctctccn	acn	ccn	1500
tnntatcctn	anancnnc	accgcagnc	accactcann	tcnnatnct	ntannacnt			1560
cccacntctg	accnct							1576

<210> 4994  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 4994								
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cgntncgaat	tcggcacgag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat			120
gnttttgaac	aaggcgaatt	atatttgaga	gaaaagtgtg	aaaattcaat	tgaatcccta			180
agattattta	aaaatgatcc	tttggtcttc	aaacctggta	gtcagttttt	gtattcaact			240
tttggtctata	ccctactggc	agccatagta	gagagagctt	caggatgtaa	atatttggac			300
tatatgcaga	aaatattcca	tgacttggat	atgctgacga	ctgtgcagga	agaaaacgag			360
ccagtgattt	acaatagagc	aagattttat	gtttacaata	aaaagaaacg	tcttgtcaac			420
acaccttaacg	tggataactc	ctataaatgg	gctgggtggg	gatttctgtc	tacagtgggt			480
gaccttctga	aatttgggaa	tgtaattgctt	tatggttacc	aagttgggct	gtttaagaac			540
tcaaattgaaa	atcttttacc	tggataacctc	aaaccagaac	aatggttatg	atgtggaccc			600
cagtccttaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctgggggtg			660
tttgtgggaa	aaagaaccaa	accgtatggg	ttcgtgtaga	aagcaaccgg	cattatgcct			720
tcacatactg	ggaagggcc	ntgggtgcc	gtagtgtccn	gctnggccct	tccttgaana			780
actggattcn	aaagnt							796

<210> 4995  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(815)  
 <223> n = A,T,C or G

<400> 4995								
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ntgcgntncg	tataatctgg	gggtacagag	caagggaaga	gtactttgac	tttgaggaga			120
ttctggcctt	tgtcaaccac	cactgggagc	tcctgcagct	tggcaagctc	accagcacc			180
cagtgcagaga	tcgaggacca	catctcctca	acgctctgaa	cagttataaa	agccgggttc			240
tctgcggcaa	ggagatcaag	aagaagaagt	gcattctccg	cctgcgcac	cgcgtcccac			300
ccaacccgcc	aggggaagctg	ctgcctgaca	aaggactgct	gccaaatgag	aacagcgct			360
cctctgagct	gcgtaagaga	ggaaagagca	agcctgggtt	gttgccctac	gaattccagc			420
agcagaaaag	gcgagtttat	agaagaaaaa	gatcaaagtt	tttgctggaa	gatgctattc			480
tccgagcttc	gcaatgccgc	taaggacnac	aagaagaaga	angacgctgg	aaagtccggc			540
aagaaagaca	aaagaccag	tgaacaaatc	ccggggcaag	gccaaaaaga	agaagtggtc			600
caaaggcaaa	gttcgggaca	agctcaatac	ttaatctttg	tttgacaaag	ctccctatga			660
taaaactctgt	aanggaagtt	cccaactttt	aaaccttata	accccanct	tgtggncctc			720
ttgagaagac	ttggaaagat	tcnagggtt	cccttgggccc	agggggccagc	ccctttaagg			780
agcttccttt	aattaaagga	ccttattcaa	aaccg					815

<210> 4996  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

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<400> 4996
tnnnncnttg acggatcttn gcagnactna acggcaantt ccctcttttt gcaggatccc      60
atcgattcga attcggcacg aggagtaagg gcaggggcct aanaaacagn ttttgttggg      120
tcttgaggca aaaaaagaag aaaatcttgc tgattggtat tctcagggtca tcacaaagtc      180
agaaatgatt gaataccatg acataagtgg ctgttatatt cttcgtccct gggcctatgc      240
catttgggaa gccatcaagg acttttttga tgctgagatc aagaaacttg gtgttgaaaa      300
ctgctacttc cccatgtttg tgtctcaaag tgcattagag aaagagaaga ctcatgntgc      360
tgactttgcc ccanaggttg cttgggntac nagatctggc aaaaccgagc tggcanaacc      420
aattgccatt cgtcctaacta gtgaaacagt aatgtatcct gcatatgcaa aatgggtaca      480
gtcacacaga gacctgccc tcaagctcaa ncagtgggtgc aatgtggngc cgttgggaat      540
caagcatcct cagnctttcc tacgtactcg ggaatttctt tggcaggaag ggcacanngc      600
ttttgctacc atggaaaagc aacggaaaag gcttgcanat cttgacttaa atgctcagga      660
tatgaagaac tccggcaatn cngnngtnaa ggaagaagac ggaaangaaa aattcaggan      720
gagacttnca ctccatagaa gctttattct gcc                                     753
  
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<210> 4997  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

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<400> 4997
tggtttanat cngctcttg ttctttttgc aggatccctc gnttcgaaaa attttatgga      60
cttctatgga tatttcttga tgcttagaga tttgtttttt taattgcaaa tgtgaattgt      120
ctatttacia atgctattac atatggagcg ggcctgtggt gtatggcact attccttgga      180
ctaattggtac ccagggtcca ttctctgctc agctcggttg ctctagacaa agcccctaaa      240
atgctgtctg cttcagtcct cttaattggtg aagtggaaat gaatacctac tgtcacttaa      300
ctcatggaga tgctggactg ataattagat catgtaagag cactttgagc tgtattgaaa      360
aatatgttgt ctcaaattaa gtagagtcta tggtttttga aatataaata tattgccaga      420
aaatacatca ctggggggagc aaaacatgta gaccaaatat aacagggatt agtaacatca      480
gtaaacatag ttgggaaaag atggcactaa agaaaagcaa gaagaaagtg ttgctcttgt      540
aaaccaaann aaaaaaaaaa aaactcgagc ctctagacta tagtgagtcg tattacgtag      600
atccagacat gataagatnc attgatgagt ttggacaaac cacacctaga aatgcatgaa      660
aaaaaatgct ttattnggga aatttgggat gctatngctt tatttgnacc c                                     711
  
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<210> 4998  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)

<223> n = A,T,C or G

<400> 4998

ngntttannt	attnnctttg	cgctttgnga	acttccngca	nganttcgcg	attcgctgaa	60
atgtcanaca	cggccaccta	ggcagcat	ttt	acaagcaaga	nttttctgct	120
atatcttaag	cgccccagt	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccagagcagg	cagntctgtt	gtatgcctct	ggagaaggct	ggctgaattg	240
gaattggnc	gtaccttctg	cctatcatgt	acatgaggct	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatagatcat	cagacaacca	ataacatatt	gatgagatat	360
ctccaagatc	tagaancgtc	ctgggtgtca	agggaagtct	ttggggtttt	tacaaatatt	420
gataatgcac	tttctataaa	atgcactttt	tataaaaaatg	catgtcant	tgagacaact	480
tgaaaaacac	naagaaaagg	cccgggccgt	agtggctcac	gcctggnatc	ccagcantct	540
gggaggccna	aacgggggtg	atnaccgaag	gtcangagaa	ntgagaccat	cctggcnaac	600
atggngaaaa	ccccagact	ctactnaaaa	aatacataaa	aattancang	gtgtangntg	660
ncggggcgcc	natnagnccc	antctactna	aggaggcctg	aagcaggaag	aatgggggtg	720
accnnggaa	nacngaacct	tgcantnaac	cgggnatccc	gncactggna	cctatagnct	780
gggngg						786

<210> 4999

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1251)

<223> n = A,T,C or G

<400> 4999

acgagggggc	tncccctttt	ttttngnaaa	aaaaaacccc	ccnttttttt	gggggggggna	60
aagnttgggg	gggttttttc	cnaaaaancn	cccnttttgg	gcanaaaaaa	nnccccnnnc	120
nnaccnna	ccannnnnca	nannnnnggg	gcncncncgn	nnnacancn	cggccacnan	180
cnnanancng	gngtggntca	cannannacg	gnngggggnt	cnccanccac	nnngggtnc	240
ctatncggg	gngcggggg	ccncnggggn	nncgngnatc	acntgggggn	ggncncncac	300
ccgggggggn	ncncnngcn	gngccaccca	taggggggnc	anaatggng	ccccnnncgn	360
nncacancca	aggnggcaca	cntancccn	annacaccnc	ccacacctnc	tncnanaacc	420
nannnacana	ncnnncnacc	naacncnacc	cancanccac	ccccaccnnc	ncncncaccc	480
acnacncaac	ccctccan	accnccnan	aacaaannnc	ccccnacant	cnnccccnnc	540
nnnaacncnc	nancccnac	aancccat	nnaccnanac	ncncannna	ctaanacnct	600
nnccacnna	canaaactnt	nnacncancc	acncnacccc	cccncacccc	cacccccaac	660
nanacncnc	tccccatac	cacaacacnt	nccanctnac	ccctnaaacn	anancaaaca	720
tanaaancca	cncacacnca	acccaccaac	acnnctaann	ccaccaacan	aaacncccac	780
cacanacnac	cncataccan	cnnnacacna	tcaccnnacn	acaccaanacc	cntactncac	840
cnntcnatct	cnnnncatnc	nctancacna	cacnnnaacc	tcacacacnn	cataccccan	900
cannacacan	tctatacanc	nnctcaacna	ccncacatc	ctattactnn	acancacncc	960
natnctcnaa	ncnnncnaca	anacncnacc	aacacncaac	catctcacat	ctncacncna	1020
acnacancan	tctcncccaa	cacaaatcnn	cncnnaacnc	tcncanacn	tacancatac	1080
acacnnacta	caacgcncca	ccccnctctc	ncaacacnca	cnntcatnna	cncacntecn	1140
anacnctnnc	acaactaaca	tnccacacna	acacacnana	nacacaccca	nnncaccann	1200
acaccnaacc	ntcacaccac	nactactnnc	aanctnnnnc	cacatnncnc	c	1251

<210> 5000

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(787)  
 <223> n = A,T,C or G

<400> 5000  
 gnttttccta ggnatnnctt tggcacttnc tctttttgca ggatcccatc gattcgaatt 60  
 cggcacgagt cgagtttttt tttttttttt ttcacttttt aatacacttc aatgggtttt 120  
 aatatattca cagttgtaca actatcacta gacaaaatat ttttatctgt atgaagtgt 180  
 gtgtgtatca tggggccaag tcaggggaag acaggagttt accaggggaa gaaatgcatt 240  
 ccagggaaaag agaacaatg tgcaaaaaga cggaattctg aaatgacctt gcatttgcatt 300  
 aatatgaaac tgcaggggga ggtaggctag agttttatagt gaggaacaaa ttgggctagt 360  
 ttacaaatga ggaatctgaa gctcaaatag atgaagtaac tggcataagg caattatctt 420  
 atgctaactc aagaaaaggt gtctaaggca ggggtcccca accttgggtg catggactgg 480  
 gtactgtggc ctgttaggaa cccggctaca cagcaggagg tgaggagcag gcaagcatta 540  
 ctgctgagc tccacctnct gtcanatcaa ccgngggcat caaattctca tcggaacttg 600  
 aaccttatt tttgaactgc ncattgttan ggatagggtg cattgctccc ttatgagaaa 660  
 tctaacctaa tggcccgat gaatttgang gggaaaaaaa atttcaatcc ttgnaaccac 720  
 cccccnaac cttgtttggn gggaaaaaaa nagnctttcc nntnnaaacc cggncctctg 780  
 gggncct 787

<210> 5001  
 <211> 900  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(900)  
 <223> n = A,T,C or G

<400> 5001  
 nggntctttt gnaatttcta acacctgctc tttctaattn ttggaatccc tcgattcgaa 60  
 ttcggcacga ggnaanaacn gctctggaga aggccacgac annncanaga nntcaagtna 120  
 gaaanccacc agnctaactn naggattnag nancctnnnn ancgnntna ggnncaatga 180  
 ggctgacctt gaggtctctg gnaggggaaca cttgncggca cnnagctctt gtgcgtnctn 240  
 ggtcactttg ntcntatcca ttctctgaca cccagtttn nattaancac ccnanntnag 300  
 antntctgen nggtgccngg cnnnttntta cnnangccct tctnctntt tcnnccannat 360  
 ccncnnttt cctnatcctt ttggntcgga tanannnttn ctngnaance nttngntttt 420  
 ctttnancan tnattctnna ncccaaaatt tgcttttttn gtcttcttgn attttctnct 480  
 naattgccct ttcnatctcc ttnnatnttn atcccttttt ntttttccct ngcnttttnc 540  
 ttcatacngt ntccctttt ntnntgcn atnttncaat nggncctac ttttatcccn 600  
 ttnngggctt ttttgccnc ttnntttttt tcttccnant tcttccctta tttctcnacc 660  
 ctntataacn tacntnatct ttctctaaat tncctcnntt tcttctnttn tntccctnt 720  
 tttttgtcc ancntacata cttcnntnnt tttnggantc tcnncctatt tntntcngnn 780  
 tcaatctatc tatcccnntn tncnnttnt ncttncnnt nctnntteta tntnnttct 840  
 nttattnncn tntnctntta gttnttctt tacntactan nctttttcnn tttntnnncg 900

<210> 5002  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G



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<400> 5002
gtnnctaaat ggcnggcctg ctgttnctt tctcgcagga ncccnncgan tctgaattcgg 60
cacgaggcgg nncggctcng tacatggctc tgtntgtcac aannnnacgc nntgnntgcc 120
cgttcncnat acnatagtgn ngctntgtcc aaatcntgga ctctgccctc natgaacttg 180
tgctatccag atgaccnngc tacatcactg nttgctncnn gtactngcan nnnncacgna 240
atgtgggnant gnatgganac gntgaacctt ttcnnactat ngcccntnct tntgnaatca 300
nnataaccct gtttggnact nttntngggc tncatttccct ggctgnggtn tgnctnacac 360
tgaccaangg gcctgtgctg tananatgcn annntnntnc agngntnctt ngtnactntn 420
ntaaggcnaa tttnatntga nantnatgca cnattngccc agtgagcnnc nagttcagng 480
nncgcannat ggngancgcn gtgcttancc nagntctgtg nnaggctatg cccatntcaa 540
ggcntgcatg gaactatgat ggnnncannn nattcnangc ngtgtgncng aatgagatcc 600
tngcacaagg atatcatncn tncagtnatg gctgtncaac tctggantct angcatgttc 660
cgannntgan ggnancagat tnantngnac cctgactggg gcnnngnanc ngnacattga 720
aaaccngccg ctgc 734

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<210> 5003
<211> 934
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(934)
<223> n = A,T,C or G

```

```

<400> 5003
nggnnnnttt naaaattctt natatacngc tacttttcaa atnnttggat cccatcgatt 60
cgctggcggg aaggctggaa agggactccg gaaaggccaa gacaaaggcg gtttcccgct 120
cgagagagc cggttgagcgt tcccagtggt gccgtattca tcgacaccta aaatctagga 180
cgaccagtca tggacgtgtg ggcgcgactg ccgctgtgta cagcgcagcc atcctggagt 240
acctcaccgc agaggctactt gaactggcag gaaatgcata aaaagactta aaggtaaagc 300
gtattacccc tcgtcacttg caacttgcta ttcgtggaga tgaanaattg ggttctctta 360
ttaaagggtt cnattgctgg tgggtgggggt catttcncac atttccnnaa tnttttgaat 420
tggggaanaa aaggnccccc cnaaanantt gtcttaaaag gattccctgg gatttccttg 480
ggtatcttca aggacttctt naaatacctc ttaacaagc ttgtncctaa tggtttgggt 540
ggaattacca nttgggacct tgggtattctt cttggtggna aaaaaccacc aaatttttgg 600
cccttttttt gggnaaattc cttaattttg gaagccnaaa tttggggaaa agntttttaa 660
atttaagncn tttttcccaa acccaaaacc cnaaaatttt cttggccant ttcnaagtt 720
cntttaaanc cntttntttt naaaaatngg ttnaccttgg gggggctttt cnaaaaggaa 780
aagccttntt tggaanttct tggaaaantt aattgggggg ttttttgaaa tttggaaatt 840
ttggacctgg gntttttttna aaaaaaacct ggggttnggg aattttttaa attggnggaa 900
ttncncnaaa agtttnttng gtnaanccaa accn 934

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```

<210> 5004
<211> 757
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

```

```

<400> 5004
ttnnnnnnn cagcttcnng ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
ncnngatggn nntgaatgnc angntatnn cagatgagac aagnganaca attgtgtccn 120
tgtantctnt nngngncnt ngntgcnggn gaaacatnaa ctatnggcan gntaactgna 180

```

cancntagac	ccanngatnc	n	caggn	cantantggg	aaccnccant	n	ntntt	240
ttnnctatgn	tcacagcnnn	ca	ngtnna	gnctgangnn	tnananngac	nn	ngagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac			360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan			420
anctaccng	cnctnactgn	atgnngactn	gcatgntnan	cnaanntaac	ctgngagcen			480
ncgngcnag	cctntttgtg	agaagncnan	tcngtnntnc	acntgcccnn	agntagcgct			540
ttngnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc			600
nntnacntgc	nngctcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg			660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant			720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt					757

<210> 5005

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 5005

ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	attgtgtccn	120
tgtantctnt	nngngncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnnttt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctaccng	cnctnactgn	atgnngactn	gcatgntnan	cnaanntaac	ctgngagcen	480
ncgngcnag	cctntttgtg	agaagncnan	tcngtnntnc	acntgcccnn	agntagcgct	540
ttngnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngctcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5006

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 5006

nttngaatt	ccatatagna	ntgaacggga	antccccctt	ntgcaggcag	cccatcgatn	60
cgaattcggc	acgagaagan	gtttgattct	ttagataacn	cttttnangt	gctataaagg	120
gcctagttta	aaaggaactt	cttttgaaaa	gcaattaaca	gttgataaag	ggttaaataa	180
aaattatcta	gtaaggaatt	tcttattgga	atgtaaacgt	ggttctaatt	ttaaatagac	240
agtgatataa	agaataaaaa	gtaaacagtg	aaattgagtt	ctccagggaa	aaggcagacc	300
tgtttagtaa	aaaaaggatg	cttttttcag	tgatgtcttt	ttttgagtgc	atatgtgtgt	360
gactcttgaa	gaaatccatg	ttcagattta	tcagatgatt	gaagtgggtg	ttctgaataa	420
agaaagctgt	gaggcctgag	gcagtgaccg	tatcaggaaa	catattttat	tggagatttg	480
gaagctatag	taaaacataa	tggcaataag	ccaacttccc	agtggtaaag	ccacagnggt	540
ggnttagttc	taacctcttg	atgaccgagg	aggntaataa	ttggatattg	cagagcagca	600

aatatgtaac	cngngngtaa	t	nggcc	ncangntaan	cagnttccag	n	agccn	660
tagaagaaac	ccctgaccaa	aa	ctagctt	accccgacc	tangetgecn	g	catgngg	720
gncnggggtt	cntcnggggt	t	aaaagaaac	ctaataactg	nccacaanac	cnttgaccg		779

<210> 5007  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

<400> 5007	
ctgnnnncng cccgatccang tagaactcat gggaactccc gcagganccc agggngncga	60
acngngnncg aggnaccgag agagaagggn gggtttaact acacactttt naaccntgct	120
taacanaagt attatatang nacagtttca tacaggaatt acctcaaaag ggagtctnat	180
gangagcaac tacagatagn tgcaagggaat catacagaag atatcgatga taggtgaaan	240
atgcttagaa ggggtgtgaa tgtctagcng ngacnaccat gtgtatgtat ccttgacaag	300
cagtataaaa taccngtgan gtnttcttta cattacggga taangcataa ggaatcaatc	360
nccatatana ctatcanccc taatgnagca aggggaagta tntaattgcc catgatatgt	420
anntactna tactatgcca gagaggaaac tataaagtaa ttacacangt aaacttgggt	480
ntttcacana cgnaggtatt cattnngagt acggtgaaga agaaaaanga atatcnaaat	540
gaactgaanc cngatgggan agtatcaaca agtntntaaa agcccaggat tctaaaaaac	600
aataaagggg cacgggcant ttttggagtn ngnacancct tatgccnant ggcnaanaat	660
nccaaaaatn aaaagcggn accattgggg aaccccggtt ggaccntaaa nggcnaacnta	720
aatnggggaa ccagcnantn gangaatgan ggaaccaaag gggggtagg caaataagcc	780
aaaaccccca anaaanant nnnnggncca aaannncccg	820

<210> 5008  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 5008	
agagnnnnnn ttnnattctt tgnnctctaa nagcttggct actngttctt tttgcaggat	60
cccatgcgat tcgaattcgg cccgaggcca ccttctaagc aagtgatggc ctggctgggt	120
cagtaccctt tgcaccctgc tttttaaatc ttattctgca cactttttca tatctattca	180
tatgattaga catcatcatt ttaatggctt catggcattc catttttatgg gtatattata	240
aagagactaa tacagaatta tggtccttac aatacatgat ttttaaagtt ttaaaagcta	300
actgggggta catgccctca ggacaagaca cataaacaca ttttgtngac aaaaaaanaa	360
aannaaaaaa aactcgagcc tctagaacta tagtgagtcg tattacgtag atccagacnt	420
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt	480
tatttgtaga atttgtagt ctatngcttt atttgtaacc attataagct gcaataaaca	540
agttaacaac aacaattgca ttcattttat gttncagggt canggggagg tgtgggagg	600
tttttaattc gcggccgagg cgccaatgca ttgggccccg gtcccacttt tgggtccctt	660
agtganggtt aattgcncct ttggcgtaac atggncatag ctgnttctctg tggggaaaat	720
ggtatccgnt caaaaattcc acaacatacg ag	752

<210> 5009  
 <211> 809

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(809)  
<223> n = A,T,C or G

<400> 5009  
tttnnaannn ncagcgtnnn cncnttnn ctnegtga aa ccctttggca anncccccn 60  
nnnngcagga tcccatcgat tcgaattcgg cacgagattc tctcaataat ggccagccga 120  
aatttcncgc tgccaggcat ctgcctccgc ggggtcatta aactcccaca gtggtcacc 180  
cactgctgat gtacagactt tccaggcaaa gcgccatatt catcaacacc gncagtctta 240  
ctgtaattat aacactggag gtcagttaga gggcaatgca gccacttcct atcanaagca 300  
gactgacaaa cccagccact gtagccagtt tgtgacacct ccgcggatga ggagacagtt 360  
ctcagcacc aatctcaaag ctggctcgaga aaccacagtg tanaatcaag tnactggaca 420  
aacttgaaat catggtggaa gaaacagaca gngtttagctc atgatnngat ttggtntac 480  
ctttggcctt gagttcttat tatttacatt ataaanatta actggttnta tattgntaag 540  
acaaaacact ggtaaaagtn gcaacacct cctnntgctt gtataccata aatgggcagn 600  
ctctggaaat tnatggataa agcatcaaag aaactgcnnn ngtgctgaaa acgtttctnn 660  
ctttnttttag ngcctnaatt taagatactt tactttacnc cncntngna atctgggng 720  
cangntctc ttttanggnn tggnaaaana ncggncttcg cccctnntaa actnnagnn 780  
gngtngggat taccgcnaaa cccngacc 809

<210> 5010  
<211> 707  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(707)  
<223> n = A,T,C or G

<400> 5010  
cnaatgctgg tngctngttc tttttgcagg atcccatcga ttccggggcta gcctgcacgc 60  
acgccaagat ggagctccag gctagcccac agaacagccc agccgcagcc gtcctaccag 120  
accagcacct tgtaaccaca gtctaaccac gcgggcacca ggcggtgaga cctcctgccg 180  
ctgccagccc aggatagccc ccttgctctt tgcccaaggc tcaggctacc ccttgaggcg 240  
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa 300  
cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct 360  
ggtctgctgg tgctaccagg cttgaacagt cttcaaattc actgctatta ggcaaattac 420  
ctggctcccg ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat 480  
tgggtgaaca aatgattttg aaagaatgaa tgtcttcctc tgtgcctgca tttcctcaga 540  
aggctgtaac aaagattaaa taggaaaatt cgtggaaaagt tcaaaaaaaa aaannnnnct 600  
aanantcatn nnannnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg 660  
gagncgtatt acgtanatcc agacatgata ngatncattg atgagtt 707

<210> 5011  
<211> 666  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(666)  
<223> n = A,T,C or G

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<400> 5011
atgtgntaac acacataggc tcaangtaaa ggggtggcga aagatctgtt atgcagatgg 60
aaaaaaagat caggggtcac tattcttgta tcagataaaa cagacttttt aaatcaacaa 120
cagtagaaaa aggactaggg cattacataa tgaagaaggg ttcaattcaa caagatttat 180
cctatacaca cccaagattg gagcactcag atttctaaaa ctattatttc tagacctagg 240
aaaagaatta aacggccaca taataatagt gggggacttc aacacctcac tgacagtgtt 300
agatagatca tcaaggcaga aaactaacia attctgaact taaattnaac agttgactaa 360
ttgaacctaa tagacatcta cagaatactc caccaccaa caacagaaca tacttttttc 420
tcatgtgcnc atagaaaata ctctaagatt gccacatgct ttgtcccaaa gcaaacttca 480
gttaantcaa aaaaagattg aaatcatacc cangcttttc agactcctcc atagtaaaaa 540
attggaaatt caacaccaag agnaaactnt caaaaacatg ggaaacttaa acaacttgct 600
cctggatgac cttttggggg aattgttaaa atanggcata catnaacccc ttnttgaaac 660
aatgg

```

<210> 5012

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(802)

<223> n = A,T,C or G

```

<400> 5012
ttcgtnttc cngtagaact tncngcaaaa tcccgtancn gcangagccn atacgatccg 60
ggnccgntga acnaactaga ctacgcngcg ngcnggcctg tttnaaanan tggccagnnc 120
ttcttnagnc ngtagctcaa aacctgtgag natcanacat canaaatgng ngaaanntan 180
agccnntnga anacaacatn ngngacaacc nacnanacaa nactatgggg ancagcttnt 240
ccatgtgang catagccang atccataacg anaangaaac cngaaccng gncnntcnca 300
anatgnaana cncntgcntt gctgcaatgc ccngcaaagn cgatgaaana acngggctac 360
atacngcgag gaaggactat gcaactgctn ggcaggacta ntgactnnaa nctgngatct 420
nnnnggnact nagaacngaa nnctnnaaag gnnngacagn caanttnaaa acngnnaaan 480
gnacngcntt cgacaacaag gntatncnga tntcatctga acacnggaag ggaaacnnaa 540
aaccctanac gagnatnngg atngaannng gacnntanta nnaacgcacc ctttaagaac 600
agcttganc cncnngaa ccngccatnt ttaaccccag ccttgggcac caccaggcaa 660
cgacaccagt ctancaaagn ctnangcnnn naananatna gcncccagcc cngaaacgct 720
gnggccngga atatncaagg aaaccagaac tcttaaaacg gtttcccagn nggggaattt 780
taaaaaaggg gccaacccct cc 802

```

<210> 5013

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(874)

<223> n = A,T,C or G

```

<400> 5013
agcgggnttt taaaccctta tnntatncnc tnngaaacna aatcgcncta aaagggngg 60
gggcgcgagc cntnmccac cccattncca aangaggnt cantggggtn nggcccngca 120
ccattatcen ncccattcg naccnntaaa ncgctctatc aantacaana ncatgacctc 180
cncnctatct ntctnctach cttnctnana cantattnan tccacttgat tttttttttc 240
ttaanactan ttatattact gctnctcggn gnctgcntac cnttnccatg ctaaggctgg 300
nacancagnc ctgngnncna taccgtgnaa tccnccagga nancnancce ctnngnancg 360

```

gaggnccegc	annccccnn	an	atag	antagttcna	nggactnnag	n	atcaa	420
caactnnctn	gngngcagn	cs	ctnncc	ttnncgacng	cccntnanct	ac	ggganct	480
gnatnatncn	ctntntcata	tg	naatecnn	tnttnctcg	gtntggngca	caa	acgannn	540
nnactagga	antcttctn	na	tagncnt	aanannacaa	nga	atgggat	taananctta	600
nncccttngg	ctccangna	ga	cancnc	ataccnnttn	gggntttngn	nta	anaantg	660
tcctnannng	gggnantaac	ta	angnnacc	cctantncct	nntcgatccc	cct	anaagaa	720
ntnttctnt	atctttctct	cca	agtacag	ancncntagn	naa	aggntcc	catntctatg	780
ngncctnncn	tttganacnc	tn	ctgngng	acccactttg	nctnngaang	gnc	atnccat	840
ntnaanctta	accatnngnt	tatt	gnctc	gcc				874

<210> 5014

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5014

agttcatcct	ttcnaatngc	ttggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggtttttttt	tttttttttt	ttatagggat	cactttttatt	tcaaacaatt	120
aaatacaaac	caatatttta	ccccttcata	gatgaaatca	catctttttca	ggatatgagt	180
ataaagtaac	aagcctaggg	cagagcttgt	actgacaaa	tcctgaaact	acaatgagag	240
gaaacacatt	gctctacttc	gggataagtc	atgaccgaga	ctcaatttca	gagacgctct	300
atgaacagag	gtgcttgaag	ccacagtggc	agaagggaaa	gatggggaag	tgtgccgaag	360
agcctccagg	catgacagac	agtcccctga	ccaagcacia	gtaacaggcc	ctttgggtct	420
ctgcttctca	ctggaaaatg	atgaagccta	natctgatga	ctcctagtgc	caacatttaa	480
caaagttcga	aagttatgca	ggacttcaca	catgtacgga	atggctgtat	cacagaatat	540
tatgccgtta	gaaagttcac	ggncactatt	acctagcttc	taaaattttt	cagaagaaac	600
agcagactta	ttaagtggaa	tcttaaatta	aagggattan	catttttaatg	gaaataaatg	660
gaaaccagag	caggggaacc	caaagagccc	anttagggga	agaatcctg	aaaaaagtnt	720
ggntttacac	cangnancag	cntttgaaag	aaaaaccct	nttgattttt	tttccanaa	780
na						782

<210> 5015

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 5015

gccccccnnn	nnnnnnnttt	tcaaannccn	ttnnnnnnnn	nngnnnnnttt	tannnnnttn	60
ttannnnaca	gctcttgctc	tttttgcagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgaggg	gagctgggac	agatgatcnt	nccctcntca	180
gngtcatggg	tnccangngt	gagnttnatc	tgccnnacat	ngtgacggag	tttaggaaga	240
atgntgccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgectgc	accacccct	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnnacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnanctn	ttggnnngnt	ggagnactna	540
antnttctna	gtgtnacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600

aaagaggcta	ctgtgctttt	atctttt	aaaacctcca	tctgtattac	atnaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttggaat	ggccttagtg	720
aagttcgca	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5016  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 5016						
gccccccnnn	nnnnnnnttt	tcaaanncn	ttnnnnnnnn	nngnnnttt	tannnnnttn	60
ttannnnaca	gctcttggtc	tttttgagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgagg	gagctgggac	agatgatcnt	nccctcntca	180
gngtcatggn	tnccangngt	gagnttnatc	tgcennacat	ngtgacggag	tttaggaaga	240
atgntgccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgctgc	accacccct	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnnacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnganctn	ttggnnngnt	ggagnactna	540
antnttctna	gtgtnacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600
aaagaggcta	ctgtgctttt	ancctttttt	aaaacctcca	tctgtattac	attgnaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttggaat	ggccttagtg	720
aagttcgca	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5017  
 <211> 1425  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1425)  
 <223> n = A,T,C or G

<400> 5017						
cntnttaaaa	aaatattgaa	ggcctntggt	gggaaccct	tnggggnac	ccttgganca	60
tttttgngg	nnccncctt	naaaacnate	aagaaaaata	atggnggggt	cttttnnggg	120
ggnnncncnn	nnncannnan	ccnatnnann	nnnnnnanntc	nnnnnnnnnn	attnnacata	180
nancncncc	aanancnca	ccncttnncn	tnncnncctc	nnnnnnnnnt	nnacnncnac	240
ntnnnaannc	acnannnnna	ntnnnnncna	ccnatnccn	atnccnncnn	ncannnanc	300
ancnancnn	tnntanannn	nnnatncccc	nnnnnnntnta	nnctctccta	ctccatncna	360
cntncccnac	cnntccatct	naaacnannc	nnantnanct	ncnannntc	ncnncaaann	420
naatnnnncn	cctccacaca	cantnnancc	tctacnnant	ccacnccann	cccnnntca	480
nccccncaca	anncnntcc	nacnncnct	cannacntta	acannacnaa	cccncctatn	540
accanaccnc	ccccannct	ncnccntnac	tnncnancan	cannnnncnc	ccnactnnnc	600
ncnactcna	accannann	tnntatncnt	cncnnnnann	nnnncaaanc	nannnacncc	660
ncnnnctcat	ccannntncn	cncnnanann	tctnnnnncn	ctcaccannc	acncccnncn	720
acanactatc	tctatacnca	ccnncnctnn	nnannnnnnnn	nnccancnca	nacannnnnn	780
actcctnnnn	tannnaacc	cnnncnncnn	ntncnctnn	accanacnnc	cncnnnnnaca	840
ntantaccna	ncnnnccnac	nanancncnc	nnntcacnn	nnnnntntat	cnantnctct	900

nnetnnatnn	cnncttctna	n	nnccn	aacnnnnac	ccnnancn	an	antnn	960
nnactnnnn	ncatnancan	an	nnncat	atannacaca	cnntanacta	cn	acnatin	1020
cannnactnt	cncnannanc	tnncancana	natecnncnc	nnnnntcann	cnnnnanac			1080
netcancann	ancncntnan	ntncanann	tacnnncnt	nnnnanant	cactcncnan			1140
nnatcactcn	cnnnnncntn	nncccann	nnncnnncnc	anactcnn	cnntatactn			1200
ctncccttan	tnnnantcnt	ancnnnnctn	tcnncntct	netcantcnn	cncccactct			1260
atacnnctn	atntnncann	tnnnannnnc	ctcctctncc	ctcnacctnc	ntccacancn			1320
cncaentcnn	natacncnnc	cnantccatc	nacacnatca	ctctncacnc	acnctntcna			1380
ctactantnc	tectnaacta	canaccanc	ncnntnncac	ancct				1425

<210> 5018  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(794)  
 <223> n = A,T,C or G

<400> 5018								
ggccccnnnn	nttttttttt	ttaaaannnc	cccctttaan	aacnnggaaa	aaaaaccnc		60	
cttttttttg	ggccctnaac	ctttnggcn	ttcctttttt	tttgggcccn	gggggnaatc		120	
cccccnattc	ccggnatttt	cccgaaaaat	ttnccgggg	ccaaccggaa	ggcccagggg		180	
ggaacctggg	aatgggaagg	gggtnccttt	taaacaaaa	aaaaactntt	gttgggtngg		240	
gnccannnna	nnnananana	nanannnnnn	nnaaaaatcc	cttaaaaaaa	acaaaaaacc		300	
aaaaccanaa	aaaaaaaaaac	caaatttctt	tcattttccan	aaaaaaaaatt	attctttang		360	
gggacctgga	atattgggta	aattatgggt	caaantntaa	taatattttg	gggcatttct		420	
tacattgctt	gcaagataaa	atgctgtgcc	aaaatttgat	tttatttgga	gacttcttat		480	
caaagtatg	tgcaaaggaa	gctaggatag	agtgtccatc	cttgttgagt	gnttctaaaa		540	
tnntttctga	tgcatatttt	acttggtggg	gagagatgnc	cagctcctct	gtcttgaata		600	
acttattgct	tgtnncctaa	ctttgtagaa	tggttttcgg	aaaatagaaa	tctntatagt		660	
nagataatga	taatgttctt	attatattga	ctgcaatgca	ataaaatctt	tgntaaaaaa		720	
aaaaaaactc	gccctaactt	agtgagcgtc	nanancgctg	aagacattgt	gagtggcacc		780	
cactgatgng	gaan						794	

<210> 5019  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 5019								
gtnattctan	tnnancnctt	tcacnnaccn	ggtacccccc	ccgggtggaa	aatcgatggg		60	
cccgcggccn	ctctagaagn	cntnngtgng	tcacangntt	ntccccctat	ggcctcacaa		120	
agtgctnnna	ttatacgcgt	naatccantg	ngnntggcct	anagtnnnag	tanncatgat		180	
ttngcnnctg	ttnnngtctt	ggnttccaaa	ngnagnggac	ctagctgntn	atcaattntt		240	
ntgagctaaa	ctgnntagnt	ccannncctn	ntgatantct	ccntnnanna	tcgaggtatn		300	
actagattaa	ctnggnaacn	nacanggatc	anatncactn	ataatanacn	nnatnaatna		360	
nnctnacact	natecnncctt	tngtcnnata	tntgnanaan	caannnactg	aaaacntnta		420	
ttntttaaag	nnntncgnct	tnatgactca	gttnccnaan	gctntatnnn	tattntgntg		480	
tgtnnatatc	caanctnncn	nccnnnnctn	tgtttgtnnt	gctcntnncn	gtttcaaana		540	
gaataanaan	nctnntnnnt	nnctaagana	nacattcntn	agctnactat	ncnntactcn		600	



atnatnattn	tatgccaana	ngccnt	ccnatntat	nnctaaaaan	tnngncta	660
tatannacng	naccttnnca	taeggntn	taanncnngt	ntngatctcn	caatntcc	720
tataaanngt	gtntatacgt	tnactcccaa	tcttnccnta	cgtgaaaacc	ntntttctc	780
attnaatnaa	aaacgggtgc	taaaaanncg	aanntnacc	ttgctgctct	tcatcgnaat	840
ntatacnnta	tcntatcgna	tnttanncat	agaatncntc	tcttaaagng	cngncaatna	900
cnnaccntnc	gncttatgnt	gntngattcc	ccctctntca	naanncccna	aaanncc	957

<210> 5020  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(808)  
 <223> n = A,T,C or G

gtnttccttt	caaatngctn	ggctacttgt	tctttttgca	ggatcccatc	gattcgngta	60
gccgaccngc	tgctgtnncn	ggtgcttgnt	acgaacgttg	ccacnannct	gagantngtn	120
acnctaganc	tgnaaacntn	atngttnnct	gcctgnatna	ccnagnaggc	tnnnatactn	180
aagatngcaa	tnctgannaa	ncctgcntna	tgtncnnnng	tctctnanta	ccagannnnt	240
gannnnnttac	tggnttatta	gatggctatt	atctctaaat	tcnggatgcc	tacctggctt	300
ataacctnaa	ngaattnact	ggagnactcn	tntatgatnt	tctgcccacc	tgtgatnnta	360
cccatgaaca	cgctntggat	actgngaaat	atcggatnta	ntgccatcct	gcttnatgga	420
cntntnactn	agantaagcg	cntaagannc	nttaataagt	ttaaggccan	ngccnnntnn	480
attcttctag	naactgncat	tgccaangcn	aggtcaggac	atacctnatg	tagatgatgg	540
atgggtcaact	aatgacatnc	ctgacccatt	ccangngatc	accntccatt	ngaattgggt	600
cctagccang	atttgaagct	tgggcgctta	cggganaang	ncncttactn	tttggttaan	660
acaagttttg	annngttggg	naanttttta	acaaacgcca	tttggaacac	ttttaattgg	720
gngaataaaa	cttcccccg	gtnttgggaa	aacncggatt	gntgaaaggg	taatgaatgg	780
gtnnccctgga	acggnggtaa	ntttggaa				808

<210> 5021  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(788)  
 <223> n = A,T,C or G

cttaannaat	ncnttatcgc	ttggctactc	gttctttctg	caggatccca	tgcgattcga	60
attcggcacg	aggtactntg	agtgtttggg	ggttnnncac	acacatgcaa	ttntgcttaa	120
caaaagtatt	ntataatata	gnttcataca	gaattacctt	aaaagggagt	cttatgtttt	180
caactacaga	tagttgtaag	ggatcataca	gaagatattg	atgatagtgt	aaatattctt	240
agaaggggtg	tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	cnagcagtat	300
aaaataacctg	tgatttttct	ttacattagg	gataatgcat	aaggaattaa	tcttcatata	360
tattatcatc	cctaattgtag	catgggggaag	tattttaattg	cccatgatat	gtattttact	420
tatactatgc	catanaggaa	actataaagt	gattacacat	gtaatcttgg	gtttttcaca	480
tatgtaggta	ttcattttga	gcaagggtga	aagaacanaa	naaatattta	aatgaattga	540
attcctgatg	ggatagtatc	aataagtatt	taaaanccna	gtattctnaa	aatattcagg	600
ggtangggtc	atTTTTgagt	ttgggntttc	ttttncgaat	gggtaaatat	ttcaaaattt	660
aaanggggta	caattgggtn	ncctgtnggn	cctnaaaggc	cttttatttg	gggnaaccag	720
ccnttnngaa	tnnatngaac	caaggggggt	ttagccaatt	gccaaactcc	tataanttga	780

<210> 5022  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 5022  
 gnnctaattng nnggctatcg aactnccgna nanaacgngc ntncgaattc ggcacgagag 60  
 gttgctcacc tgaaggagca caggaggggtt ttccaggcca tgtggctcag cttcctcaag 120  
 cacaagctgc ccctcagcct ctacaagaag gtgctgctga ttgtgcatga cgccatcctg 180  
 ccgcagctgg cgcagcccac gctcatgac gacttctca cccgcgcctg cgacctcggg 240  
 ggggcccctca gcctcttgge cttgaacggg ctgttcatct tgattcaca acacaacctg 300  
 gagtaccctg acttctaccg gaagctctac ggcctcttg accctctgt ctttcacgtc 360  
 aagtaccgag cccgcttctt ccacctgggt gacctcttcc tgcctctct ccacctcccc 420  
 gcctacctgg tggccgcctt cgccaagcgg ctggcccggc tggccctgac ggctccccct 480  
 gaggccctgc tcatggctct gcctttctac tgtaacctgc tgcgcccggc ccttgccctg 540  
 cgggtcctcg tgcacctcc acacggccct gagttggagc ccgacctcta cgacctgga 600  
 gaggaggacc cagcccagag ccgggccttg gaaaagctcc cttgtgggag cttcaggccc 660  
 ttcagcgcca ctaccacct gaggtgtcca aaagcccga gcgn 704

<210> 5023  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 5023  
 gnnnnnnnnn nntttgttnc taatngcngg gtggctcggn ctttcncgca nnagcnnngc 60  
 nggtgcgaat tcggcacgag atttcaattc atagcaaact ggtgttttaa actattgcag 120  
 tagctggaac tttttagtgt aaccagcatt tattggagaa gtgaatcaca aggaaataaa 180  
 gatgagtaaa agcaaagatg atgctcctca cgaactggag agccagttta tcttacgtct 240  
 gcctccagaa tatgcctcta ctgtgagaag ggcagtacag tctggctcatg tcaacctcaa 300  
 ggacagactg acaattgagt tacatcctga tgggcgtcat ggaatcgtca gagtggaccg 360  
 tggtccattg gcctcaaaat tagtagacct gccctgtgtt atggaaagct tgaaaaccat 420  
 tgataaaaaa actttttaca agacagctga tatctgtcag atgcttgtat ccacagttga 480  
 tgggtgatctc tatcctcctg tggaggagcc agttgctagc actgatccta aagcaagcaa 540  
 gaaaaaggat aaggacaaag agaaaaagtt tatctggaac cacggaatta ctctgcctct 600  
 aaagaatgtc aggaagagaa ggttccggaa gacagcaaag aagaaatata ttgaatctcc 660  
 agatgttgaa aaagaagtga aacgattgct gagtacagat gctgaagctg ttagtactcg 720  
 gtgggaaan 729

<210> 5024  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 5024  
 gtnnctaata gngggctant cgttctttcc gcagganccc ntcgantcga attcggcacg 60  
 agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt 120  
 aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt 180  
 tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcttgg 240  
 tgcctttggg atcgactggg ttttaatggc ctagtatttt gaggattttg ctgtgttgtt 300  
 ttccatgtct tctctgggtca ctttggatta tatataaaaa tacaggaaat agataaacat 360  
 gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggcttttagt 420  
 gaataacttt acataacctc agtttttaac acatgcatat cttctccaac catgaaatca 480  
 aagcacggtg cagaacttgt accaagtaca aaagggtccat gtatgattag cattattttc 540  
 ttttgctttt gtttatggac aatgttcagc tgacataagc agaagttggc caaaatactg 600  
 cctgtactgt taatttcctg tataattcac ttaaataaaa gcaggttaac ctcaatgata 660  
 gcagttaaaa tgttctatct tatgtatttc ttttaagtat taccaa 706

<210> 5025  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 5025  
 gtnnctaata gngggctant cgttctttcc gcagganccc ntcgantcga attcggcacg 60  
 agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt 120  
 aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt 180  
 tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcttgg 240  
 tgcctttggg atcgactggg ttttaatggc ctagtatttt gaggattttg ctgtgttgtt 300  
 ttccatgtct tctctgggtca ctttggatta tatataaaaa tacaggaaat agataaacat 360  
 gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggcttttagt 420  
 gaataacttt acataacctc agtttttaac acatgcatat cttctccaac catgaaatca 480  
 aagcacggtg cagaacttgt accaagtaca aaagggtccat gtatgattag cattattttc 540  
 ttttgctttt gtttatggac aatgttcagc tgacataagc agaagttggc caaaatactg 600  
 cctgtactgt taatttcctg tataattcac ttaaataaaa gcaggttaac ctcaatgata 660  
 gcagttaaaa tgttctatct tatgtatttc ttttaagtat taccaa 706

<210> 5026  
 <211> 968  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(968)  
 <223> n = A,T,C or G

<400> 5026  
 gtaccaatgc tttgctactn gttcttttcg caggatccca tcgattcgaa ttcggcacga 60  
 ggcggacacc aagtctggac cacctcccgc tgcgttttct actcanagaa acatcnnggg 120  
 cggngttaan acacggnatn acnggaagca nganncnngg cancagcnaa gnntggggtc 180  
 ctggcnctgc nngctangcc aggatgncca tcccnccctt tanactgtcc cttgnggcct 240

gtgctnntna	aantggtnnc	n	ggcnct	gccngnttnc	cntattatnc	c	ctnng	300
cttctnaatn	ctttatgntc	c	ctnanan	naccttncta	tactgtancc	ca	cttnctn	360
tnaattnttt	ttcanggatc	tntnatattn	tnttncaaan	tcnncnatan	tnantnatta			420
ngtntnngan	ttncattcat	attaanttnn	antncattnn	netngttnan	nnttnttctt			480
tctnnnnngn	ttncnnmttc	ttataatnng	taatttantt	nnctnntatc	tacttnttan			540
ttctttcaat	cttnaatntt	ntttacatnn	nctnctcatc	cgnntttacn	nntntcattn			600
ttactctac	ctttctcntt	ctgtnttaac	ttactnatna	tcncttceng	ttntttatat			660
ntnattcnct	ctnctcataa	anctatctnt	nctctcnena	ttcttgactt	tcnctctccn			720
tctcttatat	ctctcgcttc	ctcncaatat	ntctctatcc	tctntcnttt	cacattctta			780
ttntncnate	nttcggnttn	tctncttntt	ctctcntaca	cnttctanac	ttctatnant			840
cttcaactcat	nncnctntnn	nntcnacatc	ttacnnnnng	tgettnttan	anntttannt			900
acatanenta	ntcctcta	ctatatntca	tannactcta	ttgettntnt	tctcnnaatc			960
acacnanc								968

<210> 5027  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 5027							
gnnnttnnnn	nnttttttgg	gtcttnegct	tgttctttnt	gcaggatccc	atcgattcga		60
attcggcacg	agggatcact	tgagcccagg	agtttaagtc	tgtattactg	gaaaggggtc		120
ccaatccaga	tcccaaacia	gggttcttag	atctcacaca	agaaataatt	cagggagcgt		180
ctataaagtg	aaagtaagtt	tactaagaaa	gtagaagaat	aaaaaatggc	tactccacag		240
gcagagcagc	tccttggggc	tgctgggttg	cccatTTTTa	tggnatattc	ttgattatgt		300
gctgaagaag	gggtgggtta	ttcatacctt	ccctTTTTaa	aatcatatag	ggtaccttnc		360
tggcattgcc	atggcatttg	taaactgtca	ccggtgcttg	gtgaaaagtc	nacanttgag		420
ggccaacca	aggnactctt	nattggccat	ctttgggttt	tggtgggatt	cttaccnngn		480
ttnttttact	gcaagctggt	tttatcatca	aggnctttat	ganctgnatc	ttgggctgan		540
ctccgatctc	aatctgncat	cttaaaacgn	ctnactgtct	nggatngtaa	ccccaatagg		600
tctnaaacct	tantttaccc	caacttctat	ttcaagatgg	aatttgctct	tggtttcaaa		660
atgccctntt	gacaagcanc	cagtnaacct	nttcancata	cccacttgga	ntttcaancc		720
tgggggtggac	aaaaaccaat	taccctnttt	tttaaaaaaa	aaaaaaannn	nnnnnnnaaa		780
na							782

<210> 5028  
 <211> 806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(806)  
 <223> n = A,T,C or G

<400> 5028							
gnnnttnnnn	tttttaangg	ctttggcttg	tcntcttagg	atcccatcga	ttcgaattcg		60
gcacgagtga	acttggtcat	tttgttttgn	ttgggaggaa	aataaacaat	tttacttttt		120
tccttttagga	gcattatgag	cattatgtca	gaatagaata	gaattggggg	tcgatcttaa		180
caggccagaa	atgcctgggt	ttttttgggt	tgttttttgt	tttgtttttt	tatcaaattc		240
tgcttgactg	tctgcttggt	ttgcctacca	tcgtgacatc	tncatggctg	tcacacttgt		300
cgggtagctt	atcagactga	tgttgactgg	tgaatctcat	gggacaccaa	tcnaanggct		360

gctgacattt	tgggatcttt	cttganc	attcanatcc	aaggtctcan	tcattc	420
ccngcatcat	tgnttataat	ctgaactct	gggccttctg	tctggnggcc	tttaaagctt	480
ttggggcata	atgcaacaat	tattgaagga	ggattttatt	ggagaaatgg	gggataggcc	540
ttcatggacc	ccccaatata	ttaaaggaaa	aactnaactg	cantgggggg	gttttgnaaa	600
aagggtattt	antaccttct	ttaaacnaat	tccttttttt	tttcanggga	cctttttcta	660
agcctggnat	tgnaaccggg	aacnnttgga	accctttctt	tttgaaaaa	aaccattttt	720
ccccnaaaaa	agggccccct	aattttttta	aaaatgggaa	tttaaccntt	tttaancccn	780
aacnnttaaa	antttttttt	tttttnn				806

<210> 5029  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

tgntnttcta	atgctggnnn	ctcttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagggac	tcagagcctg	ggaaggaggc	cgctatgcag	ggtagcactg	ggaacaggag	120
accacactga	ggctcagccc	tagccctcag	cccacctggg	gagtttacta	cctgggggacc	180
ccccttgccc	atgcctccag	ctacaaaaca	attcaattgc	tttttttttt	ggtccaaaat	240
aaaacctcag	ctagctctgc	caatgtcaaa	aaaaaaaaaa	aaaaaaaaact	cgaggcctct	300
agaactatag	tgagtogtat	tacgtagatc	cagacatgat	aagatacatt	gatgagtttg	360
gacaaaccac	aactagaatg	cagtgaaaaa	aatgctttat	ttgtgaaatt	tgtgatgcta	420
ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	taacaacaac	aattgcattc	480
attttatgtt	tcaggttcag	ggggagggtg	gggagggttt	ttaattcgcg	gccgcggcgc	540
caatgcattg	ggcccggtac	ccagcttttg	ttcccttttag	tgagggttaa	ttgcgcgctt	600
ggcgtaatca	tggtcatagc	tgtttcctgt	gtgaaattgg	tatccgtcac	aattccacac	660
aacatacgag	ccgggagcat	aaagtgtaaa	gcctgggggtg	cctaattgagt	gancta	716

<210> 5030  
 <211> 1206  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1206)  
 <223> n = A,T,C or G

nggggncgat	ttttcnaaaa	aatntcccn	ggngaacggg	gncaccttgg	gggncancnc	60
cangaaccnn	ttttgcnaaa	aaccnnttt	ggcncnaana	nnaccnngn	nnancgncct	120
accna'ncga	anccnncncn	acnccannng	ganccnanac	accgncntc	nntntaccan	180
actanatenc	ncntaaacna	cacnaancng	cacnnacanc	accacccgta	tggtaacnnc	240
nccangcacg	agcacancac	mncnaanagc	ncgccactaa	cggggcgggg	cna'ncgata	300
canannnacc	nagnaancnn	acaacanacn	ctacacncga	cnaacaancn	nccagntncn	360
aanccgccag	acnccccann	tcangnacaa	cncccnccac	accacccaga	nnagaccacn	420
tcccnncna	ccaccnnaac	nannnaa'cn	accctncatc	angaaccncc	caannncnnc	480
cna'ncaccc	nacncccccc	cannccacng	ncnancnnaa	nagacaccca	ccccacacc	540
ctn'ncncna	anaacacntn	acaccaccan	ancacaacaa	naaccntncn	ccannacnnc	600
nanannnnnc	cacacnnc'cc	nancccnctn	nccaanccac	accn'ncnnc	nccnacncna	660
ancacnccn	anctncactc	nacancanca	cnanccccaa	tancacacca	nccaccacca	720
aannccactc	acacncanac	tatacagcng	acnnnaanca	cctcanancc	nnnccnccnn	780

cnacnncctc	ncnccaccca	nacaga	ctcanctncc	agcanncacc	nccnnc	840
tnnctcnnnn	acancacnca	tnnccanccc	ncancgnnca	caccncacca	ccnnacncc	900
aatncccacc	cacatccnnc	cncnctctct	atancaancn	cccaanccga	ccgactncan	960
ctngctcacg	canacatcnc	gncgcncntn	cnacactanc	nacnncnacc	tnactctnac	1020
natcgcancc	atcgntccnc	ncnnnancaca	nnnnannng	annatncnnc	cctccacata	1080
ccactacanc	atnacngcn	ccnnnatcnn	nacatcnacg	ccaancncca	cacgaaccnc	1140
acgcntaacc	atcacgacna	ccccaccacg	acnngctaah	cgacnacnct	atccaagcnc	1200
tncgcc						1206

<210> 5031  
 <211> 750 --  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 5031						
gagnnngnnn	ttnnngnnagn	nnnnnnngnn	nnttnnaaag	ncagctcttg	ttctttttgc	60
aggatcccat	cgattcgcg	gttttttttt	tttttttttt	tatatatact	gcaattttat	120
ttcaatcgca	caaacgaagt	tagcatgtag	gaaacttaaa	tgaaacaaat	ttaaacgaaa	180
tagttacggt	aaaaatagca	gaaaactgaa	aattctaaaa	aggaagtaca	cctaaaagca	240
tgagaattca	acattcatta	gtgtttcatc	ttcagttttg	attgacactt	gatgcttgca	300
aattttttaa	caaactttta	aatcatgatg	actattctga	agagatttca	gcaccagcac	360
taagatttgt	acattcagtt	tgtttgcaat	tgacttggtga	gccatttaca	tagtggatag	420
tacagacttg	tcacagggtca	gatcacagtg	ttgaggaaaag	cagtgccttc	ctgtcattag	480
aaaggatccc	ctaaactgtc	tcagcttaag	acatccaacg	tacaagagca	caaaaccatc	540
ataataatgt	ggttccaagg	aacgtgggtt	tgataaggta	aataacttag	gcttctgttt	600
cccattttta	ttctgaaatc	tctaataatg	acacaactgt	catgtatgat	agcaaagtga	660
tataataatt	cattcagact	tcttggaag	aacatttagc	caatctggga	tgatgggaaa	720
tntagcatga	ttcaacactg	ggtttttttt				750

<210> 5032  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

<400> 5032						
gtntttnaat	ttccaactct	tgtctttgcg	gaccctcgat	tcgaattcgg	cacgagggcg	60
ggtcctggct	tcctaaaga	taattggaag	acttcattgg	attgatagag	agaaactgcg	120
taatttcatt	ttagcatgtc	aagatgaaga	aacgggggga	tttgacagca	ggccaggaga	180
taaggatatga	aaaggatcca	ccatatctta	tttggaattg	ctggattgca	cttttgggag	240
aagaacagat	taaacctgtt	aatcctgctt	ttgcatgcct	gaagaagtgc	ttcagagagt	300
gaatgttcag	cctgagctag	tgagctagat	tcattgaatt	gaaagttgca	tagtatagtt	360
ttgccatttt	aacatttctg	natttgaaag	tgcttatccg	aatctaaaag	tgactactgg	420
taatattttg	natattgggt	taaattaatt	ttaataaatt	atataattat	acatattgga	480
aagcctctta	gaactatagt	gagtccgtat	taccgtanaa	tcnnggacat	ggattaggat	540
accattggat	gaagtttttg	accaaacc	caacctngga	atgccaatgg	aaaaaaaaat	600
ggcttttaat	tttnggaaa	attttgggga	aggcctattg	cctttnaatt	tggtaaaccc	660
nttttttaan	cctggccaat	ttaaacccaa	ggtttnaacc	aanccaancc	naatttggcc	720

atttncaatt tttaaagggg t tcaaggg ttccangggg ggaaagggtt t tggaaag 780  
 gggtttttttt naaaatttcn cggggccccc cngggngcccc 820

<210> 5033  
 <211> 826  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(826)  
 <223> n = A,T,C or G

<400> 5033  
 nnctngnngt tctaattgctt ggngnncttg ntcgctggat nggatcntnt cgttgccttg 60  
 tnnactnggc nngacnngnn tctgcncngc cgttgannca cgnnntantn cnccaaangt 120  
 anatgatgtg gtatctnatg tcncnactna ngnttngaana aaccaaaatg ncctnacntc 180  
 gnaganaccn tgtcncnant nggnnatncn caattnttcc aggcntgann nncctgcct 240  
 gnnccnncnag ntacncanta ggcctaagca gganactnnt ttntacccan nangtgtagg 300  
 nnnnggtgac ccnatanatcnn gctnctgnac tcnggnctgc gtgacatagc tagactctgt 360  
 ctanantca agccctcaaa gctngaacgt nttatacana ccctgtgtna attcngangt 420  
 gaaacgctgn tgcctactgn aaatggggat ttgggttagc gatnanatag gctaaatcac 480  
 nttntnatac gtgatcctng ngtananttc tgcccgaatn ggtngtacgc ntatannaan 540  
 atanttcntt gttngatanc atcttcctac cntananttt ctngaaaaan aaagtttggn 600  
 ttttgacnan cactnncacn atgggnnttng gttgggtgcc tgcttgcttg gtttgnaatt 660  
 tnnagcccn taanaanact tnttnngngt nctggaatan ccgtnnnatt ccnngacatc 720  
 attntagcn tcnttgntt naantggggg nnannaccna nttgttttna attcngantn 780  
 aangaaaaat gcccntnttt nncgaaatnt ttttgtggnc ctttnc 826

<210> 5034  
 <211> 826  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(826)  
 <223> n = A,T,C or G

<400> 5034  
 nnctngnngt tctaattgctt ggngnncttg ntcgctggat nggatcntnt cgttgccttg 60  
 tnnactnggc nngacnngnn tctgcncngc cgttgannca cgnnntantn cnccaaangt 120  
 anatgatgtg gtatctnatg tcncnactna ngnttngaana aaccaaaatg ncctnacntc 180  
 gnaganaccn tgtcncnant nggnnatncn caattnttcc aggcntgann nncctgcct 240  
 gnnccnncnag ntacncanta ggcctaagca gganactnnt ttntacccan nangtgtagg 300  
 nnnnggtgac ccnatanatcnn gctnctgnac tcnggnctgc gtgacatagc tagactctgt 360  
 ctanantca agccctcaaa gctngaacgt nttatacana ccctgtgtna attcngangt 420  
 gaaacgctgn tgcctactgn aaatggggat ttgggttagc gatnanatag gctaaatcac 480  
 nttntnatac gtgatcctng ngtananttc tgcccgaatn ggtngtacgc ntatannaan 540  
 atanttcntt gttngatanc atcttcctac cntananttt ctngaaaaan aaagtttggn 600  
 ttttgacnan cactnncacn atgggnnttng gttgggtgcc tgcttgcttg gtttgnaatt 660  
 tnnagcccn taanaanact tnttnngngt nctggaatan ccgtnnnatt ccnngacatc 720  
 attntagcn tcnttgntt naantggggg nnannaccna nttgttttna attcngantn 780  
 aangaaaaat gcccntnttt nncgaaatnt ttttgtggnc ctttnc 826

<210> 5035  
 <211> 848

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(848)  
<223> n = A,T,C or G

<400> 5035  
gnnnnnnnan atcagctcct tggtcttttt gcaggcagga tatccnacgc taattctgca 60  
cgcacgaggc taagggttaca nnagnatgng ttnccttgat nacagggtcac tctcncaaga 120  
tgcgctnnct gcagtcagnt gcataactng tnaaannacc nganatagna ccanctttat 180  
atgggtatgac agtgtnnnca gtgggagcaa nggtgggtcca tagcctgcct atnatatcac 240  
cnatatctgt gaacacactc atngcagant cagggncagc natctgntna atggacttgn 300  
attatgtntg naccntngct tncgtngac ncngnntgag cgcaactttc cttanggacc 360  
ttanggnacc nnnntnaacn tactttncan atgatggnnn ttntgtcaat cccggatngn 420  
tncacggtnn cnnatggcna aagnncncac ctttatntna cacgttgaca ttactttacg 480  
acnctagtca cactnttgga ctccattgtc cacatncctg ntntatgana acnttaaggt 540  
tttactttac aananntnna ccntggcntt ncaaagtatn mnccctgcng acctttcatt 600  
ngcaagggnc ctanactttt tgcattngaaa aatttttaggt aaagttgctt ttccgctttt 660  
agngcccttt cctaggggta ttaatttggtg tggggntcct tnccttntac tttcccttg 720  
gccccgnttt ttcnccnttn nggaaanccc ccccttaat tnncccccg tgnttttncc 780  
ccncccnca aaaccnggc aaaattaaag gggggggaaa attgccccct tnntttaaag 840  
cccgaagg 848

<210> 5036  
<211> 715  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(715)  
<223> n = A,T,C or G

<400> 5036  
ngnnmnttna aanatacagc tggtcttttt gcaggatccc atcgattcga attcggcacg 60  
agggctatta aaaaatgtaat cagtgtgaaa attcatgccca tctgaatcgt acgagtatgt 120  
aagggtattg agttccttac agaattttct gtaatttagt acttcaagtg acttataaat 180  
gtatatactt ctctctcaca aaagtgttag gagaaggaaa atcttaaata ctagcttgat 240  
ttcttaattt aataacaaaa aacaattctc ataacatgta tcacctaaaca tgtcactttc 300  
actttaaaaag tctaaagagt tgagggttat ttcttttctt ttaaagttga tgtttatgtt 360  
ggtgatttcg aaaagatcag atccccggt atgaaggatc ttaaccttgt ctttttagatc 420  
tccatgagaa atgcagtaca tgtagcatta gccatatttc ttttttagag gcctatgtag 480  
gatatttata acctgtaaaa gtttgatgac ttcatgctca ggagaaagca agtaattacc 540  
tagccaagcc aggtgggtgt tcagggttagt ggtaaacaga aaggagatgt tgaaagattt 600  
catatctaaa gggtaaaaac acaagagaag tatatagaga taaacatgta aagtataaga 660  
ctgntacata gtaagctcct ncgaagtggc agccattggt attatttttc tgcng 715

<210> 5037  
<211> 758  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(758)



<223> n = A,T,C or G

<400> 5037

tgtttttgat	cnagnnctct	tgttcttttt	gcaggatccc	atcgattcgc	ggcgggtgctg	60
gcagctgctg	tagcgaagag	agtttggcgc	gatgtctcac	accattttgc	tggtacagcc	120
taccaagagg	ccagaaggca	gaacttatgc	tgactacgaa	tctgtgaatg	aatgcatgga	180
aggtgtttgt	aaaatgtatg	aagaacatct	gaaaagaatg	aatcccaaca	gtccctctat	240
cacatatgac	atcagtcagt	tgtttgattt	catcgatgat	ctggcagacc	tcagctgcct	300
ggttttaccga	gctgataccc	agacatacca	gccttataac	aaagactgga	ttaaagagaa	360
gatctacgtg	ctccttcgtc	ggcaggccca	acaggctggg	aaataattgt	gttggaagca	420
ctgggggggt	tgggggtggc	ttggaacaca	ggtgtgtaca	gcgtgctgta	atggaaagtt	480
ttgnatcata	gtaatcctgt	ttccactttg	gtatctctac	ccagattgac	tgtattagat	540
gaaatgtgan	gatcttggtc	aatcggaac	cccgtacctc	ctcttttctt	tctctttctt	600
tnntttttac	ttaacatttt	atgatgattt	anatggaagt	ggtctttngn	acttaatgtn	660
ggttccagnc	ctttaactgg	tcaaaattta	ctttttacan	tnacattctn	aacctttttt	720
aaanaagggg	ntgggggggtg	gnaaatgcnn	nttaacct			758

<210> 5038

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 5038

tnntggaang	tgtagncttt	tttttgggaa	aaaaaanccc	ccnttttttt	nggggggggaa	60
naggtntncg	gggnntnttn	atancnaata	cncnatTTTT	tgaanaaaan	naccccttnt	120
canggggnaca	aatatnctaa	attnacatct	acatnnnaan	caaattatnt	ncatcnnatn	180
ggacncatan	tcgacacacc	atntntntnt	ancacacgtn	naacatacat	ntccaccacn	240
ntnaanatac	ctctctctcc	anttnncann	cacnncctt	ctnntaatac	antacancnn	300
gaacccccctn	tcgngggccc	natntatatn	anaaancacn	ctaccatan	atcacacnnt	360
ataatnatca	tncnncatac	ncannctcnn	annccaaatg	atgcaatnan	naccacanac	420
tncnntcaat	ccnccanaa	tnttacnccn	ananccnngn	ttannncanc	atacncaanc	480
cacnaccana	tnctncnncn	nacnnnnncn	ncnannannn	ccancacnnn	nannnnnnna	540
aannacannn	nannnannca	tncttctnaa	tatanncacn	anaannnnnc	anacnacaac	600
cactcnrigac	tcttaaactn	cntananaca	ctncantnnc	cccaagacac	anntncnnta	660
agatggacna	cctnntaaac	atcnacacct	agatcnatnn	nngnccccaa	nctanaactn	720
tcaatccntc	cagcnaactt	caactnnnac	nacctnanna	aaatctncgc	acacnccnat	780
nncacctnac	ntannnaann	tacaccctnt	ctatnanata	ctcacannnn	tcnctnttta	840
tatcaanntn	ttntcantaa	aaaccacggt	naatatcacc	naactcnent	atntcnaata	900
agtacgtca	cactanacan	acatatatat	ctacantttt	cncnnacnca	acanctatng	960
cnacaggant	cnncacngt	anaacacctc	actatcaaaa	tngcnancgt	atcacnacng	1020
cnannagcca	tnccntacga	cntntgncaa	atcgaaacn	ntntaacaan	anatnanatc	1080
tnctnnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattcccac	1140
nncttanntg	tnccacnat	aaccgnaatc	nccnnaaaca	catggnaana	tccccactan	1200
tcgnatccca	cncttcaaca	cnaagancnt	accacnntac	gtanacnaaa	gancttgggg	1260
tnnaaanata	cttncccc					1278

<210> 5039.

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 5039  
 ngnnnnntttt nnaanaccct nnctacttgt tcttttgcag gatccatcga ttcgtttttt 60  
 tttttttttt tgactcttga gtggatttta tttttgact ccaggatgca gtgaagacgg 120  
 tggaagggttc atcttcacac cgagggccct cagtgtcgag gtgactcccg gcctgaggag 180  
 ggctgaggca tcctgaattt tgagagttcg aggttgagggt ctaanaagggt gtacgtgctg 240  
 taagtcatga tgctgcaggt tctttaggt agtgttgca aacggctcaa caggcactgg 300  
 ggctggctcc tgtgtgccgc ctcggtcgct ccctgcgcng ntgcatttn catgggctcg 360  
 ccctnggcct aanccttaac gctgctggct tttcatggaa acccngggta tttttcaaaa 420  
 gaactggctt cnaattgctt ggtggnatct gatctttcac gaatggctgt ncaccttcaa 480  
 gtgggcttct attcctgctt cctgaggttt cctttntggg caagggaagg ggcccccttg 540  
 cncttgggct tttggcaccg ggttttttnc natgcccctt ttgncggccc caagaagaac 600  
 ttggctttgc aacttgnccc ttntggttnt tggncctttt tttggccaac acaaacaagg 660  
 ccncttggg ctttgcctt tcgggngggc nccaaaacaa anccctgaat ttttgtggtg 720  
 ggacaagggt naangggctc cctttnaacc tttcaaaaan gggctttttg ggcttttctt 780  
 ttttaaccnaa tttcna 796

<210> 5040  
 <211> 1308  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1308)  
 <223> n = A,T,C or G

<400> 5040  
 ggcttnaaac ctttgaacnc gcttattcng cgggtccannc ttngncgngn tacnggtang 60  
 gctgngnnta ggcnttncat tgcgangcng nccccnnngn gnnncnnngt tgancnnng 120  
 ngncngntng gntnagnngc tacnaacttn gaancganca gnnnnnggcn ttntgggccc 180  
 ccactgccnc gaggnntcca nncnctagtc acccnnngng tacccttagc nncncttggn 240  
 tctctngca ccnnntcnta gaaaatnccc nncnnnannn gncttcttna gtgggtaann 300  
 tccngttntt tcccccnnt ggggnncttt tngtgcgcac atngcatcat tacctntngn 360  
 nnagtcnta cactnatann tctggnnccn naannancgt atcgtntctnt agttntctnt 420  
 gtgtcgnnnc tagnnannng tntanacgca tncnttgnnn natgannct nctcnnngtn 480  
 atctctcatg tngcnctcnn agcnnacgct ctctatnngt ananncatct cganatcncg 540  
 cantntaata tnacgganana tcgntcntnn anntattnta nntncangca cttcntatgt 600  
 atatnagntg cgtancgtnn gannantnac antgcgacta tancatcngg atagtncttn 660  
 acntcnnana tctctgcna tangtnctnat actcngtata ngncnctcta tatntaacan 720  
 agngtangtc tntgcgtacc tcnncnnngn tctanncttn ggggtattcat natnncaccn 780  
 tntagtnaac nttacncgt gattnatnta nccnnattcg tgtnananga canannncct 840  
 natncaangn nntacgtatn gcacatanct atgantncc tagatngntc gctcaactat 900  
 cggcaancct tncataagnt gtannntnan antnatgtag tctnccgtgn ntngaccgct 960  
 atntnnntcg tanctacnnc atccacnnaa ganannnttt ngtnngntnn ntatngctca 1020  
 aanntnggtg ttctnaatcc cccntctcnt ttntntgnan agtntgcnan agttantcgg 1080  
 nngngtagcg nntntacccc tatnggagag gnttctnant tatgcgacat cncannnga 1140  
 nnnngnaann acggcngggg gnttcctctc tggatntatn ctctantctc tngcacgnnc 1200  
 nnggctttnt canatnaaat accntgacnt ntnggtgann cattngnnac naangcgctg 1260  
 tgagatagnn cccnntagat aagtctatct gtatgctnnc nccanccc 1308

<210> 5041  
 <211> 776  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 5041

gnnnttnnaa	nncnnggtt	ttaganaggg	cngcaggttc	cccanacaan	ctcnntgcaa	60
gancggtagc	attcattacc	tgttttattct	ctgctgcatc	ttacagaaga	gtaaactggt	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttctnaat	240
gaaaaanaca	tatngagaat	tgntctaata	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	ggtgcatgta	360
tgtnacagct	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgctgca	tgaaaagtgc	atgggggacc	ctgtgcatct	gngcataatg	gcaaannngnc	480
ttanaagggc	cgancggaag	atcnatncng	acntgacngt	tgantgttca	ggagctgacg	540
acgaggggat	acagcggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggagc	cacctttaa	nntgnngatt	nacacaactc	cntncagga	atngngttn	660
nccanncng	acnttattcc	cagagtgtcc	cagtattagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnacccaac	ccaaatttga	ngcgan	776

<210> 5042

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1105)

<223> n = A,T,C or G

<400> 5042

gggggncggn	natnaanngn	tnggaaactn	atcncangat	agcgenggat	tcngantggn	60
ttcgaaaacn	ctncntnncg	atttnaaata	aaatnttttt	cntntttccn	ctgagganca	120
tnttgaaggg	nccagnngnn	aaanaataa	gnatnnnggg	ntcaaactct	ancaggctca	180
naaatgcctg	nggttnnnnt	nggttcnttn	tngctntccn	ctcnatatac	anactctgcc	240
ntgaentggn	nnctcntn	ntcgctnnc	catcmtgac	atcnencatg	gcatgtanca	300
acctnncnn	gntannntt	aaacnacact	tgnattgtct	gnantgttng	aaatnaaca	360
atngcaaccn	cccantnnna	nngggcnngn	ccagnncaan	acttgggnann	ctntcanna	420
tnatccntn	ccntntncc	cncatngtta	ntcaacttga	taacatttca	nnncnganc	480
tttatatntg	nntnttgn	anngnntann	tancntcncn	ngnanccann	tagagatnnt	540
ggtgcngnnc	tnccataaaa	nggtntctatt	tgctnncaacn	ntacatcagc	ctantctna	600
atnttttagta	caggcnacgg	gaatatttcc	ncnngngnga	caaaatattc	gcnngganat	660
nagntntttt	tngnncngng	taccccatcc	cgannattat	actnntnnat	angngatnta	720
aactctataa	agtcnatgtc	ananntantn	aggngagtct	nnctgnaaa	anaaangnng	780
ctcatgatct	ctcnntatnt	atnnnatcnc	tcnanncta	caatctntan	ccanttnacg	840
ngcnnnatta	nnngngggnc	anattncacg	tgctcctcta	agnccentgt	gtctananac	900
nganncntng	nantcaancg	cnanagngcg	acacnccgat	actaantntg	nacttcata	960
ccaattantn	atgtntcatn	ncccagacatt	aatnagggtc	nnaattnta	naatcaatgt	1020
ctnnncacna	natcngncgt	attccaagnt	natatntntn	aagnnaccnc	tctagcncnn	1080
ananncaactt	tnngtctgtnt	angcc				1105

<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 5043  
 gtctaangna ncagctactn gttctttttg caggatccca tcgattcgaa tncggcacga 60  
 gcttccttgt ataatactga tcattctatt ttagcggtaa gaaccaaga aggagtatgg 120  
 atacctgtaa agctttctgg tccttgggaa gcctctcctt ctgtgcatat tattactgaa 180  
 attcttcaaa agattctgag atgctctcag tgtttcattg ctactttaat tttaatcatt 240  
 atgggattga ttgctgtcac agctactgcc ggggcanctg gagttgcttt gcatttcaca 300  
 gtncaaacag cagactatgt aaataattgg cagaaaaatt ctactttgct gtggaattcc 360  
 caaactaata tggaccagaa actagctaata caaatcaatt atctncaaca aactgtaatg 420  
 tggctaggag attgagtagt tagtctagaa tatagaatgc anttacaatg tgattggaat 480  
 acttctgatt tttgcattac tcctcatctg tataatgaaa gacagcatga gtgggaaaga 540  
 gttaagaaac atttgaaagg tcatactgga aattnacttt agatattatg caactgaagg 600  
 aacaaatatt tcaatcttct ctggcacatc tgacactaat gccaggaact gaagtgcctg 660  
 aaggcgcttc anattggataa cagctattac ccattaaaaat ggatcaggac caannaaann 720  
 aaaaaaactc cgagccttta aactttgngg agtcnnttc 759

<210> 5044  
 <211> 1444  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1444)  
 <223> n = A,T,C or G

<400> 5044  
 ctctcncnnc nnnncnnntc tctnnnnntn nnnnnntnntn nnnctcnnnn cnnnatctnn 60  
 nnnncnctnn nnnnnentnn cntcctctct tntntnngct ctentntctc ntncatcttn 120  
 ccnctattnt cntnnntntc nntcctcnnn antnctnnnt tctnccnnc canctntcca 180  
 tnntntactn tcnntnntct ggctntntta tntggggggt ctattntntn ncttaaactg 240  
 actngttcca agtctcttan cngcctctnt ctnnctntct ntgcncnncn ctggggcntt 300  
 aattncccn gctntttatan aagngngnaa ttaaggnttc nnncttanng cnttgcaagg 360  
 ctaatgnnta gatccngnta gaanncgnta catgttgagg acngacanct tncctgcncaa 420  
 agngggctna ggcanngnnn tntgcaaann ctcnntntntc nnnacttggn tcnctgagan 480  
 cggnnncccc tgaatttttn ancnnnganc nttaaantnt ntngnggtac gannccnncn 540  
 ncgnnnnnnc gnntannccn canngttaan tgcncnncna nnnantcaac tctntntctc 600  
 tnntnnaacn nnnntantct annatnntta cnnntnagnt tttctctnct nacnctctg 660  
 tnctntntnn atctntntct tctcncctna tttntatctc ntntntntnc tncctnate 720  
 tatctnctac nctctnttcc ncttctccct nncntctctc atcatatccc acgcnactna 780  
 nccccctnn ctcttacctn nntnctctcn tcntatctcn nnaccctctt tctntntctt 840  
 atnncncta tctctactt attctctctc tntntncca ctcacccttc ntntntctnc 900  
 nctnntcttn tntatntnt actntcncta ttcctnctc tctnntgnet cccacccct 960  
 ctctctctcn ctctcctnnn nnnactactc tcaccntctc nntntnct ctacnnntnn 1020  
 anantcctt antttctnnc tcatcacant actcttccct ctcantntca nantcaantt 1080  
 ntntctcac tctaccactc tntnctccac tcatatnana cttctatant nctaatccta 1140  
 tcttcttaaa cntctctct tctnctctc antctctct cntcgtanc tccnntncaa 1200  
 ctcgnaaatc tctccaatnc tncctcactc taaaaatnnc nntcngant cccacttttc 1260  
 ngngcanaat nnaacnncn tcnctcctt ttagctatct ctctanaaac cccntttctc 1320  
 aacaggnacc nccctntntc tcnaaatcct catnctncta ctttatatnt cnccaagcct 1380  
 cncctntgta anagcatctc nctntcnc ccatnnanac tccctnctcc natanatntn 1440  
 anat 1444

<210> 5045  
 <211> 1027  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1027)  
 <223> n = A,T,C or G

<400> 5045  
 agngnttccct tccccctttt atttngaaaa annnggcgcc tnnttcnana attggccact 60  
 ttttcctggt ccnnggggaa tnccccaata cgcattntcg gnaaatgtgn cgggtcnacc 120  
 gatagtccca aaacctctgg ggccattgca aaaaggggnc cccangggnc gntcttaaa 180  
 ngnatttntn ttttataccc tnnntnggng gacannctgc cagntctaata cnaancgggt 240  
 gngattattn gggggngngnc acccttnngn cncnnataat atatnnnggc tccncatgtg 300  
 anggcncnccn ccatangnag tntatncncc tcactataat tatcntantc anncgcaaca 360  
 antntatacn ngtngtatac nttgaatnaa gaatnccact nntatgctac gantatnnnn 420  
 ntngtcnnnn ngntgntntn nntnaantc nntnactact tctnctgna cnaantant 480  
 cgnacntnca cncctnccn tanatntgnt anttnanctc nnnnctcnc tngnnntcn 540  
 tnacnngacn tanntnnatn gnnanntaan anactnannn taannannnc nnnntnttt 600  
 cntnnttcta cgnctnccn ncnncnaccn nnnntcnntn nctanactct nttnnnnnn 660  
 nntantnnnt cncnnaccnc tgatntattn cctcantatn nntnnttct nntnnnnntn 720  
 ncgctnnacc atacnannac nacatnnnan nntgatntc ncnntanctc ctncnccat 780  
 tcnncatgnc ntntnnntat cctctcanan naanatntnt nnntgannta cgntgtatgt 840  
 ctncctcncg annataccnc atcntnncta ctagatacca cnannnctnt acnntnncac 900  
 ntntcnatat nnantatant ctncctacntc ancnanctct ngntntatct gangacacat 960  
 atntcnngat nacactgntc caantnaact cnagnnnnac canggtcatc gacnctatnc 1020  
 ncncccc 1027

<210> 5046  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 5046  
 ncntntttcc tctcnaatcg nttggtgttc tttntgcagg atcccatcga ttcgggtcta 60  
 cagtatgtag aagcagcaag ttagtattaa tgatgatggt accttggttg atggtcgacc 120  
 aatagagtct ctgtccctga tagatgccgt aatgcctgat gtagtacaaa caagacaaca 180  
 agcttataga gataagcttg cacagcaaca ggcagcagct gctgcagctg ccgcagctgc 240  
 agccagccaa caaggatctg caaaaaatgg agaaaacaca gcaaattgggg aggagaatgg 300  
 agcacatact atagcaaata atcactactga tatgatggaa gtggatgggg atgttgaaat 360  
 cctcctaata aaagctgttg tgttgcgggg ccatgaatct gaagttttta tctgtgcctg 420  
 gaaccctgtt agtgatctcc tagcatcagg gtctggagac tcaacagcaa gaatatggaa 480  
 tcttagtgag aacagacca gtggctctac acagttagta ctagacatt gtatacgaga 540  
 aggagggcaa gatgttccaa gcaacaagga tgtcacatct ctagattgga atagtgaagg 600  
 tacacttcta caactgggtc ctatgatggg tttgccagaa tatggactaa agatggtacc 660  
 ttgctagcac cttagggcag cataaaggcc ctatattgca ttaaaatgga atacgaaagg 720  
 aaattcatnc taaatgctgg attnacaa 748

<210> 5047  
 <211> 825

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(825)  
<223> n = A,T,C or G

<400> 5047  
gnnnnnnnnn ttttnaaagn ccagctcttg ttctttntgc aggatccctc gattcgaatt 60  
cggcacgagc agaaaagtta ctgcagctta aacaggaaaa cccttcttgt tcaggactgt 120  
catagccaca gtttgcaaaa agtgcagcta ttgattaatg caatgtagtg tcaattagat 180  
gtacattcct gngngtcttt tatctggtgg tagctttgtc ttttctttt tcttttcatt 240  
acatcagggg atattgccct ggaaaattgn gggtagtggt acccaggaaa taaaaaaatt 300  
aagggaattt ttaacttttc aatatttgng tagttcaagt tttctacatt ttaagtncca 360  
gaaactttta caaaaatgcc agtttcgaaa ggtgtttcct tgnngaagtt naccaagtta 420  
aaggaagatc attgggtaaa ttactatttt tggnatggaa attttgctna aagttnactg 480  
gtaaaaggaaa cacctgctga ctttgcaagt ttaangggga atctattctt cccattttcc 540  
aaacccatgg atatggaatg gggcccctga ccatgtggga agaggaattg gataatttgg 600  
ggtggtttgc natggggtgg ttttagatna attgggattg ggtattttta aaattaacca 660  
tttgngggaa nttnaatagg cttttnaaga atancnttn aaaatgnaa aaaaaaatct 720  
tcnaaaaatt tccaaaaaaa aaannnnnaa aaaacctcna nggncctttt aaaacttntt 780  
nnggaagtcc nnatttacct nnnaatnccc gaccntggat naaga 825

<210> 5048  
<211> 707  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(707)  
<223> n = A,T,C or G

<400> 5048  
cnaatgctgg tngctngttc tttttgcagg atcccatcga ttccggggcta gcctgcacgc 60  
acgccaagat ggagctccag gctagccac agaacagccc agccgcagcc gtcctaccag 120  
accagcacct tgtaaccaca gtctaaccac gccggcacca ggcggtgaga cctcctgccg 180  
ctgccagccc aggatagccc ccttgccctt tgcccaaggc tcaggctacc ccttgaggcg 240  
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa 300  
cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct 360  
ggtctgctgg tgctaccagg cttgaacagt cttcaaatcc actgctatta ggcaaattac 420  
ctggctcccg ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat 480  
tggttgaaca aatgattttg aaagaatgaa tgtcttctc tgtgcctgca tttcctcaga 540  
aggctgtaac aaagattaaa taggaaaatt cgtggaaaagt tcaaaaaaaa aaannnnnct 600  
aanantcatn nnannnnang agnntnaaaa aaaaaaaaact cgagcctnta aanctntagg 660  
gagncgtatt acgtanatcc agacatgata ngatncattg atgagtt 707

<210> 5049  
<211> 762  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(762)  
<223> n = A,T,C or G

<400> 5049

ngnttttaaa	tcagctctng	tccttgag	gatccctoga	ttcgaattcg	gcacgagaga	60
acacaggtgt	cgtgaaaact	acccctaaaa	gccaaaatgg	gaaaggaaaa	gactcatatc	120
aacattgtcg	tcattggaca	cgtagattcg	ggcaagtcca	ccactactgg	ccatctgac	180
tataaatgcg	gtggcatcga	caaaagaacc	attgaaaaat	ttgagaagga	ggctgctgag	240
atgggaaagg	gctccttcaa	gtatgcctgg	gtcttgata	aactgaaagc	tgagcgtgaa	300
cgtgggtatca	ccattgatat	ctccttgagg	aaatttgaga	ccancaagta	ctatgtgact	360
atcattgatg	ccccaggaca	cagagacttt	atcaaaaaa	tgattacagg	gacatctcag	420
gctgactgtg	ctgtcctgat	tgttgctgct	ggtgttggtg	aatttgaagc	tggtatctcc	480
aagaatgggc	agacccgana	gcctgccctt	ctggcttaca	cactgggtgt	gaaacaacta	540
attgtcgggtg	tttaacaaaat	ggattccact	gagccaccct	acagccagaa	gagatatgaa	600
ggaaattggt	aaaggaagtc	agcacttaca	tttaagaaaat	tgggcttcaa	ccccgacaca	660
gtancatttg	ngccaatttc	tgggtggaat	ggtgacacat	gctggagcca	agtgctaaca	720
ttgccttggt	tcaanggatg	gaaagtcccc	ntaaggatgg	ca		762

<210> 5050

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5050

tgcttgctct	tgttctttat	gcaggatcct	antccccnt	ccnggnagga	ggnacagtt	60
actgactntc	cgcagacgt	ggtgctcttt	gaagggatcc	tggggcagaa	tgaggtggac	120
tatnnccaga	agcaggtggt	catcctgagc	cangatagct	tctaccgtgt	ccttacctnc	180
nagcataagg	cctaagccct	gaanggccng	nncaactntn	accaccnga	tnnctntgnc	240
natgaactnn	ttctnantnc	actnanagna	atnactgatn	gnanagnngt	gcngatnccn	300
gtgtatgact	atgnctcnca	ttncagnan	gtnccgatan	ctntccctga	tganacnnt	360
tgagganaca	gatnccgaca	cccgggtctn	acgcaaanta	ttaanggaca	tcagcganag	420
atgcagggat	cgttgaacac	tataacatcg	tcacttcatt	anatnnctc	aagcntgcct	480
ttanangant	tctcctntgn	caacaacaga	tncctggctt	ntanaggatc	ntnnctatnga	540
ggttcncaat	agatactnng	tnggacaaac	ancctnatnt	gtgcaattnn	attcctntnga	600
ccatcctntt	aatgggaaag	ggncnttnna	aacggggnaa	acccaattng	ttgncctaaa	660
aggggnataa	aaccntttt	naaacnaggn	ntgtangnnc	ttcanaactt	gnnannaatt	720
atggcccca	ttttaaccct	ttaatggctt	ttngtcccc	g		761

<210> 5051

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 5051

nngtctatag	ctggctctcg	ctnttgctgt	gatcncatga	ncecatnna	nnnantnngn	60
cccngtgagg	nctntnat	gcaccatgtt	cgagtnangg	tcctttccta	aacatgntnt	120
aaaaatatan	atncgatggc	ttatttaaaa	tgtccctatg	catggngaaa	tgntaaatac	180
cangtggtatg	antggttctn	nnntatattg	tgaatggaga	attatncaca	atgcatctat	240
atgtgtanac	taataatgta	naatatgctc	nctntntctg	ntctgtgnan	aatgtgctct	300
aaaatnccct	gntngtgggt	agcatgggct	ggacagnnat	tgattttcag	aaaaatgctt	360

ggcttttggg	ttnttggcaa	t	aagcc	tgcnsgcaaat	tatctcattt	g	anaaa	420
anttttttn	ancctatttg	aa	catgct	atcttcanta	cgcttccatc	tt	gatnna	480
aggnntntcn	natttctant	ccaagacttc	gngcntanac	tgtcncagtn	gggcatttga			540
tgncctgtca	ccagtggaaa	cctgaacgga	aaggggctnn	aggaccnacc	ttattcctta			600
agggcccttg	agaaaaaccc	gttnanttgg	gctccttaga	actngctngc	nggggaaacc			660
tggaaaaccc	ttgccctng	tttttaaagg	ggngnncct	tgggtttccc	attngggngn			720
ctttaaanaa	attttggggg	cccnaccna	aaatttggcc	ccggggattn	cnctanntn			780
ggctngccct	tttaantcct	taanttaaaa	aggncctta	caattttggg	canttggggg			840
gnnaaaa								847

<210> 5052

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 5052

agagnnnnnn	nttttnncta	atggctgggg	atagtctggn	ctttttncag	gtngccnanc	60
gantcgaatt	nngcacgagg	cttggatctt	tgtcnaaacc	ggttatgtat	gtcaaggagg	120
agttaaaggc	ctttccgcac	caccttgtgt	atccctngcc	tgencagcgc	atgtatnacg	180
tggagttgct	ccttaccaca	ccttanntgc	ccctgagccc	tatttnctag	atttcttngt	240
gggctggaaa	cccccgtnct	ccaccagcat	ntccattatc	ccaaactttc	tagncctgct	300
gacccancca	nnaacggggg	ggaaactgga	gggcnngcgt	ctggcngttg	tcnaagaaac	360
ttatganttc	tattatnagt	acaangangn	taaaatgggn	ccaatattnt	ttactaanct	420
catgntatat	ngagangaaa	ctcctatgat	ctgnttcang	aagggtggtta	tngctnggcn	480
gttnacgggn	tnnttanggn	taccaaatnt	aactctgctn	tcatacctta	atctgactan	540
tcnagnattn	ttagatgttt	gggngannnc	atcctcttaa	aatnggnacc	agggcntggc	600
ttcngnngan	gcngtgntna	ccaagtgaac	tatatngnt	ctcatcannt	gctntangcc	660
nactggaaac	acntttgncc	cgcaagnnnn	gctgttgagt	cgatgtactg	cnttcccat	720
natggctaca	nttgcttatn	aggtngc				747

<210> 5053

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1014)

<223> n = A,T,C or G

<400> 5053

gnnnnnnctg	nnntttta	cagnctcttg	ntctttngna	gganccctcg	attcnaattc	60
ggcacgaggn	nntgntcctt	ntgnncnnc	cnngntggng	anactnannt	ggcttgtctt	120
nnnncgnacg	cnngaagnaa	cgggcntctc	acgcgcntnt	gnattgtntg	acanganca	180
tgnacctncn	tacnnngccc	atntgntnnt	ccaactgcnt	gaanggctaa	tcctnggcct	240
gctctcnnan	nggntgnntg	tggnaaangg	ngtttggttt	aaaanncata	nnaatnnct	300
tcctnatctc	agnctgtntt	ttnacngggg	anttnatnnt	caatncntnt	agctgntnan	360
cnncggcann	gctcaattaa	tnctngnact	ctnnattttc	cctnccnttg	nanttgenat	420
cacattaatg	cggatcaana	tnggntttta	tgaggaantt	ntctcgactt	attaaggnac	480
ccccaacnt	gngctagtga	tttttcaann	ncatgnttgc	angaaaaaaa	ccctttcaaa	540
aaccttaatg	gnaantttct	ttgaggctta	aanaataaaa	tncttggggg	gtttacttgg	600
ggggnccaag	cgggggggga	ntnnaanntt	tngccttctt	tnttttggga	accttttnan	660



ccnttgggaa atggaatggg a ccccc cnttttttag gggtaaattcc c ggggc	720
cnttgnnngc ggncccnna a gtgggg ganatcnaac cctggcttng gg atttta	780
aaaaaatttt ttncaaaaa attnggnnt ntntttttt cnnnnncnnn nnaatggggg	840
gaaatttttt ttttggggcc cnaaaattta aaccccggtt tttttctcca gggggnaaaa	900
aaaaaacct ttttttttt tccnnnnnn naaaaaatgg gggntttaac ccaaaaaann	960
cccggtngnn nncctttttna aancnccaaa aancnttttt tcccccgna nggg	1014

<210> 5054  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 5054	
agagnnnnnn nnntnttnn ctacttaatt gcttggtac ttgttcttt tgcaggatcc	60
catcgattcg aattcggcac gaggcattnc ctgctnggaa cctngtntac taatttccac	120
tgcttttaag gccctgcact gaaaangcaa gctcagggcg nggtggtcgt tgtgacccaa	180
cctgcagtcg gtcnngncc ggccccccag aactncaact ggcaaacagg catgtgtgac	240
tgnttnanng actgcggagt ctgtctctnt ggnacatttt gtttcccggt ccttggtgn	300
caagtngcnn ctnatatgan tgaatgctgn ctgngnngaa caagcgngn antgaggact	360
ctntacagga cccgatatgg catccctgga tctatttng atgactatat ggcaactctn	420
tgctgtntc attgtactct ttgccaaatc aaganagata tcatcagang gagagccatg	480
cgtactttct aaaaactgat ggtgaaaagc tcttaccgaa gcaacaaaat tcagntgaca	540
cctcttnant tgagntcttc acnatcttt gcnactgaaa tatgatggat ntgcttaagt	600
acaactgatg gcatgaaaa antcaaannt tttgatctat natnagatgg aatggttgn	660
ccttgacttt agcttaaatg ggngcaactt taggtttctt cttgctntca tattatccga	720
aatttctctg cttatnaact tttttnaaat taccatttgc aa	762

<210> 5055  
 <211> 1024  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1024)  
 <223> n = A,T,C or G

<400> 5055	
ntnnnnangn ancnccttga aacgcctctc tngtangcgg atcccatcga ttcggntgct	60
ananggcacn aggctgctgg gcctggaagn ccttttgagg ccaactcgta attctcatgt	120
gtngctccgg cccctccagc tgcaggtggg tgtggagttt gaggccagca caaggatgcn	180
ggacaccanc gtctccttcg ggtaccagct ggacctgcc aanccaacct gcttttcaaa	240
ggtaaaggct tnggtttccc tacgcgggaa acaggcagga agtgactcaa cttntgantg	300
ggatgtntgg gccaccacag gtgctggagg acagngagcn tgncaacctt ntngggcctc	360
cacattaccg ggggaacact tggtaaaang taatgtgggg ccgggtgccg gtnngctcac	420
gccctgtaat cccagcactt tttgggaagg ccaangcggg cccnaaggta atgggagaat	480
tgnagacca tnnctgggtt taaacaccng gtggaaaact tccgttnttt taactnaaaa	540
aattncnatn nnaccnanaa atttaaacc cnggatagtt gggttttccn gggttgcct	600
aaattgggtg nccaaaacct tacntgnng ggnnttnnaa gggnnccgggn aaaaaaatn	660
gggttnnattg aaaanccncc angtaaaagg ctngggaaac cttttggctc ggagtaaaaa	720
ccccnaanaa aancctgtgg cncananc nggaaaattt tcnnnaancc ccctgggggg	780
ccggaaccnn tntnnnncca aanngaact ntccaatttt tttaaaaaaa ngnnnanann	840

annacnnata	aaaangctct	t	ntnggg	gacaaaaaac	cccctntttt	n	antgg	900
ggnnntaatt	ggccttttggg	gng	aaanaaa	aannanaana	ntnttnnnta	taaaaaaant		960
cgggccctaa	acncctttga	gggntgagat	ttnaaaaccc	ccttngttta	attatcccc			1020
gcct								1024

<210> 5056  
 <211> 822  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(822)  
 <223> n = A,T,C or G

<400> 5056								
tnnnntnaaa	cnnnannnnn	tnnnntectg	aannanancn	taannncana	nanacnannn			60
natnaaangn	cttcnaant	ggaaancttc	nncgctcnag	nagnaagacg	gggaaccagn			120
gnctnacgag	cnagacaggt	nccaattagg	acntcatctg	gncnctgtc	agncatcaat			180
gaggggcnc	atgactatag	cttggancac	agaccacaca	cnnncgcgan	gntgcncggc			240
tngaagnatt	atncacanct	gcgnccccaa	nggggcnagg	tgatggagna	taccaccatc			300
cttnggntgc	ncgaggngga	atttgccagn	nangggaaat	ntcagngtgt	catctccaat			360
cactttgggt	catcctactc	tgtcaaagcc	aagcttacng	taaatagnng	gggattaaan			420
gannnctttg	gcattttaag	attccnaggg	gccaanaaaa	ngnanaaaacn	nntcnctcgg			480
naatgttanc	ccngnaggnt	ntnatgngag	ntanccacct	gnctcnttct	ttaccnacct			540
nannnnncac	agaatnaaga	tacttgggta	tctgtatnta	aacctgcnat	tatgggtgaa			600
nacgacaccg	nactcaattg	tggatgagta	acacaacana	tgaaccanac	ntgtanntgc			660
tcanttttng	accntttntc	nnttatnann	nagctgaggn	cggcaatctt	nnnantgggt			720
ncccaaaaag	gnttggaatg	annatcccng	gggttnncaa	ntngannntt	gnaatatngn			780
agcnnaaatn	gnannttcaa	ncnnntnggg	agnaaaaaan	cg				822

<210> 5057  
 <211> 1103  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1103)  
 <223> n = A,T,C or G

<400> 5057								
cggggaaaaa	ctcctncaaa	aaaancagan	nnacctnann	nnaggaggan	cccttaaaaa			60
aatatggagg	cccnttgngg	gggaccccc	ccaaaaacca	nccaagaaan	aantaagggg			120
ggncctttgg	ggggggggat	gaaaataang	gggggnnccn	tnnnggnggn	annnanncnn			180
nnnnnnncnn	nannannana	nnnannncnc	nnnnnnnnana	aannnnnnncn	nnnnnnnnnc			240
nnnnnnnnnn	nnnnnnncnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnnnn			300
nnnnnnnnnn	nnnnnnnnnn	nnnanngcnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn			900

cnnnnnccnn	cnnncanna	n	nnann	nccccnann	annnnnnann	c	nnancn	960
nncancnnnn	cnnnnnnnnn	cc	nnnccn	cancnnnacn	cnnccnnncc	nnnnnnncan		1020
nnnnnnnnnn	nnnnnnnnnc	acnnncnncn	ccnnncancc	nccnccnccn	nnnnnnnnnn			1080
cacnnnnccn	nnnancnnncn	cct						1103

<210> 5058  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 5058								
agagnnnnnn	nntntnnct	actaatggct	tggctacttg	ttctttntgc	aggacccatc			60
gattcgaatt	cggcacgagg	gnaaattgng	catnnnnntg	tttgcn gatg	gcnncttan			120
ctattnnatt	aangcncntt	atactctgct	gcttaactng	cttgtaattg	cacntnnngt			180
acctgcacat	tttcatatng	aatattgtgn	tancatngct	tantgtgngt	ctggatggaa			240
gatncntggg	cctacaggat	cattaatgac	atattgttta	tattacagta	ttatatctgt			300
gncatcagcn	gtaantncat	ttntttacaa	atanangcct	gttccatttg	aaanatatac			360
aagtgtgtgg	ncaaaaggaa	gtatacccgag	nancaagccc	atgangagtt	tcagcaagtg			420
ttcattcctg	antgcnatga	ctacngcgcc	tacagtcang	tncagtgtca	cagctacacg			480
ggatactgnt	ggtgcgtcac	gcccacgagg	aggcccatca	gcggcncctg	cntgncccac			540
aagacgcccc	ggtgcccggg	ttccntnaat	naaaagttnc	cccaacgcga	aggnacatga			600
aaaacagatg	atgccgtanc	ttcanngtnn	ganactcanc	cttaaggnga	ttaagaaaat			660
tttgcataaa	gtttaccctt	acccttttgg	aattgaacan	ggttaaaaag	ttcccaataa			720
cnaaaacca	ataaganttc	aatggcctcc	tntggancca	a				761

<210> 5059  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 5059								
gngngnnnnn	nnnnngnnnn	nnnnnnnnng	nagnnnnnnn	gaggnntttn	ngatacagct			60
cttgttcttt	ttgcaggacc	catcgattcg	atcantgtga	actcttaaan	catgcngaag			120
cnnctctagg	aagtngaat	ctgatacaag	ctgtgatgtt	gcctgangga	gangatctca			180
atgaatggat	tgctgtgaac	actgtgggat	ntcttnacca	gatcaacatg	ttatatggaa			240
ctattcagaa	ttntgcctga	ancaagcttg	tacagtcatg	tctgcanggn	ccagatatga			300
atatcactgn	canatggtac	taatattaaa	aagccaatca	aatgttctgc	accaanatac			360
attgactntt	natgacttgg	gttcaagatc	agcttgatga	tgaaactctt	tttccttcta			420
agattggtgn	ccatttgcen	aaactttatg	tctgtgngca	nanactatct	ttaaagcgtct			480
gntcaggggt	gatgcccatn	tttatcacca	gcactttgan	tctgtgatgc	antgcaata			540
ggaggcccac	ctcancacct	gctttaagca	ctttattgtc	tttgntcagg	agtttaatat			600
gggtgatagg	cgtgaactgg	caccttggtc	aagaattaat	anagaanctt	ggatcacaan			660
acngattaat	gtttntnta	gaacacagtt	ccccattgct	taatctattg	ntagactatc			720
tnattgctat	ctggtattng	actacg						746

<210> 5060  
 <211> 808

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(808)  
<223> n = A,T,C or G

<400> 5060  
agagnnttnn ncnctgaag ccctntaaan nggctgggta ggtcgtncn tctccangca 60  
gccannngcg nntcgaattc ggcacgcagg tagcgacntt tnnagtangt ggtgggcanc 120  
tcaccgtggg nacagttagc ctntctatnc ctngcntnct ncaactccnc gnantngcta 180  
aanggctggc nanaaagcat gnaaaggact ccgnaaaggc cannacataa cgcngtatnc 240  
nccgattcgc anancagctc ggntggcagt gnccactngg antcgtntta tgatcgacac 300  
ctagagatga tactggcgca cncagcnttn gtncaacgcn ggctcaactt ggcnacnant 360  
gncaacngng caggngnncc tggagtaent nnccgnaagc ngtgctnnga ctnggcntgg 420  
actgnntcan aagactnnta ngtaaaccgt atctccacnc gnatcntgca actatgctnc 480  
ccttgganat gagnnancag antgtcatan aaangntaca antgcngata gtggncant 540  
cacananatg cacagngccc ntnttgncaa natnggacat cccaggaant gccagangat 600  
canggangcn ttgaaatntt angactnnta antgtcncnc gcttgtnaca gagctgnttg 660  
aaaggcagtc ggantgcate cctggngaaa gccacaagt nntgacgttt tggggattng 720  
natttgaanc aaaagcngaa gaactttaat taggattctn cnanccatcc cnaattgctg 780  
ggaattcgaa atctttaacc acatggcc 808

<210> 5061  
<211> 792  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(792)  
<223> n = A,T,C or G

<400> 5061  
taannatcag ctcttggtcn ttgaagcctg ctatnnncag ctacttggtc tttttgcagg 60  
acccatcgat tcgaattcgg cagcagtgga aaangtttta tttntnact gnngttgncg 120  
gttaataana tggtncaaaa cgtgcncctg tncacactc gantatntnt ttangaaatg 180  
ntnatgtggg natgattacc nttagatcaa tactttaaat aattttaccc nttttacaag 240  
ggtaaccang ggcatactga aacttttagaa cncctncngc aatnncnatg ggggangttg 300  
gggtgangctt nggatccctc ttttnngttt tgcacgntgn aanngangtt nccagntggc 360  
atnttgaata tgctgctttc caaaaaccca ngaagtnta aaattgcttc ctggnccttag 420  
aggactaana acaagaccct cattcccact ttcatttnca ctctagcaaa aactgggctt 480  
gcgtanttct ccantactc gnntatatcc tcnttccatg tncaaaccct ncattcctaa 540  
gnnggattgg cttactttng cccatccata tggcagnatn tntaatagct ttgnaccggt 600  
attagatctt ggccttaggc ccangttcaa aacaagtgcc natctatgac cagggnccaa 660  
anaaaaaana tccaggattt cgaangagan acnntncatt gggantnaag actcntacna 720  
agtccttagc cnttttcata aaagcctggg cctctaagtn ctggnaccat ttttaangga 780  
canttatnaa an 792

<210> 5062  
<211> 780  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(780)  
 <223> n = A,T,C or G

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<400> 5062
tttnaaancc ntgggttnaat ncctnnttga anccttttta tgatacagct cttgttcttt      60
ttgcaggatc ccannnncag gcttgacca cgcgcgccag cctgtaattt cttatacttn      120
gtatnttgta cttgtattat gcttctgata cgctataatn atttatgtac atgttttttt      180
nctncaatan actgggaact cttcgaatgt aggactnnta atgctagata ctcaattatt      240
ttntattaaa ttgaatgact ngaaactaca gacccctnat ntaaaactcc caaatttatg      300
ctgtatttaa ncngctcttn aaatctggtc nntaangnga attntnaagg cttgggacat      360
gcacatgatg gntgtattgc caactgngaa aaggtgatgg nttactggag caggggcaag      420
gacacctggc cccgcccgga gcaaaaactg ntcaaccaca aacgatagca ggaaaaggcc      480
tgtgncttnn gcaacantgt nttgctgcag ataatnncnc agagcctgnt tctctgntct      540
tnctgagatt gctttgggtc cataaangat tgttttagct aatctacaat ctatagaagc      600
aatgntanaa cttgggtttt tggantaaan ngnnngggna aagnttngna atgtgggntg      660
tcaanntttn gaaaaaannc tnnatacnan caaaanttna nccatttttn atntttagnng      720
gnggantant ttnatnnann nttntnagan actntgntga gtttgnaaaa acccaaantn      780

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<210> 5063  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

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<400> 5063
cgnnnctttt tgaaccatt tctcgttctg caggatcnna tcnattcgaa ttcggcacga      60
gggaacttac ccatggggac taatntggaa aaggtctgtc catagtggnt ccctgaagac      120
tggaattact tcagcaaaac ttncocatga acagctaata tgtaangaaa gantgancta      180
gcaaatgagt tttaccgggg acaaaaaatc aagcanaana gtgaatgctt agaaccttct      240
caaagcantc acaagtacag acacttcact tagcctaggg ggccttccag ggttcttctg      300
gctgntgtca gagcaggagc tgggggaggg aagacttggt ctctctttct tgaggggttg      360
cattaggaac ttacgaaacc anagaccttt ccctatgact tggcagnatg tgaatatcct      420
ctacacttag ttattgataa acttcttaaa gagatctgct attttcaggt agtgccataa      480
tctgcactta ncattggctt gcttcagttg ggcctcttcc canccagtat gcccaggtga      540
actttcgagg ttgtcattaa gtaagttgtg aaatttctgn aataacaaag gcagtcnngn      600
attctttcct tttcnccaa attcctaagg caaaactttt ttatggngct ggtnacatgg      660
ggagtnacac aaccnnctga ctttttctca ttgccattgt aatgactgat gganaacccc      720
accncctggg atccaaatga caattgtgct gaaaaaccna tc                          762

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<210> 5064  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

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<400> 5064
gnnnttttnn atctgtact tgttcttttt gcaggatccc atcgattcga attcggcacg      60
anggtgactg cagttgacga aagcatgcca tggggatagg ggacattgnt gggccacatt      120
ttggngacng acccngctg ttgacttttg gaccnatcc tttgannttt ggcntgcctt      180

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cntagnctt	ggaattccct	g	ccagc	ccancccccna	tggtatgtat	attaca	240
agtnctccna	aagancannt	g	aggatg	cggggagggg	aggttccttc	ngggag	300
cgtggnaga	agggagcagc	cttgggggtg	nattntnggt	natgcntcan	attgggcatg		360
catgggatg	nanangggct	cagccactnt	cctncagaat	cttcctnaga	ccctncaact		420
gcantatgta	atnctactct	gtncctcata	naagggangg	agccacatat	gacattccag		480
ttctaagccc	ancatggang	aacangncta	tgtccccata	ngtgangtan	aagtagaggg		540
cttcacctgn	cagtatncct	gccgtacttt	cctcacataa	ggaangacga	agaagnaacc		600
nggacctcgc	tttnccatgg	tgcantcagg	aacanggttt	tacgcagctg	gccaaactntg		660
aggctntgct	gnttttntct	gtggncagtc	caggaaatgc	ttacaccacc	ttttttccca		720
ctnttncctc	ttgattntg	ggggncncnc	aaaccggaat	tnn			763

<210> 5065

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5065

cgnnnctttt	tgaacccatt	tctcgttctg	caggatcna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggctctgc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	ttncccatga	acagctaata	tgtanngaaa	gantgancta	180
gcaaataagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttggt	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaac	anagaccttt	ccctatgact	tggcagnatg	tgaatacct	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	atthtcaggt	agtgccataa	480
tctgcactta	ncattggcct	gcttcagttg	ggcctcttcc	canccagtat	gccaggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaattttctgn	aataacaaag	gcagtcnngn	600
attctttcct	tttccncaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5066

agagnnnnnn	tnttgtctac	taatagntgg	gttggnntnt	tnttctncac	gcannccagc	60
gnntcgaatt	cggcacgagg	tccatctttg	tagctgacat	gacacatttt	aaaaatttca	120
cattaaaatg	aaggcatcta	atggctccat	tatgtctttt	agagtggctt	ggcccagcta	180
attgcatatt	gaaatacatt	agatttgctca	taaattactt	tcctttattg	tcttttctgt	240
caatcttagg	acattaaatg	tatatgtttg	aaattgtggt	taggtaggtt	atctgagcat	300
ttggttcana	tagtaaagag	agtgttataa	gttcactgta	agccccaggg	gctttgggac	360
tgatagggtt	tagaacattg	cactagggga	aatgaattgt	aaagtaattg	tntttctcta	420
gactaatgat	tcagctgaat	taatactttt	aatgtgaagc	atthtttaaag	aaagcaaacc	480
agcctgggtc	ggtggctcac	acctgtaatc	ccagcacttt	gggaggcaga	ngcgggccgg	540
atcacgaggt	caagagattg	agaccatcct	ggccaacatg	gtgaaaccct	gtctctacta	600

aaaatacaaaa aattagctgg g	aatggt cntgcctgta gtccactac t	angca	660
nangcaggag aattgcttgn ac	gggana tggaagttgc atgacccaaa t	ggcctg	720
nacttttacc tgcacanan	gagant		746

<210> 5067  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 5067							
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attcgcaagc	attcaagaaa	taatggtgag	aatagcctgc	taatagcatt	attccatag		120
cagggtgatg	ccgccttacc	tttgacatc	ctaacctatg	aagagaagac	cttgtcagcc		180
atcttgagaa	tatgtagcag	tggtcttgtc	aaattgtgga	gctctttgac	cctgttagga		240
tcctataaag	gcaaaaaatg	tgctttccgg	gtgattcaag	tttctccatt	tcttcttgca		300
ttatctggta	atagtaggga	actagtattg	gattgaatga	ataagtcttc	cattttggaa		360
acgttcatcc	actctcatat	ttatTTTTTg	gtgcctgcat	gtttgaagac	tgaagcaggc		420
taaaagctct	tgatgaaatt	tgagggtgct	gaagatgttc	ccactaattt	ccagccatca		480
cctttggtgg	ggtgggcttc	ggaggacaag	tctgtctgaa	cctgccagtg	ctgaccctgc		540
agcactttca	gcatatgcac	atcaaaagtt	ggagaccgcg	cctgaactta	nganggcctt		600
cacacagact	gatgtggcta	cccttctcag	aattaacagg	ggatgtcaat	cctttgcatt		660
tgaatgaana	ctttgcaaaa	cacaccaagt	ttgggaaatn	caattggnca	tggaagttt		720
tgacaacgga	ct						732

<210> 5068  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

<400> 5068							
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ctganttcgt	acnnagngct	gctnntacct	gggctnactg	gannnctcca	nctacncagg		120
cagnaggatg	gnagctnaac	tnccangang	agcttgca	gnnctgnna	tccgtgccac		180
tgcaactccag	cctggcctna	cancanccgn	gactcnngnc	tnntaanctt	aaaagnctcn		240
ttatcagcat	gntcccat	ganagngtcc	tacatnctgn	gacattcacc	tatatccng		300
ggncctntta	attnncaacn	actgctctta	gangtcttag	ncttttatgt	taattctnat		360
aaatncnatt	gaatanatat	tatncccaaa	tcttagtggt	ngcatnttag	ctattnaanc		420
ctntccaang	tangttaaag	gccaccgttt	tcngatnaat	nctnctttt	atantcnatc		480
tggaatancg	catttctntg	agaataaaag	anagttntt	tnaanaatag	gatcttttng		540
ncccttcggn	ncgncttttn	tgncctntag	ctgctttggn	gcaantntga	agttgagnga		600
tcnncnttgt	agccctagga	atttccanan	ttgcncgtnt	gtnantggaa	cttctnancc		660
ttgtgccnan	agnantnatn	nccctntnn	tttttaaaaa	nnaattngtt	tcaaanttcg		720
nccttntttn	aataggcttn	anatgnttat	anaccnnggn	cnaagttntn	caatcttnan		780
tcccttnnag	nntccnaatn	aatntaaant	ccttnaatng				820

<210> 5069  
 <211> 833

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(833)  
<223> n = A,T,C or G

<400> 5069  
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naatcttctn ttancctcca nntntcgntc tnnttgcant nccngtcgat tcngataact 120  
agtcaataag gaacaggatc aacggccact ccacccatgg caaatccaca tgcagggntt 180  
ctncaccaag gttccagcct ncaaagtga anacgccttg gaacagcnag ggaggtnaac 240  
aataattnaa nananagaan ggaataacgg cnaaagaaaa ngaaaanaga ancgaaanaa 300  
ctaangntng aaaaccaccc ggaaaactca aggaatcaca atcctaanaa gcccataaag 360  
ggacaggang ctnancttga ngctggtggg gaggaantcc ctgaggccaa tggctctnca 420  
tggaananga gcnagaataa gaancanngc aaggacancn ccncttagga atangcacgc 480  
gttggcgcng ggaaaacgaa ncngangcac tctgaanttt aaacatattc tnagaaacaa 540  
caanatnaag cttccagaac attctgaagg gcnganaacc agaataccat naagctcctg 600  
caaaaagtta attnnnctgg aagggaacta ttaaancatt ctnaaacaag ccccaaacia 660  
tnaaataacc ctcaaaaagc taangaaaaa agtttttnt tantactaca caggtgacca 720  
gatttagcct tnaccagatt tccaaanaag gaaactnoct tgggtcattc ttttaacaat 780  
gaaaaattta tctacntaaa nccttttcctt ttttaantttt tttaaaaagg gng 833

<210> 5070  
<211> 741  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(741)  
<223> n = A,T,C or G

<400> 5070  
agagnnnnnn nnnnttgtct tntggctcctt aanaggcttg gctacttggt ctttttgcag 60  
gatcccatcg cttcgaattc ggcacgagga gccctcttat tgtatatact gaacgcattt 120  
ttaaattgaa gagatactat tctgtgtatc tttgcaggeg aatgagtcct aggttggcca 180  
gtgtctcact agttgagatt aaatttttgc ttatacttgt tgatttgact gccttctgaa 240  
tagtattagg aacacattgt aaatttgttg ttgatggctg gctgaagttt tccagcacat 300  
ttcttgaggt tgccaagttc ttctacaatg actgaatcta ctcttcattc attctagtca 360  
gcagtctcac acttaattcc aaggtttact taagattttt ttctgaaaaa gcaatgcttg 420  
ctttccatat ttgcatattt tttctctgcc ttaatagcag aaacaatggc ttcattctgc 480  
atttgatatca gattctttcc attgatatat cttgtcctta ttagctagtt gtttccact 540  
gggtgcagtg gcttatgcct gtaatcccag cactttggga ggtcaaagcg ggaggattgc 600  
ttgagcctag gaattcaaga ccagtctggg caaaatagtg agaccccatc tgtcaaaatg 660  
aaaaaaaaaa aaaaaaactc gacctntaaa ctatagttag tcgattacgt agatccagac 720  
atgataagat ncatggtgag t 741

<210> 5071  
<211> 760  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(760)



<223> n = A,T,C or G

<400> 5071

ntttttnaaa	acnacangct	ncttgtgcan	gatcccatcg	attcgaattc	ggcacgaggg	60
tggctcggnc	tgtngctgng	gtttcctgag	ttgctgctgc	tgcggcggcg	gcagcggcgt	120
ctgtgcttgn	ggaggtgtcg	gcctntgggc	ggatgttgac	attgtgttgn	tgttatngct	180
gatggtaatg	gcnnccggcg	nggcngctga	cgggccagac	cccatccact	ctgtagccgg	240
agccganaca	gccgacagcg	aactncncgg	cctcgnatcc	ggcagcagng	gngactnccc	300
tcagcctgcg	ccgcctnncc	cgncggtncc	cnngagccaa	cccnngggagt	cangncctnt	360
nngcatggga	gctcgnaaag	tnangatggn	ngatttacac	aaaanctatg	atgaatagga	420
ggacnaggan	cggccctgga	ggagcagctg	ctcaattact	caacggaccc	ggtggtcgtc	480
ctcggatccg	gtcanntcan	cgtatnagga	ctgagcaaca	aatttgaatc	tgaattgcct	540
anttcattaa	ctggaaaant	cactcctgaa	gaatttaaag	ccngcattaa	cattantnac	600
aagttggatt	aanaaaaacc	ttctgtaaat	gtccgttnct	ncttagngga	ngccttnnat	660
tgctgctgcc	attangtncn	ntttgtggcc	agtnnttggc	tnaattaaag	aacnctaaaa	720
ngttgagnat	ttantagaat	gggaaaancc	atccgttnnt			760

<210> 5072

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 5072

gnntttactna	tatcagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggaccgcca	attctaagat	tgtagtggtg	actgcaggag	tccgtcagca	agaaggggag	120
agtcggctca	atctggtgca	gagaaatggt	aatgtcttca	aattcattat	tcctcanatc	180
gtcaagtaca	gtcctgattg	catcataatt	gtggtttcca	acccagtgga	cattcttacg	240
tatgttacct	ggaaactaag	tggattaccc	aaacaccgcg	tgattggaag	tggatgtaat	300
ctggattctg	ctagatttctg	ctaccttatg	gctgaaaaac	ttggcattca	tcccagcagc	360
tgccatggat	ggattttggg	ggaacatggc	nactcaagtg	tggtgtgtgtg	gagtgggtgn	420
aatgtggcag	gtgttntct	ccangaattg	aatccagaaa	tggaactga	caatgatagn	480
gaaaattgna	aggaagtgca	taagatggtg	gttgaaagtg	cctatgaagt	catcaagcta	540
aaaggatata	ccaactgggc	tattggatta	agtgtggctg	atcttattga	atccatgttg	600
aaaaatctat	ncaaggattc	atnctgtca	acnatggtaa	aaggggatgt	ctggcattga	660
caatgaannt	ttctgagcct	tncatgtatn	ctcatgcccn	ggnattaacc	tcgtnttnac	720
ccnaacctan	ggatgatagg	tt				742

<210> 5073

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5073

gnnngnnnnn	nnngnggnnt	tttatatcta	ctggctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggcccagag	ggaacctcct	ccgctggggg	acgggaagcc	120
caccgacttt	gaggatctgg	aggacggaga	ggacctgttc	accagcactg	tctccaccct	180
agagtcaagt	ccatcatctc	cagaaccagc	tagtcttcct	gcagaagata	ttagtgcaaa	240

ctccaatggc	ccaaaaccca	ctggttgt	attagatgat	gacagagaag	attttgc	300
agaagccaca	gaagaagttt	ctgggacag	ccctgaaagg	gaacctatcc	tactctcgga	360
acctttctct	gcagtcacac	ctgtcactcc	tactacactc	attgtctcta	gaattgaatc	420
aaagagtatg	tctgtctccg	tgatctttga	tagatccagg	gaagagattg	aagaagaagc	480
aaatggagac	atTTTTgaca	tagaaattgg	tgtatcagat	ccagaaaaag	ttggtgatgg	540
catgaatgcc	tatatggcat	atagagtaac	aacaaagaca	tctcttttca	tgttcagtaa	600
gagtgaattt	tcagtgaaaa	gaagattcac	gactttcttg	gtttgccagc	aaaattagca	660
gccaatattt	acatgtttgt	tatattggng	ccaccacttc	cagaaaagag	tttagtaggg	720
atgacccagg	gc					732

<210> 5074

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 5074

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angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatncnan	ncanagtntc	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tggccagtat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tgggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aaatgttacc	agnngncaat	tttgttggcc	ccatgggtggg	gaatccaang	gc	772

<210> 5075

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5075

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tcgattcgct	gtgaagacct	ggaaacagac	aaaaaagagc	ttgccaaagt	ccagactgtc	120
cagctggatg	aagatatgca	agacttatga	actttatttc	ctcctcacct	ctttttggca	180
tcagcggcaa	atcttttcat	gaagcccca	ggacacaaaa	cattttccca	tttaaaggaa	240
aacactctag	ttttgcaagt	atatgcatac	aagagacttt	agattgatct	gcatgaagat	300
cacagttaag	tatacaggag	tagaactgca	ttattgcagc	ctttttgttc	acttataaat	360
ttctctttta	aatagatgga	gacaaaggac	aagggtgaaat	gtatcaagtc	aaagtgaatc	420
atttagttga	ctctataatt	ctaagggtcaa	aatgggaactt	gatagttttt	taaattaaaa	480
aatgtataca	cctaacatag	aaaattaaag	atagctgcag	accattagaa	ataatacaat	540
tgtttttgtt	tactttttact	ccatgggcat	tgaaaagggt	aagaaacata	aatgggtccat	600
atttttaaa	g	gc	gc	gc	gc	660

ttgagaaagt cttgggggtct cttacatt tgtctcaaca catttccaaa ttttattct  
aatagctcan tgtggctgaa aatgtgccna

720  
750

<210> 5076  
<211> 761  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(761)  
<223> n = A,T,C or G

<400> 5076		
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aaaaaagcta acaatangga agaggaacta tataaaagga acatttggag catagaagag	180	
agttcatgga aatgtnaaaa atgatggtag cctgggtttg atatagtaag taaaaaacta	240	
agggtaaag ggtcatgaaa gcatctagaa gtaggaggga aagccagtca aattcacagg	300	
atgaagtcag gaagataatn gagcagtgcc cgcaagatcc tgagggaaag caagttccaa	360	
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaag	420	
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa	480	
cattaaatca agaaagaatc aacagtggac ccagttaata gcngatcagc cnaggataag	540	
atgccctaga agatggtgaa gggaaagtct cagaactact ggtcttcagc aggcagcgaa	600	
gacacctgat ccatattgga ntgggtgggga tgcgaacttc aggaagggaat gcccccaagg	660	
aaaaattggn aaggngtgat gactgncttc aanagggttc aggtctttta aaaattttcc	720	
ctnccaaccn tcacntttgg ctttngaaan ccncgectga t	761	

<210> 5077  
<211> 765  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(765)  
<223> n = A,T,C or G

<400> 5077		
agngnnnnnt tttntctctc gcctaattgt tggctacttg ttctttttgc aggatcccat	60	
cgattcgaat tcggcacgag gacnanccct ngcgctgcc tntccangat gtctacanaa	120	
ttggtggtat tggtagtgtt cctgttggcc gagtggagac tgggtgttctc aaaccnnta	180	
tgggtgtacc tttgctccan tcaacgtttc aacggangta aaatctgtac naaatgcacc	240	
atgaactttg agtgaagctc ttcttgngga ctatgtggnc tncaatgtca agaattgtnc	300	
tgnaangaat gtcccgncca aggcaacgtt gctggtgacc gcataaatgn cccaccaatg	360	
gaanacatctg gcttcaactgt tcangagatt atnctgaacc atncatgcca aataagntnc	420	
cgntnatnnc cctgtnttgg attgccacac ngtttacant gcatgcaagt ttgntganct	480	
gnaggaaatg attgacnnn ntctgnntan aagntagccn atggccctan attcttggac	540	
tctggtnatg ctgncatngc tgatatgggt cctgncaagc ccatgactgt cgaanagctt	600	
ctcaagacna tncaaccttt ggntcncttt cgtgctacga ggatattgng caccggacag	660	
ttgccgnagg cnttttgcac aaggggccnt ggacaaaaaa gctgggtcgaa cctggcnaag	720	
gtnaaccaan ncttcccctc aaaacttcan naaggnaaan tgcan	765	

<210> 5078  
<211> 969  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(969)  
 <223> n = A,T,C or G

<400> 5078  
 annnnnnnnn nnnngncnnc nnnnnnnnnn nnnnnnnnnn nncnnncnnn nccnngnnnn 60  
 cnanncnann ggggnnnncc gntnaaaacc ggtngccenn gcgcncgggc gggngggcnc 120  
 nnanccgaat ncngcacgna cggggccgnc ggngggaccc tgggntgggg gcnagaanca 180  
 nccgacgcng gccagaaanag ggggnctggn gncccaagan agaanncatg antagnacac 240  
 tgganacnaa anccgtgtgg ggacacatga ancccnanc ccatgngtcg nancctgccc 300  
 anaagtgant gtgnagntna ctggaagtgg gggntccaac cgncaaaccg tgggatccca 360  
 aaacnncang ncaagccagg accttngcac agcccgnaaa ggnanatncc cnctnaannng 420  
 tctngagacc cgggntgnct gggggaaaca gcaggcccgc acantgmnng gngtngggac 480  
 ttancggaaa catgggtaac gtngcancag cgccacggga gtccaacccc tgaaaatacc 540  
 caganctcgc gtgnanancc aaccgngnnc ccaaaacaaa gcnaggggnt atgggnttaa 600  
 aancccnna nttnaanagc ccnccgnggg gnaannangn agnntttttg ggancccaaa 660  
 ancccnngga gggggcccag ganncgaaaa aangnatncc cnttnaaaag gncnccanga 720  
 actnaaaag gganaaccan nntncgnggc ccaatntnac cccaannca aatncccnnt 780  
 tccgtgcngn cccaatnate cnccnagtn cttntggcc ncnagngng ggggnncnnc 840  
 aaangncttc ttgnaaacan atnggggaaa ccntttnac aaaaaanngc gnannngggg 900  
 cccaatancc accgggnccc ccccanannc annggccann ancntgggcc tccaaaaaaa 960  
 agaaannngg 969

<210> 5079  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 5079  
 agagnnnnnn tttttgtctc taatggctgg ctacttggtc tttntgcagg atcccatgcg 60  
 attcgaatgc ngcncgaggc nttagttgct nnttgaaaag ggaactgcac ntgacnntat 120  
 catggaanga tagctnact ncttnccgac cttggtcaca ggccgncatg agganggact 180  
 gttccantgc tncngnggcc nctgncntgn tntcatcac tggnettagc tttggagtac 240  
 ncaactccaa gtggcccag tctagactct atcaaatncc aactgatag caacaatgan 300  
 tgcattgat gtgtgctgct ggcnatctta agcccaaaat gttcaaaga tnaaacagnc 360  
 atatacattn aagatacata tanaaatngt nnaattngaa tgtatacaan ntagattacc 420  
 ctaacgaact tactacaag aaatncatct tatatccnng cacnnaaatg tgganntnta 480  
 catgaaagga tataccgttt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540  
 ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600  
 aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660  
 cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720  
 tagaactata tgagtcggnt tacgtann 748

<210> 5080  
 <211> 949  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(949)

<223> n = A,T,C or G

<400> 5080

gncntacttt	nttatcntan	cactctgctt	tncgtcatca	tcgantccta	tnatgtgggt	60
tnacctnatg	cgggnntaan	ccagnaacan	cntggcccat	gtnnccntga	actcacattn	120
tgttcatgna	ttccagaatt	nttnantgga	nagattaata	gncagaaacc	ccactaggna	180
canatcacna	nacngacgct	tntagcttgn	agacctntta	ggcanaaaagt	annaannana	240
ntnggatctt	gcngncctta	atctcttccn	ggaananggg	cctatagntg	gcnacttgga	300
aaacacggcn	ctgntccann	gtttnttgcc	ccnnacccga	gacaccacna	gtgtcacctc	360
caaggggggn	cttcaaant	tgggggtgcgc	ccggtacctn	ttgaaaatga	aggtcncccc	420
caaatggggn	gngagtttnc	catncctcgc	cccttgnggg	ttnathttggg	ngaacctcnt	480
tggnccccctn	tttttacttt	tagggggcan	cccccathtt	cncctttggg	accccccttng	540
gattttgtcn	ccttgggaaa	acaatttttc	ggggnccaaa	actttanaat	tnaannttgg	600
tttanagcna	anantgtggn	cccaaaatgg	gtacangggg	gttnccccaa	caaaaagccgg	660
ctcttttttga	tattgcatac	ctcaatnccc	acttgtcaat	ccntttttta	ttactttanc	720
ctctaacata	atgaatntta	ncgccctnan	aatccntcc	tganatacat	gtgangcctn	780
ttgcctgana	aantgacacg	aatnatTTTT	naangatct	nntgannnnc	nctcancata	840
cgatattnta	cntctngnct	tnagaanact	cttttattn	ctggnagatn	aaaanggtan	900
cantntaang	ctntnttgtc	atcctcanag	ganttaangc	tataaaaann		949

<210> 5081

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 5081

ngnttnaaca	cctgntgtcg	ttctgcagga	tnnanganen	ctngnttcga	angngcnang	60
ngtgcgatgat	nctgnccnnn	nattgctagc	gntaanaccc	ncgaggaggat	atggatncct	120
gnaaagcnct	ctggtccttg	ggaanccmnt	ccttnngtgc	ntntttattac	tgnaattnt	180
canaagattn	tgagatgctc	ncagtgtcnc	attgctactn	tnattgtaat	cattatggga	240
ttgatacgct	gtcanaanta	ctgccagcgg	cagctggagt	tgcttngcat	ttcacagtac	300
anacagnaga	ctatgtnaat	aatnggcaga	anaattctac	tnngctgtgg	aattcccaaa	360
ctaatatggn	ccagaaacta	gctaatacna	tcanttatgt	ccaacaaaact	gtaatgnggc	420
taggagattg	agncgtagt	ctagaatata	gaatgcagnt	acaatgtgat	tggaatactt	480
ctgattnttg	cattactcct	catctgtata	atgaaagaca	gcatgagtgg	gaaagagtta	540
agaaacatnt	gaaaggncat	actggaaatt	tacttttagat	attntgcaac	tgaaggaaca	600
antttttcaa	tctttctttg	gcacatctgg	acacttaatg	ccaggaactg	aagttgcttg	660
gaaggcgctt	caaaatggga	ttaagcaact	attnacccca	ttaaaaatgg	atcaagacca	720
nnaaactana	anaaaaactc	gaacctntta	aaaccattan	tgangtcgga	ntaccttan	779

<210> 5082

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 5082

atgggnatgg	nnnnnnnnnn	nnnnnnnttt	ttttgtttta	aaaccctttt	naaaaattgg	60
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gnaccctttn	nggggtntaa	a	aatcc	ctnttgaggn	ncttnntacn	c	ctcnaa	120
naanttaana	cactantatg	g	gtntttt	tccncncta	cctttgntnt	a	ccccccat	180
tgtgcnaaaa	gntnncgcaa	n	nggtnnega	ccaaacnttg	acannctcta	tagtaanttt		240
acnacnncac	ttgnncactt	c	gccanctct	tnaacgccan	actagtagca	gaagtactcc		300
acccttnaan	aaaacanaca	a	ctaangccc	ttttactgcc	ctcatcatcc	nnttangnac		360
ctgcttacct	atgaatgcct	n	ttanacata	canatntaat	acctggaaaa	tcattccacc		420
ngccncata	ttcaaacnan	a	caacacatc	cnnacactag	anactcttgc	ccccacatcc		480
tcaggtnena	caaaacanaa	a	aggnttntc	ncncatantt	cttactggcc	ntnctgaac		540
tangnaccgc	atncaaacca	c	ntcatcnct	tantannttc	ncttgctcct	tagccagctt		600
ctgnectgan	aaccnccaan	c	tggaaaaaac	acatctnccn	anatccattn	cttgngatca		660
caaanacnnt	nnnccgcggn	c	tcaannncc	tactcaaaga	tccactgtcn	catctgnccc		720
cctanacccc	tttncntang	c	atttctaac	ttnttanaca	aactgcttta	cncttagtnc		780
anggaactnc	taccttgcat	c	atcncccnt	tttntcntna	ctttcttctt	ttgatcctta		840
cncttcaaag	ggccttnnga	a	ncnttgacc	cnanaatnaa	atttaattcc	cncttnttgg		900
aggngtcctt	cnaaacnna	t	ttntaaaca	ccccn				935

<210> 5083

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 5083

ggnnttnaan	ntcagctctt	gttctttntg	caggatccct	cgattcgaat	tcggcacgag	60
gcaagacagc	cacatttgct	atttccatcc	tgcaacagtt	ggagattgag	ttcaaggaga	120
cccaagcact	agtattggcc	cccaccagag	aactggctca	acagatccaa	aaggtaattc	180
tggcacttgg	agactatatg	ggagccactt	gtcatgcctg	cattggtgga	acaaatgttc	240
gaaatgaaat	gcaaaaactg	caggctgaag	caccacatat	tgttgttggg	acaccgggga	300
gagtgtttga	tatgttaaac	agaagatacc	tttctccaaa	atggatcaaa	atgtttgttt	360
tggatgaagc	agatgaaatg	ttgagccgtg	gttttaagga	tcaaattctat	gagattttcc	420
aaaaactaaa	cacaagtatt	caggtttgtgt	tgctttctgc	cacaatgcca	actgatgtgt	480
tggaagtgc	caaaaaattc	atgagagatc	caattcgaat	ttcttggtga	aaaaggaaga	540
attgaccctt	gaaaggaatc	aaacagtttt	atattaatgt	tgagagagaa	ggaatggaag	600
ttgggataca	cttttgtgac	ttgtacgaga	cacttgacca	ttacacaggc	tgggnattttt	660
ctcaatacna	ngccncaagg	gtggacctgg	cttgactgag	aagatgcacg	ccnngagact	720
ttacaggttc	ttgcttntgg	cttcgcggga	at			752

<210> 5084

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 5084

gngnnnnnnn	nnnnnnnnng	nnnnnnnnnn	gnnggttttt	taganacagc	tcttgttctt	60
tttgcaggat	cccategatt	cgcnctacnc	aagngntnag	ccnactncnc	ntcaannnna	120
nactgggcan	ggatnagact	catannaaca	ttgtgctgca	ttgagaccn	cagattcagg	180
gagccatcac	cactacatgg	canattgtga	tctataaatt	gctggggcat	natcacatgg	240
ntccattntc	nnaatggnc	aggatgcttg	cacctatcga	ncngggctat	gttnagtatn	300

cctgggcatt	ggctaaactc	actnanc	gtaancggn	tataaccatt	gctatgct	360
ngtggacatt	tgacaccatc	aggtactta	tnngantgat	cactgatgcc	tcatgacacn	420
gacctttatc	aaaggacatg	atggccaggn	cctcttgang	cntaccgtgc	tatcccngaa	480
tggtgctnct	nctntngggg	aattttcaac	ctgaggntnt	gaaataatgg	ncaaactcac	540
cancatggct	tganggcnta	cacactggnt	gtnaaacaac	taattgactg	ngatacagaa	600
ggntncnntg	ncnacttctg	naggatagat	ctnagaattn	ttnagctgta	ggctacntna	660
gaaatcggtg	caccctccat	cganaggcca	tgatgtcnat	ngtacacaac	tnaccatnnc	720
ttcatgta						728

<210> 5085

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5085

gagaagnrna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccntcgcn	60
aagnnggngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnnccangc	gncnantgga	ccccaaaggag	ctcnanngcn	gcnnacancn	180
annaccgggn	ncacannngt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anaggaggagc	aagcnnaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gcccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnnccngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccnngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgngggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacgngan	cncnccanang	840
nggncancna	ancaanagng	ccnncncccc				870

<210> 5086

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5086

gagaagnrna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccntcgcn	60
aagnnggngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnnccangc	gncnantgga	ccccaaaggag	ctcnanngcn	gcnnacancn	180
annaccgggn	ncacannngt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anaggaggagc	aagcnnaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gcccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnnccngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600

nnanggnacn	angaannnan	ccnnnnn	ggggaanaaa	acccanccac	gaaacaan	660
ngnaccnngg	accgtnggcc	caanaaaac	gngncncnaa	ggncacgant	chcanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacngnan	cncccanang	840
nggncancna	ancaanagn	ccnncncccc				870

<210> 5087  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 5087						
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cgattcgaat	tgggcacgca	ggggcgnccc	atcttggtgn	tcantnncta	tgctnctcc	120
cntgaccacc	cgacagacgt	ggactacang	gtcatgntca	cngntancca	attctacacc	180
angctgatng	gctttgacaa	ntccnncn	tancagttgt	ncaaateccac	tatnnncngn	240
aactcgaggg	tcangccnaa	cngtaacnat	ggccagtgag	ggnacctacg	caactgnact	300
ccganngttg	tatggagaaa	ctggtagacn	tcaaagactg	cctntccgct	tngtggtnc	360
ngcnacagag	gangangtcc	tacgtgnntg	agggtnccnc	cnttggggtt	atnnnancgn	420
antaggnnta	ncnctggacn	ganctggagg	cgcatgacan	cacatgatgc	ttnttgaggg	480
cctgaagatn	atcntgancn	acangtgtcc	ngtgangccc	tgtgantnca	ttatcatgta	540
gatttaggtt	gangaatgnc	ctgggacana	tgtttgtaca	tagnggccac	ctatganttn	600
acagantatc	tcataactna	tcagattgct	tnacngtctg	ggnancnaac	tcactcattg	660
gnaanntcct	gcatgctatn	cccaatgggt	ggatngcctt	nancttaaan	ataangntgn	720
tttttatcaa	nngggcanan	aaaccgtntt	annngggtt			759

<210> 5088  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 5088						
gaattgctct	gtgtttttgc	aggatccatc	gattcggnag	tgngnagagg	cnccacacnt	60
ntnggataaa	tgactnnan	nnctncngcc	ttgaanttcn	nnaggggtca	nnnctnctac	120
tcacnggnag	gngngccna	agananctgt	gggtncgtnt	ggatnaannn	gtnattgacn	180
gccctggnc	ggntcaaaac	ncnnccctag	tcntcangct	ncagggtnag	gnacanaacng	240
aatntacntc	tcctntgnga	ggnatcntac	tattncgtna	tggnnancnt	aatgctccac	300
annaangtgc	ngtngactca	cgctgctacg	actctcgaga	cnnttcntag	aagatcattg	360
tcntctntac	cncnntngga	acttnaacta	tgtattgana	naaccttgag	gatgctatgt	420
ggccacagat	tcntatttca	atggaaaacg	nccnctaca	ttatgcangg	gnnnctttct	480
gaatcgtgtn	gcacntcntt	catggggctc	naatnngccg	cttnaancnc	aaatattggg	540
cgcttgacn	gctttgacan	tgtgtaannt	ctnngtntgc	nanctatac	ttggacccat	600
ttgccctgta	tgngcccttn	gcaatggntt	cntttcnaag	tataactacn	ancttncaaa	660
tggnaagggt	cctgatnnnt	nccattttgc	naacgtgctc	atttnaanac	tgactgnaan	720
cgtttttgac	aaaanaat					738

<210> 5089



<211> 856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(856)  
 <223> n = A,T,C or G

<400> 5089  
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 ctttttgtag ggatcccatc gattcgaant canctcganc atggannncc tencctcagc 120  
 antcnnatgn gcnnccctngg cnagntcacn nttgctgctt nagnnnttnc tgtcnntncn 180  
 aattntgnaa ngnccttnaat gtggnannaa tcaggaaaat gctncntnca annctttagn 240  
 ntttnaaccn tccatattct taacatntgn gacatnccat gggatgcnat taatattcaa 300  
 ggnntttatn cggactnaa aaatanacac ttctaccngt caangttcng aaanancgat 360  
 catncgcntg aancatngna tgttnatanc aacctntgaa nagntnctca tttncacctg 420  
 aaatcatggc actnatagca acctttntan aaggctataa aaanggactt gaatgtncna 480  
 attgcccag aagagcgcta cccttcggga aggggaancc tgaatgttgc aaccactggg 540  
 gataataant acccttattg tcaagaaaat ggcattgggg ggcacattca tntgaatttn 600  
 ggacctggng actccttacc gaaattccca nccagggtcc acnaatggna atttgaagnc 660  
 ccgtttgnc nttcgnggac cagtggggaa aagcaattaa aaggccaaaa tccttccnaa 720  
 acctttntca agggttttna gnaaagtnc cecatgggtt nnnaaaggct ttaaggactt 780  
 gcnnntggga aangggnaaa aaccntttta attgtaaggc ccaanggatt ccggaatacc 840  
 gccngtacaa taaaaa 856

<210> 5090  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 5090  
 ggnntttnnat cagctcttgt tctttttgca ggatcccatc gattngaatt cggcacgaga 60  
 gaaaatcagg gatgtattag gaaagtaaca gtctctcatc aagaagccct ggctcaggna 120  
 tatgaatata agtactgtgg agaggcccta tggatgccat gaatgtggaa aaacttttgg 180  
 tcgacgcttt tccctgggtg tacaccagag gactcatact ggacagaaac catatgcatg 240  
 taaggaatgt ggcaaaacct ttagccagat tncaaacctt gtgaaacacc aaatgatnca 300  
 tactggaaag anaccccatg agtgtgacga ctgcattcag acnttcagtt ncctttcatg 360  
 gnttantgaa cncnantaac cgcncactgn ggngaancct tangnatgta ctgagtnggg 420  
 aaaggccttt anccgagcct acaacctcac tnggcntcag anaanncaca tntgagggaa 480  
 acactatnta tgtanganat gnggnnnnnc ntttannact ggctnagaac tcnntngccn 540  
 cnaattaca catactgaag nnanaccttn nngatncatn gnattgtnga aaggcatnt 600  
 gccgtttctt gcaccttact ccnangtcac ancntnccta caactcaaaa cccntnttg 660  
 aatggtgcng aatntagaga aagncctttc gnnngaattc cnttnttnt nnaaannatt 720  
 c 721

<210> 5091  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 5091  
 gagnntttinn ccncnngaaa gccctttctga aatngcttgg gnaggtegnn ctnnncnca 60  
 ngcagcnana ngcgntggcg aattcngcac gcaggcaana ctttttcctg gggcaggggn 120  
 gtcagcnatt attnaattgg attattncta agttngctan ntgggncann tgtgnngagn 180  
 agggagnntn cctgccacnt nttctgntnc ccnctttctg cccacacatg cagcatccaa 240  
 agtccattna ntnaatgaat ggacanagtg ccgagcanac nggggcnaa ncangnnncnc 300  
 agtcnacgca tccngnntcñ taggnaaagt ggtgaccgnt cncggnggga cntgccnaan 360  
 ccctgnnaca cagnccgnca cnntnnangg acnngcannc ctnggatgtg cctcaggaaa 420  
 aacagggcna gccttcnagn nccgnatacg agtnnncggc cttananncn anaacaangg 480  
 cnctnacttg cngcatgctt cactattctt tñaggcacat atatnttntc ttattagntc 540  
 ctncatccc atgagggacn cagtggctna tgccctgggaa ancngncctt nngnangtca 600  
 aagngggagg attgctcnac ctaggaannc aagaccacgc tgggcggnat antgngaacc 660  
 cancggtacg acttgaagaa aaatatccta ancncngcct tactaacttt agnngncnca 720  
 attagtaag anccanacgg atcagtttca aatnagggnn 760

<210> 5092  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 5092  
 nnnnnnnntt nnnnnnnnnn tnnttttnan nnnnnntttt naataattgc tattgttctt 60  
 tttgcaggat cccatcgatt cgaattcggc acgagcccag cccaccccca gccccaaagg 120  
 aggtgtttcg agagggacgt cctccggagc caaccccgag caaacggaag aggcgctcta 180  
 gcagttccag ttccagctcc tcctcttcat ctctctctcc ctctctctcc tcctcttctt 240  
 cctcctctcc ttctcttctt tcttcttctt cctcatcttc ctctctctcg tcgtcttctt 300  
 ccccttcccc tgctaagcct ggccctcagg ccttgcccaa acctgcaagc cccaagaagc 360  
 caccctctgg cgagcggagg tcccgagcc cccggaagcc aatagactcc ctcagggact 420  
 ctcggtccct cagctactcg cctgtggagc gtcgcccgtc ctgccccag ccctcaccac 480  
 gggaccagca gagcagcagc agtgagcggg gttcccggag aggcagcgt ggggacagcc 540  
 gttccccagc cacaagcgca ggagggagac acctagccct cggccatgag acaccgntcc 600  
 tccaggtctt cataaattgt ctttggggga ttccaccaca cccaatgtc tggagccaca 660  
 aggagtgtnc cttnttccca cagaccgtgg ganggtcctt gctgctttct ttgaacttgg 720  
 cagccttgga tgganggctc ctttncctcc cttttttttt ttttgt 766

<210> 5093  
 <211> 851  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(851)  
 <223> n = A,T,C or G

<400> 5093  
 gagaagannn nnnnnnagaa agnnnnnnnn naggnaggtt ctaaatnctt ggctatcgan 60  
 ctctnagcag gagcccatcg attcgaattc ggcacgaggc gggcgctagg cgcgcgacc 120

cagcactngg	tcccagnega	nctctggg	gcagcgcgcg	gtggaagctg	ctctngann	180
ggancanttc	tggctcacga	ccctgacgct	agcgcggnnta	tcangnggaa	acccnngnnc	240
cacnnnaaca	aaaagntggc	tggatgtggt	gncncncata	cctggaatcc	cagcnnctnt	300
agcggcnaa	gcatacagaat	caantgaacc	canaacacag	gncgcncctga	nccaagattg	360
tgccccctgca	ttctagcctg	ggtgacagt	anacnggctc	aaaaagataa	aggtgtacag	420
ggantgtata	ttcagacaac	ntggtatgga	agatgtgcta	cnnctantgn	nccangctga	480
tactaagtna	acactcnnnta	cnatanagan	ggagatntgg	gacncatagg	actgnggnca	540
tnttaattan	ttcangantg	ttttccacna	gcnnnttaact	ggatttcaca	ttanagaaac	600
ntttncaaag	accctnnaac	gggtaaattn	ccaacggann	ntcccaaagt	taccaatttt	660
antgccccga	atngggaaaa	ttncnacang	ncccttttnc	anggtatgna	canagnactt	720
ttaantnacc	cncantcaa	cctnnnacca	nttnttttan	tccangncan	nctaccagtt	780
gtncnaccac	aaagnttttn	aagncccat	nnnttngtn	aatnnnngg	nnaaacccnn	840
nnacaaattc	n					851

<210> 5094  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

<400> 5094						
ctcttgttct	ttttgcagga	tcccatcgat	tgaattcgg	cacgagattg	gattgccaca	60
cggtccacat	tgcattgcaag	tttgcctgagc	tgaaggaaaa	gattgatcgc	cgttctggta	120
aaaggctgga	agatggccct	aaattcttga	agtctggtga	tgctgccatt	gttgatatgg	180
ttcctggcaa	gccccatgtgt	gttgagagct	tctcagacta	tccacctttg	ggctgctttg	240
ctgttcgtga	tatgagacag	acagttgcgg	tgggtgtcat	caaagcagtg	gacaagaagg	300
ctgctggagc	tggcaaggtc	accaagtctg	cccagaaagc	tcagaaggct	aatgaatat	360
tatcccta	acctgccacc	ccactcttaa	tcagtgggtg	aagaacggtc	tcagaactgt	420
ttgtttcaat	tggccattta	agtttagtag	taaaagactg	gttaatgata	acaatgcac	480
gtaaaacctt	cagaaggaaa	ggagaatggt	ttgtggacca	ctttggtttt	cttttttgcg	540
tgtggcagtt	ttaaagtatt	tagtttttaa	aatcagtcct	tttaatggaa	acaacttgac	600
caaaaatttg	tcacagaatt	ttgagaccca	ttaaaaaagt	taaatgagaa	aaaaaannnn	660
nnnnnnnnnaa	aaaaaactca	gcctntaaaa	ctntnnngag	gcnttttcct	anatcccacn	720
tgataaganc	t					731

<210> 5095  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 5095						
gnntttnnnn	nnnnnnnttt	taagnaattt	gcnactcggt	ctttttgcag	ggatcccatc	60
gattcgaatt	cggcagcagg	attacatagt	gacatatatt	agcttttcgt	ccacatttga	120
taacattgct	aatattttct	ttttttttta	ctgaactctt	tgaatttaaa	gttttctctc	180
atttaaattt	attaattaaa	aacatacctt	tactctgttc	ccttttagcat	ttcaacctga	240
tgttaaaaaga	tgtgtatgtg	tgatatgtgt	gtttgaaatt	ttacttttca	tcttgaggta	300
tttaattctc	tgaagcagtg	catgactctt	gctcttcagc	ctcttgagag	tgccctgggt	360
ttatattcct	gatgatacaa	accctggaat	ttcttgtctg	aagtgtnaac	actttatttc	420

caggtcctaa	tttgatttga	atgggaag	ttcagattca	atgcattaat	gatttct	480
atgttgcttc	ttcagatttg	ccgacagaa	aaacctactt	atgtgaggaa	atcattaggc	540
tttttgacta	tcctctttgt	ataatgagac	tctttttctca	ttagatgagt	aaaaagatcc	600
agagatgatc	accagtatcc	cccagaattc	atatatatatt	aattgaaaag	aaacaaatnc	660
tgggattcct	tnctaaaaan	ggtggattac	atttcttgnc	tgntgnaca	tctttgnnta	720
acgngaagaa	aaataaaaat	attnattttc	caccc			755

<210> 5096

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 5096

gnnnnnnnnc	tttnaaatcg	cttggcnttt	tgcaggatcc	ctcgattcga	attcggcacg	60
agagcgggnt	ttntnntgnn	tgccnctcat	ttgtngnann	nantngactt	nataatntng	120
atgatnnann	nangtangnt	atgagnnatn	cacatnnnat	tnangntgna	nnatattcna	180
aggnannann	tnncnagacn	ntggntgggn	acntntcana	tngtttagac	tnngncaaag	240
gnnangtnac	aacggatnng	accncaccta	nactgagann	acctggancc	tcagnatcna	300
tcnggnaatc	gctcacnnag	tatacttnca	ncagnanntn	taaccttaga	tactcgatct	360
taaacttggn	tatccantnt	aaaaacngtc	ntttcngacg	gntgtntnnc	atcaancagn	420
nnatctnnaa	atctgnncan	aggancgntt	ttaaactcat	nnctggaatc	ctcagatnna	480
ggacccatnc	angnaggnt	gancntgnnt	gccctgt nag	cacgnanttc	canntgngtn	540
aactctcaca	atgngtttna	agaacncnaa	aggctggccc	ntgntcntat	gagtgtattct	600
ccctncttat	ctngggngnc	ncnattnaat	ctttggaaac	cnaannttcn	ntaatggttt	660
cccactgggt	nggaaccaat	tngaactgca	ccttccngtn	cctttantng	nggcaaacca	720
aancatncnt	tancattcca	tttgaccctn	nttttttaacn	ttaaanacnan	ccttgac	777

<210> 5097

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5097

aggntnnnt	ttgnnnctaa	tggctggcta	cttgttcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggccn	catgagatcn	cctgctnggn	ncnttgnnnt	ctnatggcca	120
ctgntatcnn	agcctgnnc	tgaaggtgca	ngctcacgcy	ncggagggtcc	nttgagaccc	180
agnctgcttc	natancagtc	cggtcnctca	nanctcccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnctn	tgtggncaca	ntaagattcg	ccngccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgngac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcatnt	gcttaaatan	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgncctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcgncgctt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaanttccc	t		761

<210> 5098  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

```

<400> 5098
aggntnnnt ttgnnnctaa tggctggcta cttgttcttt ttgcaggacc catcgattcg      60
antgangctc naggcagccn catgagatcn cctgctnggn ncnttgnnt ctnatggcca      120
ctgntatcnn agcctgnnc tgaagggtgca ngctcacgcg ncgagggtcc nttgagaccc      180
agnctgcttc natancagtc cggtcnctca nantccccac tggtanacnn ncatgtagnc      240
actgntgcag ctgactgcng nancnnctn tgtggncaca ntaagattcg ccgngccttg      300
cntgannann tactnntnat atcnatgant gctgntgan nagaactngc nnntcnatgn      360
ggactgtctt cagnacccta tatggcntcc ntggntctgt tnccgngac natttngcga      420
cngtfaatgt gccncattgt gctctnatgc cattcnatac tagattccac agaaggagac      480
cntgcatnt gcttaaatan tgctgntgaa nagctnntac cgaatcnna nagttcataa      540
aacgcctcct naggcagant ctgtnatcnt cngtagcatc ccnaatanga tcgatatgct      600
aacntacaac tgatgnctg ngantaatca anntcttnat ttantatcaa tgaaatgctg      660
ctcctggaac ttaacctgga atgggtgcagc tncaagcttn gtcgncgctt cncancttgg      720
tncccgattt ccnggccact tannccnttt gaaantccc t                               761

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<210> 5099  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

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<400> 5099
gngntgnnnn nttnnnngnn agnnnnnnnn ngnnngcttt ttagatcagc tcttgttctt      60
tttgaggat cccatcgatt cgaattcggc acgaggaaat gacaagatcc cacaaaagtg      120
ctgcagatga ttacaataga attggttctt cattatatgc tttaggaact caggattcta      180
cagatatatg caagtttttt ctcaaagttt cagaactgtt cgataaaaca agaaaaatag      240
aagcacgagt gtctgctgat gaagacctca aactttctga tcttttaaaa tattacttaa      300
gagaatctca agctgctaag gatctcctgt atcgaaggtc tanggtcact agtggattat      360
gaaaatgcta ataagcactg gataaagcan gagcanaaaa tcaagatgtt ctacaggccg      420
aacttcccaa caattatgtt gtcagaaatt tgaaaaaata tctgagtctg caaaacaaga      480
acttatagat tttaagacaa gaagagttgc tgcattcaga aaaaattagt ggaactggca      540
gagttagaac tgaagcatgc aaagggtaat ctacagttgc tgcagaactg cctggcagtg      600
ttaaatggag acacattaag ccacacttcc gnttttctgg ttaaaaangg ctggcctttc      660
cttcaaattt tatttttggg tttcttaaat ggatggttaa gccttttatg cctcactggg      720
aaaccaaacc aaaaagccac ttggaaaaag gtgcctnaa cttcctcttt tttctggaag      780
a                               781

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<210> 5100  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(797)  
 <223> n = A,T,C or G

<400> 5100  
 ttacnatnan tgtgcttgan ggcttgncc naaananatt ggctntggcg aattcggcac 60  
 gaggtgagaa ggtaggtcc ggctcagact gaataagaag agataaaatt tgccttaaaa 120  
 cttacctggc agtggctttg ctgcacggtc tgaaaccacc tgttcccacc ctcttgaccg 180  
 aaatttcctt gtgacacaga gaagggcaaa ggtctgagcc cagagttgac ggagggagta 240  
 tttcagggtt cacttcaggg gctcccaaag cgacaagatc gttagggaga gaggcccagg 300  
 gtggggactg ggaattttaag gagagctggg aacggatccc ttaggttcag gaagcttctg 360  
 tgcaagctgc gaggatggct tgggccgaag ggttgctctg cccgccgcgc tagctgtgag 420  
 ctgagcaaag ccctgggctc acagcacccc aaaagcctgt ggcttcagtc ctgcgtctgc 480  
 accacacatt caaaaggatc gttttgtttt gtttttaaaag aaagggtgaga ttggcttggt 540  
 tcttcatgag cacatttgat atagctcttt ttctgttttt ccttgctcat ttcgttttgg 600  
 ggaagaaatc tgtactgtat tgggattgta nagaacatct ctgcactcaa gacagtttac 660  
 anaaatnaat gttttttttg ctttttcaaa aacaaaaann tcntaaaaaa cctcgagccc 720  
 ttttanaacn tattantgag tccgtattta ccttanaatc cagaccctga ttangatcca 780  
 tttgntnaag nnttgct 797

<210> 5101  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 5101  
 gnnnttnaan ngctggctct tgttcttttt gcaggatccc atcgattcgc gaaggggaag 60  
 aacagatcct ctgaaatttc aaatngaaaag aaaagatatg ttagaaagga gaaaagtact 120  
 ccacattcca gatttctatg ttggaagtat tcttcgtgtt actacagctg acccatatgc 180  
 cagtggaaaa atcagccagt ttctggggat ttgcattcag agatcaggaa gaggacttgg 240  
 agctactttc atccttagga atgttatcga aggacaaggt gtcgagattt gctttgaact 300  
 ttataatcct cgggtccagg agattcagggt ggtcaaatta gagaaacggc tggatgatag 360  
 cttgctatac ttacgagatg cccttcctga atatagcact tttgatgtga atatgaagcc 420  
 agtagtacia gagcctaacc aaaaagttcc tgttaatgag ctgaaagtaa aaatgaagcc 480  
 taagccctgg tctaaacgct gggaacgtcc aaattttaat attaaaggaa tcagatttga 540  
 tctttgntta actgaacagc aaatgaaaga agctcagaag tggaatcagc catggcttga 600  
 atttgatatg atgagggat atgatcttca aaaattgaag ctgcaatatg gaaggaaatt 660  
 gaaaccgtca aaaangtctt gattcttgag aatgaatttg ggtagttgca gaagatccat 720  
 tggctcttaa gangatatat tttgagancc at 752

<210> 5102  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 5102  
 agagnnnnnn ttttatctct aatgctggct acttggttctt tttgcangat cccatcgatt 60

cgaattcggc	acgaggttgc	cgcgctc	cacttccttg	gccgcccttg	cgactggc	120
tgattgttgt	gcagccggcg	cgctctgt	gagcgagatc	ttcgtggagc	tgaggggctt	180
tttggctgcc	gagcaggaca	tccgagagga	aatcagaaaa	gttgtagaca	gtttagaaca	240
aacagctcga	gagattttta	ctctactgca	aggggtccat	cagggtgctg	ggtttcagga	300
cattccaaag	aggtgtttga	aagctcgaga	acatttttgt	acagtaaaaa	cacatctaac	360
atctttgaag	accaaatttc	ctgctgaaca	gtattacaga	tttcatgagc	actggagggt	420
tgtgttcgag	cgcttgggtc	tcttggcagc	atttgttgtg	tatttggaag	cagaaacact	480
agtgactcga	gaagcagtta	cagaaattct	tggcattgac	cagatcggga	gaaaggattt	540
catctggatg	tagaagatta	tctctcagga	gttctaattc	ttgccagtga	actgtcgagg	600
ctgtctgtca	acagcgtgac	tgctggagac	tactcccagc	ccttcacatc	tnccacttca	660
tcaatgagct	ggattccngg	tttcgccttc	tcaactgnaa	aatgactccc	tgaggaaccg	720
ctacgacnga	ttgaaattga	cn				742

<210> 5103  
 <211> 1245  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1245)  
 <223> n = A,T,C or G

<400> 5103						
gcntnccctt	gcatacctaa	nagctggtn	ttctttttgc	aggatcccat	cgattcgctc	60
tgtagattcag	agcccttagt	tgagagcccc	tgccgccctt	gccaccccc	tgccccgctc	120
ccaccattgc	ccctctcag	ctgtgcaagg	agaaagcatg	cttaggaagt	tttcagggtcc	180
ttgtgataaa	acctccttaa	atctgttcag	accaagcaat	gcgagcttcc	tctctgtctc	240
catgttgga	gttgctctga	aggggtggta	gatgctggaa	gccagacaca	acctgcgta	300
cgctgctcag	ttggtggaga	ctggggctgg	gactggagtc	agcccagctg	ggaggagggg	360
ctggggagga	tctgnannng	cangcccnan	nnatcntntg	cntntccctc	ntccnctct	420
tnntttatc	antccttnnc	cctctnnccat	ttnnatnnnt	nnactccctt	nnactcnttc	480
nnccantctn	tatctcnca	tnntccttct	ctcctannta	nnntcacnct	cnactctct	540
tnacttncn	atcacnntca	ccttctcttc	tctannccct	atcnactctn	tnnnnccna	600
tcnctcncc	ccttnaccnn	ntnacttana	cctcccnatc	tctnnatntt	canctntnta	660
tctacactct	ctntccntct	catctacann	tnnatatenc	nnccatnana	cactcctntc	720
tctcacnctc	ncncannntc	actcttactn	ntactnnntn	ncnnaacta	cncacacttn	780
tctattnctc	tnctnnactc	tnctatncta	ctctcctnct	cttatctntc	tctcnncnca	840
ttntacttct	tcactctccac	tnctncanct	ncctctctct	cntctntanc	ctctccnct	900
ancattcttc	tttcattnnn	acnccntcat	cnnttanccn	ctatctnttc	tnctntccnc	960
tctnnccncc	cncactctcn	ccatcnccnn	ncnctntcna	cannntctct	cctcccntac	1020
ctccacnnnc	tctccnccct	ctcatatact	cttctcanat	atctctnnnn	atnctcacc	1080
tnccacnana	cntcaatncn	ncttacctta	nnccntnnan	ccatnctnac	cctctctact	1140
cttnnacnta	ttctcncatt	ctnccttcac	ttatctntat	tnctctntn	tnccntant	1200
ctcncncttt	ctcatctccc	tnnctcacat	cactctacnt	ncctct		1245

<210> 5104  
 <211> 1701  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1701)  
 <223> n = A,T,C or G

<400> 5104

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ggggctnann	ttnatgggtc	ccentnnnnn	actcnatgnt	ctntccta	atntcnntg	180
ntnctccttt	cgcngcntta	tctnntgtca	ntntcntnnt	cncctctttn	ctcatccant	240
ntnttacatc	tcctctgncg	angcnctcan	nnannncncg	cnnennnaca	tatacctntc	300
tttcnncctc	atnnacntat	acnnntctcn	ctcnccatan	acctctttnn	anctactcnt	360
nttatccnct	ctcctactct	ctccgtcnen	ngttencann	tatcatatac	ccncttgcta	420
tcgtccctct	tcanncttct	gcnaacctct	ctnacctntc	tcctnccnt	ngcctanttc	480
atcatnctat	cccntctnnc	atcccacna	cantttctacc	actcccanca	cccccttcc	540
antctccntc	ctntcnaatc	tnnnnntttn	atatctnaut	cncntctecn	cctatcntct	600
ttctcctntc	nctntnccac	cnccecnctn	atntcnentt	cnnctnnnt	cngntnccna	660
cccccttnat	ccctacacac	ctctnnnnnn	acntctcggn	tttctctnt	cntctntaac	720
atccactnca	nctatctttn	atctannctc	tanctcance	ncctnnccat	actatccata	780
nccanantnn	ttcaanntct	ccnaccnctc	ctcnncactc	tnttatctct	ctnngnnctc	840
tncnctctc	tntcactcta	nattcttata	ctntttcnta	ctacctntcc	nctctatnac	900
tnnnctactc	acnnntnctn	atctctctct	cctctnanac	tenctcactc	cttatanatc	960
ttcnatncta	tcacactann	ctncnctnt	cntactnata	tcttntnttt	ntctctcaca	1020
ctntacatca	ctnecganc	atcnntctcc	tcantacnnc	cnnccctct	ctacatatat	1080
attcctctc	tctctctntn	cntctctntc	tcctctntct	ntcatnanac	ancactnact	1140
ctncatctnt	ctctctatnn	ntntcentca	ctcacattct	ntncacncc	anttnccnct	1200
cncgatatct	ctanntctcn	acntctctct	actnctntnt	ctcnatccc	actctatnat	1260
acntcncncc	tatttnccnt	actctctcta	catacnctc	tctncttctc	cactctctct	1320
ctctctctcn	aanttncc	tctnctnttn	ntcatntctc	cnetcaacct	ntatcnctcn	1380
anatchncta	nnctagtctc	tctntannca	ttctcntatc	cnnntcnat	ntcacacanc	1440
nnataactnt	ctncatcact	cctcactctc	tntatnctct	ctctcntnta	tactctctct	1500
acntntcnnt	ntcatccana	cacattnttc	atnctatatn	ntccnncnc	tctctctct	1560
ctnttcatac	atctacncac	ctatcctntc	cactctctcn	tctcatnctc	nncatctnt	1620
ctacnnatcn	ctctctnnta	ncnatnctnn	ctctncacat	atctcactct	cactcatctn	1680
tctnctcnc	ncntctccc	t				1701

<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 5105

agagnnnnnn	nntntttctt	tgcttantgg	cttgggctcc	tngttctttn	tccaggnagc	60
ccatgcgatt	cgaattcggn	acgaggtgtg	aaagngaact	tttaagggag	gttctgtctg	120
tnccagaaac	ccttcaagaa	aaagcgaagg	nntttctcag	agctgaagat	caagcgctg	180
agaaanaagt	ttgcccaaaa	gatgcttcta	naggctagga	ggaagcttat	ctatgaaaaa	240
gcanancnct	atcacaaggc	atatnggcng	atntacagaa	ctgnaattcg	aatggcgagg	300
atggcaanaa	aagctggcag	ctcntatgna	cctgcanaac	cnaanttggc	gtttgtcatc	360
agaatcagag	gtatcaatgc	gagtgagccc	aaagggtcga	anggtgttgc	agcttcttcg	420
ccttngtnaa	atcttcaatg	gaacctttgn	nnngctcaac	atggcttnta	ttaacatgct	480
gangattgta	gagccatata	ttgcatnggg	gtaccccaat	ctgaantcag	tncntgaact	540
aatctcaaac	gtggnnatgg	caaattcaat	annaagccga	attgctttnn	cagataacgc	600
tttgatngct	cnatctcttg	gtcaatacgg	catcatntgc	atggangatn	tggttcatga	660
aaactatact	ggtgnnaaac	gcttcaaaga	ngccaattac	ttcctgtggg	ccctcaaatt	720
gnntntcca	cnantgggaa	tgaagaaaan	gacccc			756

<210> 5106

<211> 748



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(748)  
<223> n = A,T,C or G

<400> 5106  
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attcgaatgc ngcncgaggc nttagttgct nnttgaaaag ggaactgcac ntgacnнат 120  
catggaanga tagctncact ncttnccgac cttggtcaca ggccgncatg agganggact 180  
gttccantgc tncngngggc nctgnctn gnctcatcac tggnccttagc tttggagtac 240  
ncaactccaa gtggcccgag tctagactct atcaaatncc aactgatag caacaatgan 300  
tgcactctgat gtgtgctgct ggcnatctta agcccaaaat gcttcaaaga tnaaacagnc 360  
atatacattn aagatacata tanaaatngt nnaattngaa tgtatacaan ntagattacc 420  
ctaacgaact tcactacaag aaatncatct tatatccnng cacnnaaatg tgganntnta 480  
catgaaagga tataccggtt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540  
ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600  
aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660  
cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720  
tagaactata tgagtcggnt tacgtann 748

<210> 5107  
<211> 674  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(674)  
<223> n = A,T,C or G

<400> 5107  
gttttctcct gttacatcat gctgaatcct ttcccttagc cattagcttt tattatgtgg 60  
tcttcatagg aaagccaccc tggtgccaag cctagcttgt ggggaggggt atgtgttcca 120  
gaaactgctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180  
caactgcttg gagctccaca cttccctttc gcgactcagg ctctgggtgt gttgccaaat 240  
ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc 300  
cagaaggcta gcaattcagg tgttaccgct attgctgtac cttgtgttag gacattgtgt 360  
ttgtgcatgg actgtgcctc caaactcagt agttccgtat ctaaataata agtantgtta 420  
gaaacctgaa agtacagaat ctcaacctta cnagtctttc ccttagtctt gtggccttcc 480  
taagccagct gttaaccgtg ttgattcctt ccacttcccc caaagtaagg caggcaacag 540  
atatgttgat tgtcttagaa agtaatctgg ttcctctgaa ctccattgaa ttccagtttg 600  
acgcatactg cctggaacca gactgtttgc ttacagcttt ttaaagaaaa atctgncttg 660  
gtcctgnccc cant 674

<210> 5108  
<211> 589  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(589)  
<223> n = A,T,C or G

<400> 5108

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caagtgtggc	aaaggaactc	attgctctcg	aatgcatat	atgttggttt	atagactgca	120
aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	tttcttcaag	agctggtaka	180
tccgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaag	gttacctgct	300
ggagctggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaactttc	tcaaacttac	tctttctaata	aaccactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggtcag	cactctgcat	ccctggagta	ttgttggtnt	ttatatattt		589

<210> 5109

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(660)

<223> n = A,T,C or G

<400> 5109

aaggggaagga	ggctgctggg	tagcaaataa	gccccttctt	ttcttggtga	gttgatgacc	60
tccaatagct	cccagtgkca	ygrgkaccca	gtacgcatta	gctgggtgtg	ggttgattga	120
gacctggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgttagga	180
gttatcctct	ttgcctggcc	tttgagaata	acttactgtg	tgactttggg	caagttcctt	240
ccccactctg	ggcctcagtt	tctcacttgg	gaaagcaagg	agtttgacca	gatgatcaca	300
atgggccttc	ctagctctgg	ccaccaagaa	tttgtgaaca	ttagagctcc	tggctctggtg	360
ggtagagcca	gagctgctga	ctgggtctctc	tgccctccaga	ggggatttat	tggacctcag	420
aggtggcagg	gccctatgga	gcaccaactg	ccctcaaccc	cacctgtgc	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgcccaagg	agggacagag	540
catatctttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgcaagta	cctcacagcc	600
ccctgtgggc	acagncaccc	tgagggtttac	ccaggcaaat	atattgatta	gcaggaaaaa	660

<210> 5110

<211> 615

<212> DNA

<213> Homo sapiens

<400> 5110

ccatagcctg	ttgagtgttc	ccagatgtga	ctcacctttc	tgctgccctc	ttcatgcagg	60
cctactgact	cataakkcac	gwkggtcccaa	aagccacccc	acaagcctga	gccaacctgc	120
tgccctgacg	cacagtcatt	ggcagagggtc	tgggcattat	taatytataa	aaatccatgc	180
tttacacctg	gacagtasac	agggacttca	gagattgcac	gttkgaatac	attctcccaa	240
gactgagggt	gttcggtttt	aattcctgta	gtccaatcac	acaatttctt	atggaaaacc	300
ttttgtgttt	ctggtattta	ataacttgaa	gggatagcaa	aatatactgt	gtattcagag	360
ggcctctctg	cagctgctag	ctcagacacc	aaaggggttaa	ggcccaggac	attcatatct	420
ttaaaagctg	caaacctgggt	aacctttaaa	cttttaaaaac	aaatgtcata	tggggtaaca	480
ctgacctttt	ataatttgat	gtctcaaattg	tagagattat	ctaaaaatcg	taacttgaat	540
accttgtaat	ttttctctta	aaaaagaaga	cttgtgtgaag	tctctgcatc	aacgccaata	600
aacatgttgc	ttaat					615

<210> 5111

<211> 937

<212> DNA

<213> Homo sapiens

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<400> 5111
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ggccggcctc tatcattttc tgactcagca gctccaccaa aattgacatc ctagcaaaca 120
ctgtgaagga attaacctaa gtsyttccag agcatctcat gtaacctcta tggagtaagt 180
cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240
ctacatggag gaagatgatt cagtgggtgg gaaaaatgaac ctcggtaca tttccaatgt 300
ccttcaagag ggaaacaagt tcagtgttat catcgtggca ttcgttagtt tttttttttt 360
aaatcacktg tttagataca actttatttt tttataccta catagcacat gactgggggg 420
ataaagcatg tataagttgg gagagggtaa agaatgtgtg actatgtata cagaaaatag 480
actaaaatgt gcagcaaaat gatataact gtaatctggg ttttgaagta tctactattc 540
tggaatattg ttaaacaact ttttgctttt gaaaaaaaaa aggtgccttg attcagttgc 600
gtgacttaga acattcatcc tattttattg tgatttttaa tgtcttctga ccccaaactg 660
tgtttttggg tgcagtctgg cggctgcagg catagcgctg gttttgttcc aataacagag 720
accaaagagt taatcagata tggttcagct gctacaattg tatgattcaa aggcaattta 780
atcaccccaa atttccatgg ccccccacgt caagacctgc cattcgtttt ctcttgacgg 840
ttggagtaaa tttgcacttt gaatcatgtg ggtcatttgg ggacctgtt cttttctatt 900
ttgctttatt aataaaggaa cttgtagaaa aaaaaaa 937

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<210> 5112
<211> 653
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

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<400> 5112
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aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
ccaggaactg tcctggcaga taagacagac tgtgmaaggc catcgtcaty ggcattgggaa 180
gggcattaat taccaaagtg gagacasagt cactgtctcc aagagcattt ggaatcactt 240
cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300
atactgtgat gaattgcttc acatatctga gttctgatgg gaaggagtcc aagtgcggta 360
gctgtagaga acgctgggga agcccagttc tatgtagctc acgtatgaaa ggaatattca 420
tgaagagnaa aacagaggca ttatttgaga ttaactgcct gagaaacctg gtctaattcc 480
aagtgtctag aaaatgttga ctacttgcca tgtgcccagt aagggtgctt gagctttata 540
tgnatcctct catttaacct tgtgacatag ttatgctggg anaccttget gcgttcgtgt 600
acnttgaatg aagttgaagc ttaanggaag gttaaaacnc caaccnaac tga 653

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<210> 5113
<211> 559
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

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<400> 5113
ggaagaggat gactgggtat gctgtgccac cttgagggc catgaatcca ctgtgtggag 60
cttgggcttt gacccgagtg gccagcgctt ggcgtcttgt agtgatgacc gtactgtgag 120
tatkrgcgt cagtawctac caggcaatga acaaggggtg gcatgcagcg gctctgaccc 180
cagttggaaa tgtatctgta ctttgtccgg cttccactca aggaccattt atgacattgc 240
ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgcga tccgctgtkt 300

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tcaggaggat	cccaactcgg	aacacagca	gccacacctc	tcctganag	cttgca	360
tcaggcccat	tcccaggatg	tctgtgt	ggcctggaac	ccaaggagc	gggctact	420
ggcctcctgc	agtgatgatg	gggaggtggc	cttctggaag	tatcagcggc	ctgaaggctt	480
cttgaagctn	acctcgactt	ttggacagag	taatggactc	cccagaaaac	gttcatataa	540
gaattttacc	agncccttg					559

<210> 5114  
 <211> 554  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(554)  
 <223> n = A,T,C or G

<400> 5114						
gaagagcttc	tgcaggggct	gagcagaccc	cagggcctct	tagccaatcc	ccgggcctgg	60
tgaagcaggc	gaagcagatg	gtcggaggcc	agcaactacc	tgcacttgcc	gccaagagt	120
ggcaatcttt	taggtctctc	gggaaggccc	cagcctccct	ccccactgaa	gaaaagaagt	180
tggtaaccac	agagcaaagt	ccctggggcc	tgggaaaagc	ctcatcacgg	gcagggctct	240
ggccmwtagt	ggctggacag	acactggcac	agtcttgctg	gtctgctggg	agcacacaga	300
cattggcaca	gacttgctgg	tctcttggaa	gagggcaaga	ccccaaacca	gagcaaaata	360
cacttccagc	tcttaaccag	gtccttccca	gtcacaagt	tgcagaatca	gaacagaagt	420
agtaccaatt	caatgttcac	atgaacaaac	aagctgcccc	caggggtacc	attttgggga	480
gggggaatct	ttttttttct	tttccccttt	aaaaaaaaac	acntttgncc	cgaacatttt	540
cccattttnt	tttt					554

<210> 5115  
 <211> 477  
 <212> DNA  
 <213> Homo sapiens

<400> 5115						
gctagactca	agctgtctgg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcctaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtagcagt	atctcagagc	ctccgtctcc	tatcagtcgg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgtgg	agaaggggtct	gaaatggtag	gcaaagagaa	300
tagttcccca	gagaataaaa	actggttgtt	gccatggcag	ccaaacggaa	ggctgagaat	360
ccatctccac	gaagtccgtc	atcccagaca	cccaattcca	ggagacagag	cggaaagaca	420
ttgccaagcc	cgctgcagtc	tgcaaaggtc	ttcacaaatc	agaatcaact	ggttaatt	477

<210> 5116  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 5116						
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tagatttgga	gttgtccaga	cgacactacc	agctatcctt	aatactttgt	tgacactgca	180

agaggcagtc	gacaagtact	tggcttcc	tcattgcttcc	agtaaaccac	gatttc	240
aggaagcctt	gtggacactt	ctataaaac	attaagattt	gcattcagag	cactgaa	300
aactgccatc	tatcgaataa	ctactacatt	tggatgaacat	ctgaatgctg	tgcaagcatc	360
tgcagaacat	cagaaaagac	ttcaacagtt	cttgaggttc	aaagaatagt	taagtaatat	420
aaactgtgtt	cattacactg	ctgatacaac	tacagatggg	acagtaaagt	ttcagcattc	480
ttggatcaga	agaaaacgga	ctaattagat	gcttcctttg	tcgtggtggt	tgctttgaaa	540
actatacttt	aatgggagaa	atcatggaaa	gaaattctca	acagaataac	tgaaaactgc	600
cttttctgta	ccgattgctt	tttgtgtgtg	tggatataata	aaatctttat	tcaattttac	660
agaagcattg	atggcagtc	gaaatgtctc	tagctcatat	aacttaatat	taataactaa	720
aaaactttta	gaatttactt	ttgaaaggag	ggaagccagt	tctgaaatga	gtatagggtg	780
atttcatagt	ccncctaatt	aagagtttag	ctcnttggtg	aactccaaat	acataaaactt	840
tttaagtggg	gttcatttta	ctggaaggat	taaaatgggt	acagtgccag	ccatattcnc	900
caaaaatatt	gtctaccggc	ntattttggt	aanccgttag	gttgggggtt	tggttcc	957

<210> 5117

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 5117

cttttttaag	caaagcagtt	tctagttaat	gtagcatctt	ggactttggg	gcgtcattct	60
taagcttggt	gtgcccggtg	accatgggtc	tcttgcctcg	attaaccctt	ccttcaatgg	120
gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgttcgg	cctctcctgt	180
taaacaaaaa	cattctaaaa	gccattgttc	ttgcttcatg	gacaagaggc	agccrgagag	240
agtgccaggg	tgccctgggc	tgagctggca	tccccatgtc	ttctgtgtcc	gagggcagca	300
tggtttctcg	tgcatgtctc	agacacagcc	tgccctagtc	ctaccagctc	acagcagcac	360
ctgctctcct	tggcagctnt	ggccatgaca	accccagaga	agcagcttca	gggaccgagt	420
cagattctgt	tttgtctaca	tgccctctgcc	gggtgcccgt	attgaggcac	ccagggagct	480
gttactggcg	tggaaatagg	tgatgctgct	acctctgctg	ctgcactcac	agcc	534

<210> 5118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5118

caytygkcag	gggmsagggg	acagcaaggt	gggaggttga	agagctttga	ggctcagcag	60
catgtttgtg	gcattcggtg	gacaccatgg	ccttgggcgg	ctggacaggt	ttttgtgatg	120
tgarggacay	gcatggggca	catggtaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggtttttagga	ccccacccc	catgcctgta	ccagggctgg	cctccagagc	gggtgaggac	240
agagcagctg	tgggcttttc	attctgaggt	cttgcccccc	ctggccaccg	caagggactc	300

<210> 5119

<211> 598

<212> DNA

<213> Homo sapiens

<400> 5119

tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggtagca	agaacgtctt	cagcaccttc	cgaaccctcg	cagtgtgtgt	120
cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagcccag	ttgttcaact	gtatgggttg	actactgtta	atagcactcc	tcacctgggg	240

ctacatcagg	tattctggtc	a	tcgtga	gctgggcgga	gctattgatt	t	tgccgc	300
atatgtgttg	gagcaggctt	c	ctcatat	cggtaatcc	actcaggcca	ct	tgaggga	360
tgcaattgtt	ggaagaccat	cc	atggataa	aaaagctcaa	tagcatctta	acgtgaagat		420
caaacaagaa	cacaacaagc	cc	tactgat	ttctgggttt	ctgccacggc	cacaggttca		480
tatccagagg	aatggcagat	ct	gagacgat	ccaggaagag	ctaaaacatg	gccctgtaat		540
aaatgagcag	acctctcctg	tg	gtttcaaa	ttattaaaca	cacttcatt	tctcttgg		598

<210> 5120  
 <211> 1416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1416)  
 <223> n = A,T,C or G

<400> 5120								
agtgaagtgt	cttaccacaaa	atccagtatc	cttgccatcc	ttgccaaatc	ccactaaacc			60
aaacaggcgt	tccttctgtg	cccagtccta	gtattcaaag	gaacctact	gccagtgtg			120
caccattggg	aacaacactt	gctgtgcagg	ctgttccaac	agcacactct	attgtacaag			180
ccacaaggac	ttctttaccc	acagwgggccc	catcaggact	ctatagtcca	tcaactaatc			240
gaggtcctat	acagatgaaa	attccaattt	ctgcatttag	tacttcgtct	gctgcagaac			300
agarcagmwa	taccacccca	agaattgaaa	accagacaaa	caaaacaata	gatgcttctg			360
tcagtaagaa	agcagctgat	agcacatcac	agtgtggaaa	agccactggc	agtgattcaa			420
gtgggtgtcat	tgatctcaca	atggatgatg	aagagagtgg	agcttcacaa	gaccccaaaa			480
aactaaatca	cactcctgta	tcaaccatga	gttctttctca	gcctgtgtca	cgaccattgc			540
aaccataca	accagcaccg	cctcttcaac	catctggggg	gccaacaagt	ggaccatctc			600
agaccacat	acacttacta	cctacagctc	caactaccgt	gaatgtaaca	catcgtccag			660
taactcaggt	gaccacaaga	ctccctgtac	caagagctcc	tgcaaaccac	caggtgggtt			720
atacaactct	tcctgcacca	ccangctcag	gctcccttgc	gaggaactgt	tatgcaggct			780
cctgctgttc	ggcaggtcaa	tccccaaaat	agtnttacag	ttcgagtgcc	tcaaacaacc			840
acatatgttg	taaacaatgg	actaaccctg	ggatcaacag	gacctcagct	cacagtgcac			900
caccgaccac	cacaagtgc	tactgagccc	ccacgccccg	tgacccagc	acccttacca			960
gaagctccac	aaccacagcg	tctgccccca	gaagctgsca	gcacatctyt	gcctcagaag			1020
ccacccact	tgaagttagc	acgcgttcag	agtcaaaatg	gcatagtact	gtcatggagt			1080
gtcctggagg	tggatcgaag	ctgtgccact	gttgatagct	accatctcta	tgcttaccat			1140
gaggaacca	gtgccactgt	gccctcacia	tggaaaaaga	ttggggaagt	caaggcactt			1200
cccttgccca	tggcatngtt	actctcacc	agtttgatc	tggtagcaaa	tactactttg			1260
cagtacgagc	caaggatatt	tatggacgtt	ttggtgcttt	ctgtgatcct	cagtcaacag			1320
atgtgatctc	ttctaccag	agcagttaaa	cttgggagct	ttaaaatttc	ccctttaaaa			1380
tttcaactttt	gggcctgggt	ttaatctgtg	catgaa					1416

<210> 5121  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5121								
gctgcacatg	caatgaggat	gccaccctac	gctgcgctgg	ctgcgatggg	gacctcttct			60
gtgcccgtg	cttccggtgg	gtgcagggtg	aatgttctgt	gcgagagctc	aagggtgcc			120
tggatccctg	acttgatccc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa			180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc			240
tggctcctccc	ggaagggcag	tcccacaggc	agcggcacc	atttctgggc	cccgccacag			300

<210> 5122  
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 5122

gtccttgtcc	agcctccaag	acccacaagt	cccttcctct	gggaagcccc	cctggcctgg	60
aggtgcacca	ggaagaagt	gtctggggct	ggcactaagc	catggcccag	ggaagactgg	120
gggaccact	aggccaggat	gagacctgca	cgcagtggct	cacagcagca	cgatttgtga	180
cagcccgagg	cggagaacac	cgaacaccca	gtgaagggtga	ggggatcagc	acggcgcggc	240
cacccacgca	cccacgcgct	ggaatgagac	tcagccacaa	ggaggtgcga	agctctgacc	300

<210> 5123

<211> 634

<212> DNA

<213> Homo sapiens

<400> 5123

caagagagag	tgatagaatt	ggcagtgaaa	tatacgaacc	accctcctgc	cctctggggt	60
cacaatacgt	gtacacttga	ctgtgaagt	gctgtgagag	tgggtggaga	gttcttcttt	120
gacctcagc	ctgcggatgc	ctctagaaac	ctcgtgttga	ttgcaggagg	agtcggaatt	180
aacctctgc	tttccatcct	gcggcacgca	gcagcatctc	ctcagagagc	aggcaaacia	240
aagaaatgga	tatgagatag	gaacaataaa	actattctac	agtgcacaaa	ataccagcga	300
actcctgttt	aagaaaaata	tccttgatgt	agtaaataaa	tttcttgaga	agattgcatg	360
cagtttgcac	gttacaaaac	agactacaca	aatcaatgcg	gaactcaagc	catacatcac	420
ggaaggaaga	ataacggaga	aggagataag	agatcatatt	tcaaaagaga	ctttgttcta	480
tatttgtggc	ccacctccaa	tgacagactt	tttctccaag	caactggaaa	acaacctgt	540
acccaaagaa	cacatttgct	ttgagaagt	gtggtaggag	gcagacaaag	gcagaaaaaa	600
taaagaggtg	agatctactc	aggaaaaaaa	aaaa			634

<210> 5124

<211> 672

<212> DNA

<213> Homo sapiens

<400> 5124

ggccaaagag	gtgctacatg	cattgaaaga	aaagggttact	tcaactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtatttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccamc	atccccagtg	aaactttaag	aggagccrgt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300
cacacaagga	gtaaagcctg	actggaccat	tgcacggatt	gaacactcaa	aattattaga	360
ataattttct	tggaaaaatc	agcttatgga	cttttagcag	tgtgtgaaa	aactaaggaa	420
gaaaaatttt	ggggtcattt	gatcttcact	taatctaagt	ctgtgaatta	cttttatatt	480
attttgaaat	actccttgca	gtatattggc	atgatacagt	aaaagcattt	tccacagatt	540
gttatcacct	tctttaaaag	aagtcaaaat	ttaaaaaata	caatagcacg	ttgttggtgt	600
catattcaat	aacatttcca	atgctacata	taattttata	gacataataa	agaaggtatt	660
gaaaaaacta	aa					672

<210> 5125

<211> 738

<212> DNA

<213> Homo sapiens

<400> 5125

catttgtaaa	gctgcaggga	aagaggttcc	acttcccagc	aaccccatcc	taatggctta	60
tggcagtatc	tcaccttcag	cttatgtatt	agagattttt	aaagggatca	agtcgagtga	120
gctggaagaa	tctctacatt	gtgctgcctt	tctcttatgt	cccagacatt	cttaaaactct	180
ttaacgaatt	cattcagctg	ggctctgatg	ttgaacttat	atgccggtgc	ctcttcttcc	240

tccttaggat	tcacttttga	ctcacta	gcaatcaa	gcttgtgcca	gcttagaaa	300
aattaaggga	aacaaytatt	tcctaaagtca	gccaaagtccg	ggatgttatc	ggcttcaata	360
tggtgtgtct	tgattatctc	aagaggggaat	gcgaggcaaa	aagtgaagtt	atgttttttg	420
ctgatgctac	tagccacttg	gaagagaaga	agaggaagag	gaaaaagagg	gagaagttga	480
ttctaacgtt	gacttagaac	tgaaatgtgg	tatctttttt	tttttcaaca	tttttccttt	540
aaaggactcc	taaactaagc	acagaagagt	tggcgtcac	ttaaaaaatac	caagtaacag	600
aagatcgcat	tgcagatgat	atcaggatgt	ggtttccagc	tttgcctgag	ggaattccaa	660
catgagatta	tgggctggct	ccatttcttg	gacttaaaat	gcattattag	tttaaaaatc	720
tttctgtgct	ctcaaagc					738

<210> 5126

<211> 1203

<212> DNA

<213> Homo sapiens

<400> 5126

gcactgtttt	agctcttgcc	aaacctcctt	cgccctgtgc	gccaggtaga	agcagtcagt	60
tctcggcagg	ggccgaccgg	gcaacttccc	cccttgtgtc	cctctaccct	gctttggagt	120
gccgggccct	cattcagcag	atgtccccct	ctgccttttg	tctgaatgac	tgggatgatg	180
atgagatcct	agcttcgggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaaagt	gcacagagac	ccgccccag	acaagagttg	atggagaccc	agggattgga	300
caccatctcc	caaccccagg	gactcgggca	aggggtgccga	agatagacaa	gaggcacaca	360
gagacagacc	aactggcagc	caggcagccc	cagaggagag	agacattcag	acagaggaaa	420
gtctccctgc	ccctcattcc	ttccaagatg	agaaaaactt	gccgccaccc	cccgcactg	480
atgccaggga	ggtggggagga	agaagtggga	aatttccctt	cccagtaccc	ccaagaacgt	540
ctgagccttc	aatgttgaat	tttttcttta	ttaaaattac	ttttatctta	taaaatcaac	600
taatcaaaaa	tgatatagac	gacagcactg	gctctgtgaa	ggtggcatct	ttctgggcag	660
gcaggccatg	gggcatggag	gaggggtgcaa	agatatgggt	tgctgtcttc	tggcctccag	720
ctgcatggag	gccggcccag	ggtctaggg	gtgcactggg	caagggcagg	gcggcagggtg	780
tcaggccggc	ttggacaatg	aaaccctgac	cttgctgcat	tccttttgct	tccaccacca	840
ctagcttctt	tggaaatctt	gggtgggggt	catctttggg	gattatggct	gccacccggg	900
atgtgagtgt	agggagtgtg	ggagcagcct	tggcagatkg	gcacccgtgc	cctgcagggtg	960
ttgacaagat	ccgccatctg	taatgtcctt	ggcacaataa	aaccaaagt	cagtttccct	1020
gagccccgac	tctgttctgt	gtggggcagg	ggttggggcg	gcctctgggc	agaggatgca	1080
atggcacgga	ccttggtctg	acctcagagg	tgtgaatgct	ctccagcagg	gtctgtctgg	1140
gggcctggag	tttgtatttg	atttgctgct	tattaaacct	ccttctggac	ctattgccac	1200
tgg						1203

<210> 5127

<211> 669

<212> DNA

<213> Homo sapiens

<400> 5127

aattactgga	acccgggagg	cggaggctgc	acagtgagcc	aagattgcac	cactgcactc	60
caggctgggc	aacagagtgt	gactccgtct	caaaaaaaca	aaaacaaaaa	saacttcksc	120
ctmckmsrca	gactcctccc	ctggtcacca	ctagtgatcc	accttatgga	tctcccaagg	180
ccacctctgc	ctctgctctg	tgttgattta	tttgggggac	ctgtggtctg	gcatgcattg	240
tacttggtks	cccaaagggc	tgtggcatct	gataagtgat	ttatcctcag	gcacagattt	300
gcactatgtc	acccacttac	ttgtatgtag	aagtgaagtc	ccggctggca	aatgggcata	360
gctgctgggc	agtggatgca	gctccatgca	tgttattctc	atttgatata	ggatctcatt	420
ggcttctcac	agcaatcctg	tgcactatag	gtattgctcc	cggaacaga	tgaggaaaca	480
ggagagtgcg	agattacagt	aattttgtaa	atgggaggat	ttgtgaaggt	ttcagacata	540
caccctctct	catatgtcaa	ggatatgaag	tctaataaat	cccctaaagc	agcaggggtt	600
ggcaagcttg	tgcctggggg	ccaaatcagc	ctactgcctg	tttttgtaaa	taaagtttta	660
ttggaacac						669



<210> 5128  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(476)  
 <223> n = A,T,C or G

<400> 5128	
ggtgccatgg agttcaccat ctgcaagtca gatatcgtca caagagatga gttcctcaga	60
aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc	120
atcgcccctg ccaacattga agctgtggcc gccagaaca agcactgcct gctggaggct	180
gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac	240
cgggtgtgtg agaagaacat caagaggttc agaaagctgc tgccccggcc tgagacggag	300
gaggagttcc tgcgcgtgtg ccggctgaag gagaaggagc tggaggccct gccgtgcctg	360
tacgcsacgg tggaaacctga catgtggggc agcgtagagg agctgctccg cgttntataa	420
ggacaagatc ggtgagnagc agcgcaagac catctnggta gacgaggacc agcttt	476

<210> 5129  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 5129	
aatcccacaa agcctagcac caaacttctt tttttcttcc tttaattaga tcataaataa	60
atgatcctgg ggaaaaagca tctgtcaaat aggaaacatc acaaaaactga gcactcttct	120
rtrcamwarc ymkagactrk tswcwmwcag atggttgctc agggacaagg tgccttccaa	180
tggaaatgcg aagtagttgc tatagcaaga attgggaact gggatataag tcataatatt	240
aattatgctg ttatgtaaat gattggtttg taacattcct taagtgaat ttgtgtagaa	300
cttaatatatc aggattatng aaanaatatt ttgtggtata	340

<210> 5130  
 <211> 610  
 <212> DNA  
 <213> Homo sapiens

<400> 5130	
gttaacttct ctgagagagt tccttgtaag gctacttata aatagtagta tatatatata	60
tagtttatgg cagggaagat ctgggaagta agcaaaaaga gccttttagtt aggcaacata	120
gaacaaaata gaggtcacag gttccatgca ctgaagaatg gaattgaaat agagactcca	180
gggtcataga ctcttggaag gaagactaga gtacattcat gaccctcacc cttaattact	240
tcacaggtga gaaaaccaag agctacagaa aataagttat tcctcagywc cagggcctrs	300
ytcttgagg aattgggtta aaattcaaaa taaccttcta aaaaattctt tcagaaacga	360
gtagtgaag ccagtggatc aaattcagtg atagttaaca gagaaacagc agcatagata	420
agtaagccaa tttaatgtag ggagcaacca ctagtgtaca tgatctcagc tcatctggta	480
ctaccaagta aaaatgaacc tgggccagcc acagtgactc atgcctgtac tctcagcgct	540
ttgggaggcc aagggtggag gattgtttga ggccaggaat ttgagaccat cctgggtcaac	600
atagcaagac	610

<210> 5131

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5131  
 ctgtgaagta tatgtaacat gagcgagcgc taggggaacg cttcaaagca gtaggcagac 60  
 atcattgtgg agctaaacta agcacagtgc ctatagacca ggggtgctatg aacaggcgga 120  
 aagagtgttg acaatcagaa attgtcaatg gtaattgcaa ataggaagac gcaagggcag 180  
 aatggcagct gcaagcactg atttgcaatt atgccacttt cactgggaac tctgagtact 240  
 ccagggtggg tagctgctgc agcttgcttt cttctaataga ggattaatga ttactttgag 300

<210> 5132  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5132  
 gcatcctctg atggcactgt aaagatctgg aatatgaaga ccacagaatg ttcaaatacc 60  
 tttaaatccc tgggcagcac cgcagggaca gatattaccg tcaacagtgt gattctactt 120  
 cctaaaaacc ctgagcactt tgtggtgtgc aacagatcaa acacgggtgt catcatgaac 180  
 atgcagggggc agattgtcag aagcttcagt tctggtaaaa gagaaggtgg ggactttgtt 240  
 tgctgtgccc tctctccccg tgggtgaatgg atctactgtg taggggagga ctttgtgctc 300

<210> 5133  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<400> 5133  
 gctgccacca cccccggggc cagcctgtct gaaagttcag ggtttaggcc gagaaacccg 60  
 gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcacttta 120  
 gtttggggcg ggacgggagc cgccgtttgt actggcgtgg tctggctgct gctcccgaac 180  
 ggaggggtcg gggttggctt gctggggccct cagagcccag tgggtggctc tgactcggct 240  
 ccctactccc tgcacccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc 300  
 ccctcagttt taacctgagc tgccgaacgc acagtgggccc gggggcgagg ctgggggaag 360  
 cggggcccaa ttacggatcc cgggagttac aggtgccgac gtgatgtcgc ttctctggtg 420  
 ccagctccc ttcttggctt gagactagct ctgggggttg cgggggcccc cacacgctyg 480  
 ctcccgtcc accctgcccg tgctgctgct ctgtgcctgc tgtcagagcc ctggtggggg 540  
 aggatgtggc caccctgaga cccggaggag acgggctct gcctgggtt gcgagagacc 600  
 gcttatgggt gtggtccgtc cagacacctt gtttcaaggg ggatgggcgt gagcgggcaa 660  
 gcagagcatc cccaccgtg agcaagaact ttttcttgtt tttaaacat cacgtcctca 720  
 tttcacattg gaataaagtg agtttttgaa acctgcg 757

<210> 5134  
 <211> 1316  
 <212> DNA  
 <213> Homo sapiens

<400> 5134  
 gtggcaactt gatgaaacag ccaaatgcac cagggcaggt cactttccca ttactatgat 60  
 tccacaatta aaaaaaaaaa aagaaaaaaaa actcattgar atagctacag ttctataggt 120  
 taatttaaag cctccttttt ctactcattt ttgaaascaaa aattacattt tactatttta 180  
 cataaccagt gaaaagacgt tgaaagccta cagctcactg tttttggtgc tctggaaatg 240  
 ttgaggggtg gtttttaacc agtgattttt aacgtgcagt gaatttgta gacttttaaa 300  
 caccagctaa ggtagtcaaa cttgatcccc attaaaaatc aaggaattag gggtcggggg 360  
 agggtttagg agtgatccag aatgacctcc cagaattact gtgcgtacaa ctttattttt 420  
 cagagttttc attggaatgg taagagtttt atgaaagaca gttttaaaac ttattctgag 480

ttaaataatta	atactttaaa	aattattgt	actagactta	tgcgagcctt	ttaagtag	540
cagagtttca	tcataaccaca	taataacag	agcataaatt	ttctataatc	aggtaccttt	600
tgctgctttt	gagtaagact	gttttcctgt	ttaagtgtta	agcatcgcca	gacataaaaa	660
tctattctct	cctctcgatt	gtagcatagc	ctgacagctc	tagatacagc	atttctatga	720
tgaaaaatga	gtatccatca	ggaaatctag	aagactagcc	gtgttttctc	agactccacc	780
tttgttttga	ctctgttgcc	tgtgaggagc	tttctggcat	gtgattattt	acttcaaaac	840
tagagttcca	agcacctaca	ttaattattt	tatatttgtt	gcagaatagt	atatctttta	900
atgtcagata	tgatacactg	cacatattgc	ttttgcactc	ttaaaatttt	tgtactaaat	960
aatagaaaat	atztatattc	tttgagtgtg	agccttgaat	agatggcatt	atcactttat	1020
tgtttttttt	ttaacaaaaa	ctttttctca	attattctat	tgcaatgtta	ttctgagcaa	1080
gtcctatgcc	aaatatcttg	tataatgttt	gtatggaaga	ttaaatttta	ctcttggtgtg	1140
gtaagactat	ttcagttact	gattttatag	ttggaatttg	atattccagc	acaaagtcca	1200
cagtgtattc	agaaatccaa	gttggtgtca	tacatttcat	tttgatgtga	acttttcttt	1260
gctttccttt	gttctaagac	tccattttgc	aataaacgtt	ttgacagtaa	aaaaaa	1316

<210> 5135

<211> 377

<212> DNA

<213> Homo sapiens

<400> 5135

aacgcttcaa	ttgttttgta	gaaattttaa	taggaacttc	aagaagtaaa	cctttataac	60
attgtaaatt	cttacgtaca	gcatcacaaa	agacaaggaa	tmctgtcata	tccttttagc	120
aaaatgakat	tgccatagggt	cttggttgcaa	aataccacat	aatgaaatcc	ttcctgttgc	180
atgattaact	gggtgagaat	atcatctttc	cttttggtcc	gtagaaatgt	attattcact	240
actccattct	tgagggttgt	tttttaattt	ttttggagac	agtctcactc	tggtgcccag	300
tctggagtgc	agtgggtgcg	tctcagacgt	ctcactgcaa	cctctgtctc	ccagggtcaa	360
gtgattctcg	tgccctca					377

<210> 5136

<211> 550

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(550)

<223> n = A,T,C or G

<400> 5136

gaagacacca	gtgggtggaat	cgagtgtttg	gccacagttc	gggacctatg	gtagaaaaat	60
actcagtagc	taccagatt	gtaatgggtg	gcgttactgg	ctgggtgtgca	ggatttctgt	120
tccagaaagt	tggaaaactt	gcagcaactg	magtaggtgg	tggttttctt	cttcttcaga	180
ttgctagtca	tagtggttat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300
ttgaagaagc	aatagaattt	atcaagcaga	acatttgtgat	atccagtggg	tttgtgggag	360
gcttttttgc	cggacctgca	tcttaaggnc	atgaatattc	tcccataacg	gattcaacta	420
tgagaagaga	agtggcagca	ataaggcagt	ctctcaaaaag	tcatactgcc	agagtctcta	480
gggcaaggng	aaacanctag	ctgggcaata	ctcaattcac	aacttagcat	tttgccatct	540
tgaagcttgg						550

<210> 5137

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(447)  
 <223> n = A,T,C or G

<400> 5137  
 cgccagagca gcagtgggga acatcttctt gtctgctgga cacctgattg ggccggttct 60  
 ctgccattcc ttctgcaatt acatgggttt cccagctgtt tgcgcgccct tggagcacc 120  
 acagaggcgg cccctgctgg caggctatgc cctgggtgtg ggactcttcc tgcttctgct 180  
 ccagcccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg 240  
 ggcaggggac tcagaggctc ccctgtgctc ctgacctatg ytcctgggat acgctatgaa 300  
 ctntgaccng ctcccccanc ctccccacca aggggttact gcaggggaag ggctaggtgg 360  
 ggggtccccga gatcttaggg aattttttta gggggatttt aagccagagn tagtttgcgt 420  
 tcccagggac caaggagaaa gaagcat 447

<210> 5138  
 <211> 555  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(555)  
 <223> n = A,T,C or G

<400> 5138  
 cgacagctct ccaataactca ggttaatgct gaaaaatcat ccaagacagt tattgcaaga 60  
 gtttaatttt tgaaaactgg ctactgctct gtgttttacag acgtgtgcag ttgtaggcat 120  
 gtagctacag gacatTTTTT agggcccagg atcgTTTTTT cccaggtgca agcagaagag 180  
 aaaatgttgt atatgtcttt taccgggcac attccccctg cctaaatata agggctggag 240  
 tctgcacggg acctattaga gtattttcca caatgatgat gatttcagca gggatgacgt 300  
 catcatcaca ttcagggtta ttttttcccc cacaaccca agggcagggg ccactcttag 360  
 ctaaattccct ccccggtgact gcaatagaac cctctgggga gctcaggaaa ggggggtgtgc 420  
 tgagttctat aatataagct gccatatatt ttgtagacaa gtatggctcc tcccatatct 480  
 cctcttccc taggagagga gtgtgaaagc aaggagctt ngataagaca cccctcaaa 540  
 ccattccct ctcca 555

<210> 5139  
 <211> 576  
 <212> DNA  
 <213> Homo sapiens

<400> 5139  
 gctacgtggg aggctgaggc rgragaatct ctksmrckm rgaggmrgag gttgcagtga 60  
 gccaaagattg tgccagcctg ggcgacaggg tgaggctctt gtctcaaaaa aaaaagtcca 120  
 catcttcatg aaccctcaga ctctggaggt ggggtgtcggc ttttttagcc agcttttgtk 180  
 ssrwtttsyk wkracctatt aaagaaggaa agtgggtaat ggagtccag ccactcaaga 240  
 gactggatat ccccgagaa tggcttgggt taccagctat ggacccttgg aagatgaatc 300  
 taatccttct cactggtttt tctttgcaaa ttcatttgct tttatttttc taataacaat 360  
 aaactctatt ttccatgttc tcagggtccc tgggtagaca gacacagctt gatttcagag 420  
 cagacatagg cgaagaaaac atggcattga gtgtgctgag tccagacaaa tgttatttat 480  
 atacacatcc aaatttgaag agaaaatgta tttcttttagg tttcaaacac tgtaatagat 540  
 ataaagcaaa aataaaaacc tgttgcaaag ttaaaa 576

<210> 5140  
 <211> 631  
 <212> DNA  
 <213> Homo sapiens

<400> 5140  
 agtaccacaga gttgagagga gtttttaac tgatttagcc aggtggcaat catgagtga 60  
 tggatgaaga aaggccctt agaatggcaa gattacattt acaaagaggt ccgagtga 120  
 gccmgtkmgr agawtgagta taargsatgg gttttaacta cagaccaggt ctctgccaat 180  
 attgtccttg tgaacttcct tgaagatggc agcatgtctg tgaccggaat tatgggacat 240  
 gctgtgcaga ctgttgaaac tatgaatgaa ggggaccata gagtgaaggga gaagctgatg 300  
 catttgttca cgtctggaga ctgcaaagca tacagcccag aggatctgga agagagaaag 360  
 aacagcctaa agaaatggct tgagaagaac cacatcccca tcaactgaaca gggagacgct 420  
 ccaaggactc tctgtgtggc tggggctcctg actatagacc caccatattg tccagaaaat 480  
 tgcagcagct ctaatgagat tattctgtcg cgtgttcagg atcttattga aggacatctt 540  
 acagcttccc aatgagaggc caggaagtgt gaacatactg atagaaaaag actatatttt 600  
 atccctcata aaatgtttta aawrtaaaaa t 631

<210> 5141  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5141  
 aagtatatat gactccactc aggggtgtaa aagcaacca agcatcaaag tctactcagc 60  
 taaagactaa cagaggacag agaaaagtga cagtttcagc taggacgaac aggaggtgtc 120  
 agactgctga agccgactct gaaagtgatc atgaagttcc agaaccagaa tcagaaatga 180  
 agatgagact accaagacga gccaaaaccg cagcactaga aaaaagtacc acttaccctt 240  
 gcccaatttc tcaatgaaga tctaagttag gaaagacgat ggaggtggaa tcctttaaga 300

<210> 5142  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<400> 5142  
 gtttcactgt gcggtgcagt gcggcgagcag ctctgtgagga ggaccggtac atkgacacca 60  
 ccctgaaggc ttgccacct gtcagtattg atgtctgtgc ttttaagaata cagcttttca 120  
 taggcttgaa agccatctgt cactttaaaa accacatcat acttttgact aaagcagaac 180  
 cctgaagcca ttccagagag aagacagtca cccaagaggc ttctttcgag waarsatmcc 240  
 mktgyymmar kcaaaatwcc tgccwgtwkc tgagrmtgag ktgkaaytkg tatattktgw 300  
 rtaykatcty wccagtgcag ctgtacaaag agatggtaga ctatagcaat acctataaga 360  
 ctgtcaaaac ccagagctgc attcaccttc tcagtgaaggc tcatctgtta gtgagagctg 420  
 scctgatgga tgccagtcag ctggaacctg gagagaaggc agagcttttg gaagcattta 480  
 aggaaagctg tgggcacctt ggggactgtt acagcaggct tgactcccag cattctcatc 540  
 tcaccttgcc atactataag atgtctggtt tgtctatggc tgaagttctg gcccgacgg 600  
 actggacagt agaggatgga ttacagaaat acgagagagg attaaatctt ttacattaaa 660  
 tccattccac tttatggaaa acctgggatg taaggaatt 699

<210> 5143  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(423)  
 <223> n = A,T,C or G

<400> 5143  
 caggtagtgg cccctgtaag cagggccaga gtcgggacaa agagcaggag tgaagcagcc 60  
 aagagacaga ggaccaggct ggagccagtg ggcacgcagg agcctgcctg ggaagaagcc 120

ggggggcaag gctggcatgg ggaacac ctgctggtga cacctctctg aatcagtt	180
cccttaacta gaaaaataga atgggccgg tgcggtggct catacctgta atccagcac	240
tttagrkatg rytgmrrcrr ktrswtcwts agrtcaggms wtccwrracc aaymwrrccg	300
acattggggg attagcaatg ttttgttact tgggcatttt caagaggcag acatagtcca	360
gaagcagaag nttgggcagg tcccagatct tgttctatag ccctttatcc tgaagctcgt	420
gcc	423

<210> 5144  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(366)  
 <223> n = A,T,C or G

<400> 5144	
gctccttctt actctagtat ctctgccttt ggtcagtcag agagcatttg atgagtacca	60
tgctgggctg gaccccatcc tggctgccct ggaagataga gacaggtcac cttgatccct	120
gctgtagca tttgggctgg ctgagatggt ggargtgtga acagaatatt ccagtccagt	180
gtcctctgtg gtagggatgg ggatggaccc sggagaggcc ctccgtgtcc tggcaggagg	240
tgggactcag agttaaaagt gaggtcaagr cccagtgcga tggctcacam ctgcagtcct	300
agcacttcgc gganttnagg tggatcacca gaaccncta gttcaagacc agccttggan	360
aaanat	366

<210> 5145  
 <211> 952  
 <212> DNA  
 <213> Homo sapiens

<400> 5145	
ggttctacca gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg	60
ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac	120
aatgaggtaa accagaccta ctacgttctg gatgtgatgt gctggcgggg acaccctttt	180
tatgattgac agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa	240
ggactgggag agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttcctt	300
tgcactcccg aaagcctgtg tgatgtgcta tctatggatt tcccttttga ggtagatgga	360
cttctcttct accacaaaca gaccactac agccccggaa gcactccctt ggtgggctgg	420
ctgcgccta catggtgtca gatgtccttg gtgtagctgt gccggctggc cgctgaccac	480
caagccagac tatgtgggc accactccag cagattatgg agcacaagaa gagccagaag	540
gaaggcatga aggagaaact cacacacaag gcctctgaga atgggcaacta tgaattggag	600
cacctgtcta ctccaagtt gaagggttct tcccatagcc cagaccaccc tggatgcctc	660
atggagaatt aaagagagaa gmctccttaa ggagccacag gatggtacct ggcccaaaa	720
ggaatcctgg agaggaggac agtgacaaca ggtgacttya ttcttttagag tgaactttcc	780
aaaccagtc cagctggaaa cagcttatct ataacttgaa atgctggctc aaacagttat	840
ggggagggtc ccagattgag tagcattcag attgatttga gcagctccta ctgtgataag	900
tgtatccag atccacaatg taaatatatg tgatttgtaa gaaaaaaaaa aa	952

<210> 5146  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(431)

<223> n = A,T,C or G

<400> 5146

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
agaagccggg	gggcaaggct	ggcatgggaa	tgaacacctg	ctggtgacac	ctctctgagc	180
ttcagttccc	ttactagaa	aaatagaaca	ggcccgggtc	ggtggctcat	acctgtaatc	240
ccagcacttt	agrkatgryt	gmrrcrrktr	swtcwtsagr	tcaggmswtc	mwkaccaccm	300
tkraaacccg	attgggggat	tagcaatggt	ttgttacttg	ggcattttca	agaggcagac	360
atagtccaga	agcagaagnt	tgggcaggtc	ccagatcttg	ttctatagcc	ctttatcctg	420
aagctcgtgc	c					431

<210> 5147

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 5147

tgaaaagggg	aaacctgttt	cacctcccaa	atztatatat	tcaaagtatt	tacttaaaat	60
tcagaagcca	gaagtccatg	tcatgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccga	agtcacagtt	180
maktckgmmy	kakkcctagt	tcaggcttac	tatctagaac	ctcatgctag	cttaggttgc	240
atgtttacat	tgtctgcagt	tctttactgg	aagcttagtt	ggatcgaaat	ggacaccgag	300
atggagatgc	ttctggctac	atttcgcaga	acccaggag	acctgcattt	agaccactct	360
gtccatttgt	gtgcccaccc	ccacccccag	ggtctaagt	tagactccaa	gaggagcagc	420
ccagagcttg	gaggagaggt	gtgtctgggg	saccactgg	gggtgggtg	gctcttcttt	480
ttgttgtagt	taatgcggtg	tcttttaagt	gactctcagg	cctcccagac	agccttggtc	540
ctttaaggca	gaagctcttc	ttcatttgtt	accycctggg	attcatgagg	tgtgagattt	600
ggcctgcttg	actttgaatt	caagtttttc	aagtgactct	cagtgtcaga	agaagatttc	660
atgctgtcca	catgtggtat	gtccacagct	caccttcaaa	ggcttagatg	tagccatcac	720
agagagtgg	attttattaa	gaacccaagt	cccagcctga	ccaacatggw	gaaaccccat	780
ctctactaaa	aatamaaaat	tagccggggc	tattggcggt	cgctgtaat	cccagctact	840
caagaggctg	aggcaggaga	atcgccctgaa	cccagaggcg	gaggttgtag	tgagccgaaa	900
tcacaccatt	gcactccagc	ttgggcaaca	atagcgaacc	tccatctcaa	attaaaaaaa	960
aaatgcctac	acgctcttta	aaatgcaagg	ctttctctta	aattagccta	actgaactgc	1020
gttggggagc	tgttccaact	ttggaatata	tgtttgcaa	tctccttggt	ttctaataaa	1080
taaatgtttt	tatatacttt	t				1101

<210> 5148

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(515)

<223> n = A,T,C or G

<400> 5148

ggaagagggg	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgcccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	cccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggttctctc	tcgacggcgt	ggagtgcagc	300
gacgtcaagt	tcttccagct	ggccgcgcag	tgggttctct	cacgtgaagc	acttccccat	360
ctgcatcttc	ggacactcca	aggccacctt	ctaggcccca	cccaccaggg	gggcccacct	420
ccttgcccca	ttgntgtgag	ggggcccagc	ttgcattttc	ttgtttaaac	attttcagtt	480

<210> 5149  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 5149  
 cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt 60  
 atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtgggaag 120  
 kcaaacgtaa grtgraagct atkkgatggg gaaagaagac tctggaccag gtcttagagg 180  
 atgtagaacca gtgctgtcaa gctctctctc aaagactggg aacacaaccg tatttcttca 240  
 ataagcagcc tactgaactt gacgcactgg tatttggcca tctatacacc attcttacca 300  
 cacaattgac aaatgatgaa ctttctgaga aggtgaaaaa ctatagcaac ctcccttgctt 360  
 tctgtaggag aattgaacag cactattttg aagatcgtgg taaaggcagg ctgtcataga 420  
 gttatgtgtt agtctcagga gtcttaactt ttgaaatatg ttttacttga atgttacatt 480  
 agatattggg gtcagaattt taaaaccaa ttactgcttt ttgaaacctc aaattatata 540  
 atgtatctta tgtatgtgct ttatattgtt atttgtgtat acattaaaaa aattctgaat 600  
 tattttaatct gatatgttgt attctgtatc ttgaaatttt tgtttccttg aaacatgcat 660  
 gcatttaaaa ataaagctta aacaactgta tggatgttaa aaaaaaaaaa 710

<210> 5150  
 <211> 648  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(648)  
 <223> n = A,T,C or G

<400> 5150  
 atttagtgag atttgtattc taggaagtgt gtgccgtcac ttgttcattt acaactgcaa 60  
 agattgtatg tctcctatgt tttcctttca tgccaaagaa actcaccctt tttaaaagcc 120  
 agcaggttgc acaaaccaaa aacaaaatat tttgcccctt aaataggcat tttagaagt 180  
 tttatttcct ggtacttaaa tattgtgtag agggaaagct agttgtaata atttgtaaaa 240  
 atgcgtgtat ttttaggaat gcgctatttc cagtaaggga agtattgaca tttttaagga 300  
 actgtgctgc attaaaatcc acagttgcat gaaactttta aaagtttaag atataaagta 360  
 attgctaaaa tttgtgaact actcagagga ctcaatgcc taacatgtag gggattgatc 420  
 attgcgatgt ttaggccagg atttctcatg attgtatatg gttattgatc atttttaagg 480  
 ggctgaacct gctgccttta tacttttgac acctccctcc ctcccncctw ccaaactgtg 540  
 gctgtaaaca gtgactctgc atagtcagcg ttatacttga tttctttgtg aatgcaaata 600  
 aaataaaatt tgtaagtcca ccaaatattg acttaactag gtaaatgt 648

<210> 5151  
 <211> 906  
 <212> DNA  
 <213> Homo sapiens

<400> 5151  
 gtactttgag tgtttggggg ttcaacacac acatgcaatt ttgcttaaca aaagtatttt 60  
 ataatacagt ttcatacaga attaccttaa aaggagctct tatgttttca actacagata 120



gttgwaaggg	atcataccag	aattga	tgatagtkga	aatattctta	gggtgt	180
gtatgtccta	gcctgtgtct	atgtgtga	tgtattcttg	acaagcagta	taataacct	240
gtgatttttc	tttacattag	ggataatgca	taaggaatta	atcttcatat	atattatcat	300
ccctaagtga	gcagggggaa	gtatttaatt	gcccattgata	tgtattttac	ttatactatg	360
ccrgagrnga	aactataaag	taattacmca	tgtaatcttg	ggtttttcac	atatgtaggt	420
attcattttg	agtaggttga	agaagaaaaa	aaatatttaa	atgaattgaa	ttcctgatgg	480
gatagtatca	ataagtattt	aaaagccagt	attctaaaaa	taataaaggg	tagggtcatt	540
tttgagtttg	tttttctttt	gctattgtta	atattcaaaa	ttaaagtgtt	acattggtag	600
ctgttgctct	aatgcattta	ttgagaacag	cattgagatg	atgaacaagg	ggtagcaat	660
agcaaactct	ataattattt	tgactaatta	cttaagagga	aaacagtata	agtatctcat	720
tcagtattta	gcaattctgt	aaaataagta	ttatctctat	ttttcagatg	aggaagtaag	780
ggtttagcaa	ggttaagaga	tctatccaat	ttacacagca	agttagtagt	tgagcctgac	840
catgagtctt	ctgactctgt	tcttttctct	atgcaatacg	caaacaataa	aatgttatac	900
aaatgg						906

<210> 5152  
 <211> 677  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 5152						
caaagccgtc	ccttcaaata	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaaggg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	accctccag	tccgggatcc	ccactctcgt	ggtagstcc	180
cycaraesca	gccccaccat	ggtccttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccctt	cctccccctc	ascctgtggg	gtggagatgg	ggccaagcc	tgccctcacg	300
ggggagcccg	ccctcacgtg	catcancagg	ggcagtgagg	cccggttcca	ctccgcggcc	360
agctccctca	ttatggaaga	caaagaaatc	cccatcaaga	gtgagcctct	gccaaaaccg	420
ccgcgatctg	ccccaccatc	catcctgggt	aaacagaaaa	ctcaagaaat	ggcatcgaaa	480
gcaagtcaaa	accgtgagat	ttcagaatta	cagccctcct	ccaccaaaca	ttacacctcc	540
atccacctcc	ggaaagcctg	acagcagcac	cctcaaggcg	tccagctgaa	gcagcgtctt	600
gggccagaga	tgacatctat	ttgccaccga	gtgctgcact	cggcaagaga	agactcgaga	660
agtagctctg	caaggca					677

<210> 5153  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 5153						
ggcagtgctg	cgcggggctc	ccagccctgc	tgggaaggac	caggaacca	ctcagcaatt	60
agaccctctt	ggccctgcc	ccaccatgca	cccagcagcc	agggagtga	gcggkcagcc	120
tggcagtgag	tgaaaccag	gcctycagcc	ctccaaagcc	tggggccacc	ccctgtagca	180
ggcgatgcta	gaataaggag	gagagccaga	gctgaggctc	cttgcccctt	ggcccctyca	240
ggggccatgg	gatctctgtc	tcccacaccc	ctgtcacggn	cgcctggan	cancctatag	300
g						301

<210> 5154  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 5154  
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60  
 acagatggac tgataacata ttcgcaataa aatctygsy cramagaaaa tttgggtttg 120  
 aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180  
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gttaaatttta aactattatc 240  
 taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcwtttt attaatgtta 300  
 aataaagtgt aaaatgcaga tgttcttcac cccttttggt agaacaaaag caggatgata 360  
 accatatccc cccagtgtc atcaaagtag gacactaaaa atccatccat ctcagtcaaa 420  
 gtcgagc 427

<210> 5155  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<400> 5155  
 cttcaggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga 60  
 gttttcaatc tatgttcttg cctcttcata cttttattta tttttgtca tcttgcctta 120  
 tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180  
 atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt 240  
 ttacttagcg tgttatgacc ttctcaccce atactaccaa atttaaattg gtcccgaactt 300  
 caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt ttttacctgc 360  
 aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcatct 420  
 tgggtgtttt gtatttccac ctcaccccca gcacatagcc cagtctcttg cacaaattaa 480  
 gtacttaatg tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540  
 ccttggttgt ataagctggg tgtttgtttt gttacctttg caaatattta tgattatcac 600  
 cccccacat actaaattgt ttttaaaagt tttgcctttc cttcagatac taccgccaggc 660  
 aatttgctgt agataatgtg attgcttcca atgacataat tatcccaaac tctctgcccc 720  
 ggatatactt tgccaaacga aatttgaatt ctctgaataa attggtcatg tctaa 775

<210> 5156  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<400> 5156  
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60  
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120  
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180  
 agtaccaaac cagcatttaa tatctaatta taaatctaatt ttggcctaaa ctttattatt 240  
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat ttttctctca tggacaagg 300  
 gtgtgaaatg aaaatatatt aggatttatc caaacacaga ctattctgtt ttcagcttca 360  
 gaattgttct ttgaatccta aggaacctct gtcaacagtt gaggttgctg ttgaaaagaa 420  
 agaagaagga ggcggaaatc tctcagggag aattatttcc tttcttttct atttcagata 480  
 cctggagggg tggggagaag taagaattgt aaggagggtt cagtagtggg gaattctgtg 540  
 acagctgatt gaagatgatg atgaagaacc tctgcattct agttaccctt tgcttcgctt 600  
 tcacctcttg taaaattggg ctggcaacaa tgacattgtc atgctttatg tccaatatcc 660  
 tctgtcagag atctaattggt cttaatcgtg ccgtaaatgg aattccccca cca 713

<210> 5157  
 <211> 529  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(529)

<223> n = A,T,C or G

<400> 5157

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agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt	120
attgtttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt	180
gctggcttaa cagaaaacac agcgaatttc cctccagtt ctcccaagt ccactgaaca	240
aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggagcag aacttgtggc	300
agcaacaggt aaacttcaan aaggagggca ggatccacc ctacagggtt gggangganc	360
ccaaaggccc catctgtttc tcctccagga gttgtcaagg cagcagaaag gantcaccca	420
gccaaaggag gagatggctc ancggggctg caccaagggg ccaagaggcc tnaccctgt	480
ctaaaccctc ctctcactcc cctaagcctg gtngaaaaga gtcagaaan	529

<210> 5158

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 5158

ttcatttttta aaaagcttct ccttattatg ttgttggtta acaactkaaa cgctatctct	60
agaccaggaa taattatttg ctatatawta cagcaaaaaa tatgtatgta taaatggact	120
cattcaaaat atataaagaa ctctatttac aaagaaattg acaaacagcc cagtatatca	180
atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggt	240
atgagaaaac caaatttttag gatatcacta cacacctggg yrtagtttaa aagactggaa	300
aatattaagt gtgtggggaa tgtagagcaa ctgaaaatgg cctacatctt tcataggaaa	360
tggtaaaacc aatacaawta ctttggaaca actctgtccm acmttttcta cccmtttcac	420
ccagggcact yccttcctct gcttttgggt tncctcggtg	459

<210> 5159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5159

ggatgccctg gggcagaagc tgcccagaag gcccagcca gggcctggag agcagctcac	60
agtcttccag ttctggagtt ttgtggaac cttggacagc cccaccatgg aggcctacgt	120
gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt	180
tgtgctgaag gccctgagat tggcgccga gggcggtctg cgaaggagc ggctgcgggc	240
cctcagctcc ctgctcgtcc atggcaacaa caaggctcat gctgctgtca gcaccagct	300

<210> 5160

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(540)

<223> n = A,T,C or G

<400> 5160

gtgggaactt	cccctactcc	ctggatgtgt	gtacctagca	cacttccttc	tcccaccct	60
ttttccagtt	ggatttgttt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcctagggga	cagatggcct	tctttgtcat	cttcactctc	cacccccaga	gaggagtcag	180
agcmwtaact	caatcactca	gcccctccaa	agatagttga	tgtgtgataa	tctcataatg	240
ttgagaaccc	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300
accatttctt	cttgcctatc	tccatcccc	ttgaggcttc	cacttttttt	tttttttagac	360
ataaagctgg	gcatcagcaa	ctgggcctgt	gggtgatgca	aagctgcttt	gctctgtatc	420
tgggctggga	cttgatctgt	ctcacaagga	aggccatgag	ggncataggg	ggaggaaggc	480
ttccttntcc	cccttcatct	ttctgnttcc	aaaggtggtg	tagggcaagg	aggggagtta	540

<210> 5161

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5161

atacgatggg	gtgcttggtg	gatgggcca	ggaggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagttgg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tggtggggct	tcatgaacta	ggatgaaagg	aggccccctga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300
cctggctcgt	actctgggca	gggatgccgt	cagccttgag	ggctcgccacc	cacctgtgtg	360
ttgccctctg	tcctggcggg	gaaacataca	ccccttgtct	caccaccaac	cttgcttgtg	420
tagtcnrcag	ggctgccctg	ccccaaaggac	tcactgcatg	taccgggacc	cctaggcctg	480
gcctttgcag	catagttggg	agcttctgga	ttccatctgc	acctgtgagc	cccatgctgg	540
ctgtgcactg	cgcgggcctg	agactgctgg	atacaatgtt	gggcaacaac	tcagccagcc	600
tgatggcagc	ctcagaggct	tactctaacc	catcccagaa	taaattggaga	cttcattgtgt	660
tcattgtttc	attcactcaa	aaa				683

<210> 5162

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 5162

ctgacctttg	tagagaatcg	gaccttcgac	atgcaatggc	caattgtttt	gaagcgtaa	60
taggagctgt	ttacttgagg	ggaagcctgg	aggaagccaa	gcagttattt	ggacgcttgc	120
tctttaatga	tccggacctg	cgcggaagtct	ggctcaatta	tcctctccac	ccactccaac	180
tacaagagcc	aaatactgat	cgacaactta	ttgaaacttc	tccagttcta	caaaaactta	240
ctgagtttga	agaagcaatt	ggagtaattt	ttactcatgt	tcgacttctg	gcaagggcat	300
tcacattgag	aactgtggga	tttaaccatc	tgaccstagg	ccacaatcag	agaatggaat	360
tcctagtgga	ctccataatg	caacgtggta	gccacagagt	acttattcat	tcatttccca	420
gatcatcatg	aaggacactt	aactttgttg	cgaacgtcgt	ttggtgaatn	atagaactcc	480

aggccaagct agcggaggag cgcgcgcaggatgc aggagtacgc cataaccaac cgcgcgcaggacc  
aagaggcctg tggggccttcg cgcgcgcaggacc ttgggcgg

540  
578

<210> 5163  
<211> 395  
<212> DNA  
<213> Homo sapiens

<400> 5163  
cagaaaattca aataattctt ttctgcttca atgccagcag aagggtcccc aggttagacat 60  
ggagaagcac tttgttttaa ataggagggt ttcatagttg catctgaagc cacctgggtc 120  
tgttwawstg ttrtcgtgca ggtkwgggt ttggcattat tcatgtttct gatcaattct 180  
atgcaactct catagtctct gttacttttt agcattagct gccaaatgac ttcaaaaggc 240  
tggggtgggt gacttgactg tgagactgga ttataacatg gacaaatctt attttgctta 300  
atgtgtttgt gtgtgtgtgt gtgtgtgtgt gtgtatgtat atatatatat ataaatatct 360  
ttcccaatat gccccgttga cagtgtttta attcc 395

<210> 5164  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5164  
cagaaaacta gcagggttaca ttttataggc tattgtagtt ttatttacca aatgatattc 60  
tctaaatcac ttcgaccaat aaatgtattc tcctccttaa agcagagttg tatcaactct 120  
gtgggagcat ttatgagctg tcagtcacca cacttctagc cagaatcaca ataaggctctg 180  
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat 240  
ggccccactgc tccccctctc ttctcagtcg tctttgcct ctctgctgc gatgcttct 300

<210> 5165  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5165  
ccttcccacc ttgtgagttc tcccagcagt tcctggattc ccctgccaa gcaactggcca 60  
aatctgaaga agattacctg gtcagatca ttgtccgtgg gtttggtttt cagataggag 120  
ttaggtatga gaacaagaag agagaaaact tggcgctgac cctgttatag tggttatagt 180  
ggtgtcccta aaggaggaa atgatttcag caaaactggg tgaacagcgg atgaagatat 240  
ggaattcaaa gctctaattg acctttttga agagaagttg tggcttatgt ggagtttaca 300

<210> 5166  
<211> 655  
<212> DNA  
<213> Homo sapiens

<400> 5166  
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actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120  
aacatttgga tggcactggg tsmamgtaga gcatccatcc ttcggatgra atgtttggaa 180  
aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240  
tgtaactcac gactgtttaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300  
ccactgagtt agatttcagc cacagatgct tagctttttt tttttgtctt ttttttaagg 360  
aggaagcctt tgttttgttt tcctgagccc tcactctgtt tttgtgctgt tactcggtag 420  
agtcagact gttacttttt agccatggct gacattgtat caataactaa aactgaaaca 480  
ttcaaaagcg aacagggaaa ccgagggtt caagcgtgct cagagccgtt tcagacagtg 540  
gaaatccatg acaaacaaaa ggatgtgatc attaattgta aagcgcttg taaaattcac 600

<210> 5167  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5167  
cacctgtgcc cccaggctca aggtctctgg caggtgcaca ccagcccaac tctgcagggc 60  
ttctytccct gccaccaccc cccaagccag gaccccactc cttccccgag gctgagctga 120  
gcctttttcca ggggcagggc ccaggagacc attcccagaa tccatggggc agtagccagg 180  
gctccggctg ctggaggaag cagctatcca caaagcttcc tgccccagag ctgaggctga 240  
ggccccggga gaggcggccc ctacccaaac actggctgct ggcattccac caagtgaccc 300

<210> 5168  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 5168  
ttacttttga ttgtgtctga tgggaactga gttgttgccc tttgtgaaat gaaatttttg 60  
gctcttgaga aagaattctt atgaattggt atgcgaattt tatatatatta aagagggaga 120  
tctggggctg ttattttttaa acactttttt tcataataca tattcccagag tagatatatta 180  
taaaatatat gtttcttttca ttatgtgttt gtaaaattag agtttaaata aatatgcttt 240  
gatgcatagt tttgaaactaa tgtaacatga tttttctttt ttaaaacagc ctgaaaatgt 300  
actagtgttt aaaaataaag atttccattt tctccaaaaa aaaaa 345

<210> 5169  
<211> 703  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(703)  
<223> n = A,T,C or G

<400> 5169  
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ccatgaggtc agttagctac gtgcagcgcg tggcgctgga gttcagcggg agcctcttcc 120  
cgcacgcaat ctgcctcgga gacgttgata acgatacgtt aaatgwacys gtsgygrsag 180  
mcrycagmgc ggaaggtgtc tgtgtataaa aatgatgaca gtcggccatg gctcacctgt 240  
tcctgccagg gtaatgctga cttgcgttgg ggttgaggac gtgtgtaata aaggaaagaa 300  
cctgttggtg gcagtgagtg ctgaaggctg gtttcatttg tttgacctga cacctgccaa 360  
ggtgttggtg gcttctgggc accacgagac actaatcgga gaggagcagn gnccagtctn 420  
caagcagcac atccctgcca acaccanggt catgctgac agcgacatcg atggagatgg 480  
gtgtcgtgag ctggtgggtg gctacacaga ccgtgtggtg cgagctttcc gctgggagga 540  
gctaggtgag ggtcctgaac atctgacagg gcagctggtg tccctcaaga aatggatgct 600  
ggagggctcan gtnngacagn ctctcagtga ctctggggnc actnnggtctt cctgaactga 660  
tggtgtctca gccaggtngg tgcgttttgc aattctnctg ngg 703

<210> 5170  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 5170

acaaggacaa	gaaagaaagt	attgcaa	cggttggtc	gcatgcatgc	atgatg	60
gaggatgttg	aggaagtata	tgaggagac	atctgtgcat	tgtttgcat	tgatgtgct	120
rgtgagaca	cattcacaga	caaagccaac	agcggccttt	ctatggagtc	aattcatgtt	180
cctgatcctg	tcatttcaat	agcaatgaag	ccttctaaca	agaacgatct	ggaaaaattt	240
tcaaaaggta	ttggcaggtt	tacaagagaa	gatcccacat	ttaaagtata	ctttgacact	300
gagaacaaag	agacagttat	atctggaatg	ggagaattac	acctggaaat	ctatgctcag	360
aggctggaaa	gagagtatgg	ctgtccttgt	atcacaggaa	agcc		404

<210> 5171  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5171						
gttccccctct	tcttgtgaga	ctgggtccagg	cagcccttct	ggacactgca	tgatcacagg	60
agcagccctc	tggcccataa	tgacggccct	gtcttcgcag	gtggccactc	gggcccgcag	120
ccgctgggta	aggggtgatgc	ctagcctggc	ttattgcacc	ttccttttgg	cgggttggtt	180
gtcgcgaatc	ttcatcttag	cacatttccc	tcaccagggtg	ctggctggcc	taataactgc	240
tgttgtcact	ccactctcct	aggcgtgtgc	ctgggtgggc	tgatgactcc	ccgagtgcct	300

<210> 5172  
 <211> 593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

<400> 5172						
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aaggtctaca	gattccattc	gtctcttagc	tctactttct	cttgagagaag	ttgggcatca	120
tattgactta	agtggacagt	tggaactaaa	atctgtaata	ctagaagctt	tctcatctcc	180
tagtgaagaa	gtcaaatcag	ctgcataccta	tgcattaggc	agcattagtg	tgggcaacct	240
tcctgaatat	ctgccgtttg	tcctgcaaga	aataactagt	caacccaaaa	ggcagtatct	300
tttacttcat	tccttgaagg	aaattattag	ctctgcatca	gtggtgggcc	ttaaaccata	360
tgttgaaaac	atctgggcct	tattactaaa	gcactgtgag	tgtgcagagg	raggraccag	420
gaatgttggt	gctggaatgt	ctagggaaaa	ctcactctaa	ttgatccagg	aaactcttcc	480
ttccacggst	ttaagggggt	actttgatcc	aggggttnatt	catnattgnc	ccgaaggttc	540
agtgggttta	cgggctgttg	aaattttnac	aattttcttg	naccctntcc	aca	593

<210> 5173  
 <211> 447  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(447)  
 <223> n = A,T,C or G

<400> 5173						
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gctctctgtg	agaactttcc	agaggagatg	gcaacctacc	ttcgatatgt	caggcgactg	120
gacttctttg	aaaaacctga	ttatgagtat	ttacggaccc	tcttcacaga	cctctttgaa	180
aagaaaggct	acacctttga	ctatgcctat	gattggggtg	ggagacctat	tcctactcca	240

gtagggctcag	ttcacgtagg	agctgggtgc	atctgcaata	actygagaaa	gacacaca	300
tagggatcgg	ccatcacaa	agcctct	tcggaaatca	ggtgggtag	ctaccaat	360
gggagagctg	gatgttgat	gatccccacg	ggagcccan	tccaatggc	accattcac	420
agcttcacgc	ccgaggtggg	aggtagt				447

<210> 5174

<211> 1170

<212> DNA

<213> Homo sapiens

<400> 5174

gggtgcagt	gctcactcct	ataatcccag	cattttggaa	gtcctatgca	ggaggattgc	60
cagaggccag	gaatttgaga	tcagcctggg	caacatagtg	aaactctcat	ctttataaaa	120
agtaatat	aaatttttaa	aagtgtataa	actgtaaagt	atattttact	ggtgttttct	180
tccttattcc	tacttgtcag	atgcaaatac	acatttttgt	gtgtttgtgt	ttagtaatta	240
taagtataca	tatttcattc	ttctatttca	tatatttcta	tgacattata	tcttagatgt	300
gtaatttatg	aactactact	ggattatfff	aatccattag	aaattactat	tcacgcattc	360
tgtattcaat	tcagtgtgata	gctaataat	ttggttttaa	atgcatctta	ttttgtggtt	420
ttcttctagg	ctgttttttg	tgctttcttt	taaaaatata	taggttttaa	taatcttaat	480
tttcttttag	tttgaaatgt	atatactcat	tttattcatt	agtctaagat	aagaattgta	540
acacttctct	aacctattat	agaattgtta	atacctttac	ccttctcttg	aacacatcaa	600
aggatgtcat	tgagtgttg	tattggagta	tagcatatct	attattctgc	tcaattagaa	660
gatattgttc	atgttgtata	gagataataa	gtaattgtat	tgatctgcag	atgcatccat	720
ctcttggtg	ctcattcctt	ctaccactgc	agaactttca	cctgtaatac	ctttcctttg	780
gccttaagga	taacttttag	ggttactttt	ctactaaatt	tccaattttt	gaccagatat	840
aatcttatat	tgtgctcttc	ctgaaaaata	ctattgttgt	ggatagaaat	ctgggttggt	900
agttatttct	tcagcaattt	gaccatgtca	ttccactgtg	tcctggcct	cctgtatact	960
ggatgtgaat	ggatacaatt	atatattgtg	tttatagttt	tcctgtgcta	taggaacagt	1020
attccccgaa	tctgatgcaa	aggacaacac	accctagaga	ttgtaacagt	gagatgaacc	1080
aagtgattgg	atgggggttt	gagttgctgg	aataatggag	ttacagtgtg	caatgcataa	1140
gcaacataat	aaattatata	tctggtgaac				1170

<210> 5175

<211> 301

<212> DNA

<213> Homo sapiens

<400> 5175

cgccgcacag	ctgctgaatg	scctggrryt	wgstggygr	ttwcmkcrms	ymgsrctga	60
agctcagccc	tggccaggtc	cagaccttcc	tgctgtgggg	agcagggggc	ctggctgtct	120
actggtctgt	gtctctgtct	ctcggcttgg	tcttggcctt	gctggggcgg	atcctgtggg	180
gcctgaagct	tgtcatcttc	ctggccggct	tcgtggccct	gatgaggtcg	gtgcccgaac	240
cttccacccg	ggccctgcta	ctcctggcct	tgctgatcct	ctacgccctg	ctgagccggc	300
t						301

<210> 5176

<211> 349

<212> DNA

<213> Homo sapiens

<400> 5176

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agkctttccr	gtctacctga	tgcatgatct	ctacagttct	gagaagcara	actataaaac	120
aatgtaaaac	aataagggca	tatgtctggt	gtgtgtgtgt	gtgtgtgkgk	gtgtgtgtgt	180
gtgtgyacsc	acaygtgttt	ataaagrtar	cagytgtagg	aatgaatgag	attgrgggtg	240
rgggggtgcr	tatgtatgtc	tatgaaagcc	taatcatttc	tgggcaatga	tgwaaaggtt	300
ttackactga	tctttgtaac	tatgatgggt	tctacacttg	acctgggct		349



<210> 5177  
 <211> 907  
 <212> DNA  
 <213> Homo sapiens

<400> 5177  
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 cctcctcggg aggagcagcc cctcctctgt ctgctttccc cctcccttca atatgctggg 180  
 gcggagacyc kggcctccaa agtgcaattc cgggacccca aatcccagcg gacgcaccag 240  
 gctcaggtgg cgttccaggt gtgtgtgcgc cctggctcct acaccccggg acccccttcc 300  
 gctgcccttg gagaacctcc tgacctcac ttcagtccag ccgaacttga gtgggtcact 360  
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 caccactact acaagcacag tcgggcccgc ggcattggga ctctgagtgg cgactgctcc 480  
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 cactccgtct gatgggagga gycgtgggag cccagctcca ggccctggta cccctcttca 660  
 tgcactgatt tggggaacat gactcccttt tactccccta cccacatca cttaatttat 720  
 ttccgttttt gtttctggtt actgtgaatc ccagaggagt ctctccctgt gccacatga 780  
 agctgctttt tccggggcca ccgggcccga gtggggaagg gtgggcgcac ggaagatggg 840  
 ggcctctgta cagttgttac tgactctgat ttctaaggag ccaataaaca ccgtctcaga 900  
 aaaaaaa 907

<210> 5178  
 <211> 865  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(865)  
 <223> n = A,T,C or G

<400> 5178  
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 acctttttta attatgttag agatgtatat aggtatttaa aggtcactgg gagegtttct 180  
 gattcccggc cacactttgc atttcaacac tcagcccggg aagatgctcg ttcggttgtt 240  
 ggacctcttt cactccctgc gtgtaagaag gtgaatcacg tgggaaaaag tggmtyytya 300  
 gtaaaccgggt acagctcatt ctttctgaga agggcccagg tcctgctccc tcctcggatt 360  
 tgattgtctt cgtgcttttg cctcactcgt agtaaatac catccataga atatgtgaat 420  
 ctttgggtgag cttcagtggg cagagtgaag tcccgcatta gcatttaggt gccctgagct 480  
 gtttctgcca atagattaga aagcagccat gagttgacag tcttttaggg ccctgccagt 540  
 gtgcaattag tcattgacaa gaacaatgcc atttgagagt gaggtgggtc ctgctgctac 600  
 gaggccattg tactgttttt tccttgagggt caaagcagtg cttcccatag agtttgctgc 660  
 ctcttctgtg gacaggaaga aaacttcatg accgaatcag agccttggtg gccactgact 720  
 ctctgtctta ttgcagatgc tgtggttggc ctcacaagca acgccttatg ctgatgtgca 780  
 gaggtgccag ctgccawttt gccaaactct gcatttcatt tcatctaang gyttagcccc 840  
 ctcttncttc cgggggttan ccgtg 865

<210> 5179  
 <211> 952  
 <212> DNA  
 <213> Homo sapiens

<400> 5179  
 tgcaacatca ctgatatcag catcctttta aatattatct gmywcttgtt ctragagcma 60

saaagctggg	aattcyttga	y g t k a w k	masaatgcmk	mcawaatgaa	t g y a s r	120
ctrytrtggg	ttactagaca	t g a g t a a a	ggagcagctc	ttggaaaatc	t a c c a a g g g	180
aaggaagatc	tatgaacctc	cacggatat	gagtgtaaac	caagcagccc	agcagcttct	240
ggagattgtt	caaaatcaaa	gaatacgagg	agaagaacca	gcagttaccg	aggagacact	300
ttgtgttggc	ttagccaggg	ttggagccga	cgaccagaaa	attgcagcag	gcactttaag	360
gcaaatgtgc	actgtggact	tgggagaacc	attgcattcc	ttgatcatca	caggaggcag	420
catacatcca	atggagatgg	agatgctaag	tctgttttcc	ataccagaaa	atagctcaga	480
atctcaaagc	atcaatggac	tttgaacata	gatattttacc	attgtctgat	gtaaatttca	540
gccatatatg	gattgatatg	gtttggatgt	atccccaccc	aagtctcacc	ttgaatttta	600
atcctcataa	ttcccagggtg	ttgtggtagg	taattgaatc	atgggggcag	tttccctcat	660
gctattctca	tgatagttag	ctttcatgag	atctgatggg	tttataagtg	cctggcattt	720
cccctactgg	ctctcattct	cactcttgcc	gccctgtgaa	gagggtgcctt	ccaccgtgat	780
tgttaaagttt	cctgaggcct	tcccagccat	gtggaactgt	gagtcgaaaa	ttaaacctct	840
tttataatta	cccagtctcg	ggtattttctt	catagcagtg	tgagaatgga	ttaataacctg	900
gatgcacgca	tgtttgtgta	acaaacaggt	cttttggtctt	atctagtaag	ta	952

<210> 5180

<211> 657

<212> DNA

<213> Homo sapiens

<400> 5180

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ccagcacttg	tattgattat	ttttcatttt	gataatgttg	ggttttttaa	aactccttta	120
tgatggaaaa	tttcaaact	acacaaaagt	agagagagaa	tggtataata	aaccactca	180
gttttaagga	ttgtcaacta	ataccagttt	tatttcatgt	atgactccaa	caacttcccc	240
aaccagcctt	cagattat	gaaagcaaat	ttcagacatc	gtattttact	catacatttt	300
ctagtatcta	aatctggaag	agactctttt	ctaacagttc	tgtagcatta	attataactca	360
tactgtttgtg	caacaaatat	ccagaaatct	tttgtcttgc	gaaactgaac	ctcttaccca	420
ttaaacacta	actccctttt	ttttcacctt	gaaccatkgg	caaccacaat	tttactttct	480
ttttctgtga	gtttgattac	ttgatacttc	atgtgagtg	aatcatataa	tayyytctt	540
tytgtgactg	acattttatt	tagcttaatg	tcttcaagtt	tgaccatac	catatcatgt	600
ggcaggattt	ttcccttttt	ttttttttca	gacggrrgytc	gytctgtcgc	cagggtgg	657

<210> 5181

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5181

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gccaggaggc	ctkcctggag	gcggtgctac	gtcgactaca	ggsacagtgt	cggcaggaac	180
tggccaggct	ggtgggagcc	cgccctggtc	tcactctggat	cccgccacct	ggacgctgag	240
ggcctgtcga	cgggccctcg	tgtgggaagc	ctgccctggc	ccagcctggc	tgggtcttgg	300
aggagcagat	tccaaggcag	gtggcgcagg	gacgatgcag	atgcagagcc	cacgtcacat	360
gctcgctcca	gggggtggggc	tgggctgact	ctggccggat	cccaggcctg	tggctagcag	420
cactggggac	aggaatggct	ggtcctctga	ggaggtcgtg	acaggctcag	cctgggtggtc	480
tggaggggac	tcggaataa	attgtagcag	ctttcctgcc	gctggccctc	cccctgccac	540
cctgtcgggt	ttccctgttt	gggggtggga	gcgtggagga	gccctggca	gttgggtggcc	600
agtgtagggc	tggccaggtn	ctggaggaca	tgcatacccc	agcactgggtg	agtggcagga	660
ccacggggag	gtggcacagg	cctccctgga	gcnggattat	ctcggccccc	cccccttca	720

tttgggctcc	cgctgtgggc	ccctggg	ctgtgagcac	agcttgcccc	tccggc	780
catggctgtg	nctgggtggg	ccggatg	ggagccccgg	gctcttgctt	ccctnccccg	840
ggaagttggt	tgcttccggg	tngggaggna	cagcattggn	acaagagggg	tttntttcc	900
anaggctgtt	caagcaaagt	tnaagttgat	tccctgacaa	agaagcatnt	gttttcccgg	960
ngaacttgc						969

<210> 5182  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<400> 5182						
gaggagttaa	atthttgaagc	tctttgagaa	aggtaccttt	tcttaacatg	ttkkwtaa	60
aaaaatacaa	tggtctatth	aaaatgtccc	tatgcatggt	gaaatgttaa	ataccaagt	120
gatgaatggt	tctcaaata	attgtaatgg	agaattattc	acatgcatct	attgtttaaa	180
ctaataagta	aaatagactt	cttttttctg	ttctgtttta	aatgtgcact	aaaattac	240
gcttgtggtt	aagcatgggc	tggacagttt	attgattttt			280

<210> 5183  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<400> 5183						
gccacacggg	cccgcacat	ccctgcaatc	tggttccgct	acgacctcag	ccccatcac	60
gtcaagtaca	cagagagacg	gcagccgctg	tacagattca	tcaccacgat	ctgtgccatc	120
attggcggga	ccttcaccgt	cgccggcatc	ctggactcat	gcattctcac	agcctctgag	180
gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	acaccagcc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgccctgtc	tcctttggcc	ctcaatctgg	300
tcccaaatac	ggctgtgtcc	caaaggggtg	gtgggaagtg	gggggaaagt	agaggatggc	360
tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	tagacaaatt	acactgcctg	420
aagttgcagt	tcccctttcc	ctggggagcc	ccaagaacag	agtcaggcaa	gggggtgggga	480
gtccagggat	cttggggacc	cctcctagga	gagctgcagt	ctcttccctc	aggggaacat	540
cccagaatgc	atatcgatca	gctctcagcc	aggcttcgac	aatctcgcag	ccccactag	600
gtggacacat	taatgatthk	gtttctcccc	tgggcagcca	acctgcccc	gaggcaccag	660
acctgggctt	tctagctttt	gggaccaggc	tgcccaaagg	tactccttta	tacaccgggc	720
accttcacag	gagatgggta	ctttcccaag	caagcccc			758

<210> 5184  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5184						
ttccctccct	cctcctttca	ttctccttct	ctccttctcc	cttccttttc	tcctacctcc	60
tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttccct	cttctctatc	120
aatataatca	ctttgtttct	ttcaggtgag	atcggaactg	aactgttcgg	ctgcgaccag	180
aaatttattt	tcctgagtaa	attgcccaga	attaagaatg	aagagggcca	tttgcattct	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 5185  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 5185						
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ctaaattctg	tctccggcc	a	ttccaa	aactttctcc	aatgttaggt	a	aggcta	120
aaatgtgcta	acagcacttg	tg	tttggt	tccttttggt	ttacttttta	tt	ggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcatgccagt			240
tcaaacatga	atacatggtc	aaccttgat	cacttaaact	cytgcasaca	agccctgccc			300
catcctgttg	ttttgaataa	aatccatcat	tgt					333

<210> 5186  
 <211> 555  
 <212> DNA  
 <213> Homo sapiens

<400> 5186							
aaaacactat	ttacctat	ttccaaggaag	gaagtattga	gattgacatt	ccagtcccca		60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	cccccttagc	tcctatgact		120
ggaacccatt	gaaaaggtgt	ttgtcaaagc	tggagacaaa	gtgaaagcgg	gagattccct		180
catggttatg	atcgccatga	agatggagca	taccataaag	tctccaaagg	atggcacagt		240
aaagaaagtg	ttctacagag	aaggtgctca	ggccaacaga	cacactcctt	tagtcgagtt		300
tgaggaggaa	gaatcagaca	aaagggaaatc	ggaataaact	ccagcaagga	aatggccagt		360
taagtagtgt	cttctctctc	caccaaaaag	aggaagtgcc	tccagctttt	ctgggggtct		420
cataaagagc	agttttacta	aatgattgta	tgcttatgct	gaacaccttt	catattggag		480
aatcatgcat	ttgggtcact	aattatctca	aaatatttca	tactaataaa	gttgaattat		540
tttttattgg	aagcc						555

<210> 5187  
 <211> 1029  
 <212> DNA  
 <213> Homo sapiens

<400> 5187							
aacaggaata	tggaaagaaa	ctcagagccg	agttagtggg	aaagtggaaa	gcagagagag		60
aggctcggct	ggcaagagga	gaaaaggaag	aggaggagga	agaggaggaa	grgatcaaca		120
tctatgcagt	caccgaggag	gagtcggacg	aggaaggcag	ccaggagaaa	ggaggggacg		180
acagccagca	gaagttcatt	gtcacgtcc	ctgttccctc	gcagcaagag	attgaggagg		240
cactggtgcg	aaggaagaaa	atggaaactcc	tccagaagta	tgcaagcgag	accctgcagg		300
cccaaagtga	agaagccaga	aggctcctgg	ggtattagga	cccagctggg	gctctccttg		360
gagttcttcc	atccccagct	ggtacctcag	gacccagggc	tkcagacaca	ggctggtgct		420
gcaagggctc	ctgccccatt	ctcagccttc	cttccctctc	cttgtctcat	gttgaccgga		480
gggtaggggt	ctgtccctgg	tcttcctggt	aggttttgta	cacatatttt	gctactgtgt		540
ggatccattt	atttttattg	tggagtgtat	acaacagggt	gcgaactggc	tgctgtgtc		600
ttattttgac	ttgcactgcc	attttgaggg	gagaagaatc	aattagtggc	aaacatttaa		660
aaatgcaatt	ttttgcagac	caaagtataa	ttttaaaaaa	tgcaaatttt	ctaaaagaca		720
catctcttga	aaaatgagat	gatgtggcca	ggcgcaagtg	cacgcctgta	accccagcac		780
tttgggaggc	cgaggcgggc	gggtcacgag	gtcaagagat	ggagaccatc	ctggccaaca		840
tggtgaaacc	ccatgtctac	taaaaatata	aaaaaattag	ctgggcgtac	tggcatgcac		900
ctgtagtccc	agctgcttgg	gaggctgagg	caggagaatc	acttgaaccc	gagaggtgga		960
ggttgaagtg	agcaagactc	gtgccattgc	actccagcct	ggcgacagag	tgagactctg		1020
tccccccac							1029

<210> 5188  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

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<400> 5188
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tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat tatgatatrg    120
ccatttaata acattgattt cattctgttt aatgaatttg gaaatatgca ctgaaagaaa    180
tgtaaaacat ttagaatagc tcgtgttatg gaaaaaagtg cactgaattt attagacama    240
cttacgaatg ctttaacttct ttacacagca taggtgaaaa tcatatttgg gctattgtat    300
actatgaaca atttgtaaat gtcttaattt gatgtaaata actctgaaac aagagaaaag    360
gtttttaact tagagtagcc ctaaaatatg gatgtgctta tataatcgct tagttt      416

```

<210> 5189

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(572)

<223> n = A,T,C or G

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<400> 5189
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sraaaccagg ttcacagaat gattgcagag ttcaagctga tccctggact taataatttg    180
tttgacaaac tgatttgagg gaagcattca gcatctgccc ttgtcctcca tggtcacaac    240
cagaactgtg actgtagccc ggacatcacc ttgaagatac agtttttgag gcttcttcag    300
agcttcagtg accaccacga gaacaagtac ttgttactca acaaccagga gctgaatgaa    360
ctcagtgccca tctctctcaa ggccaacatc cctgaggtgg gaagctgtcc ttcaacaccg    420
acaggagttt ggggtgtgtga tggggaagag ggggcttatt taactcgtct ggttgcaggt    480
tcatggaaga agggagccag caggagtcgt cttttcaggt tttnggcaag ctcggggntg    540
ttgggagagt tttcctcccg aggggaccac ct                                572

```

<210> 5190

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 5190
taagaatcca ccaccacca tcaattttca ggaatgggat ggtctagtaa ggataacctt      60
tgttaggaaa aacaagacac tctctgctgc atttaaatac agtgacgtgc aacaactctt    120
ggaaaaaaac tacagaattc actgttcagt ccataatatt ataataccag aagatttcag    180
catagcagat aaaatacagc aaatcctaac cagcacaggt tttagtgaca aacgggccccg    240
ttccatggac atagatgact tcatcagatt gctacatgga ttcaacgcag aaggtattca    300

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<210> 5191

<211> 553

<212> DNA

<213> Homo sapiens

```

<400> 5191
ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat tttagaggca      60
tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag tgatgaagct    120
cctcaggaag atgagggtt tatgggcâtg tcccctctct tacaagccca tcatgctatg    180
gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggtc ggtggcgagt gatccctcat    240
gatgtactac cagactggct caaggataat gacttctctt tgcattggaca ccggcctcct    300
atgccttctt tccgggcctg ttttaagagc attttcagaa tacacacaga aacaggcaac    360
atgtggacac atctcttagg tatgtaatgt cagtgatgta atgagctggg gattcacttt    420
cttctttttt attttcatgt atttgagggt aagcacagaa cttcagaaat gtatttggat    480

```

ttgccatttt	gttttctgaa	t	aatga	tgaattttct	gactgggtta	o	agttt	540
atcctggttt	gca							553

<210> 5192  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5192	
atcagtatga	actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
ctgttatggt	gcctgaggggaggatctca atgaatggat tgctgtgaac actgtggatt 120
tctttaacca	gatcaacatg ttatatggaa ctattacaga attctgcaact gaagcaagct 180
gtccagtcac	gtctgcagggt ccgagatatg aatatcactg ggcagatggt actaatatta 240
aaaagccaat	caaatgtttct gcacccaaaat acattgacta tttgatgact tgggttcaag 300

<210> 5193  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5193	
gaaccaagaa	aatattttaa aatctaagca gtcctttgct cattaaagga taaatcagta 60
gttaacactt	tttctacaaa gaaatgggtgt gcctggatgg tcgtgtaggt gagttttacc 120
aaggattatg	gtaacaaatg agtgagacct ctatggagaa aatattgaag gacattaaag 180
aagacctcat	aaatggagag agatatatca ttaatggata ggaagcctca atggcataag 240
tatgtcagtt	tctttcaaaa ctcacctatg gattcaatgt gattccaaac caaatcccaa 300

<210> 5194  
 <211> 575  
 <212> DNA  
 <213> Homo sapiens

<400> 5194	
ggacaagtcc	aagaaactgg cggagcaggc tgcagccatc gtctgtctgc ggagccaggg 60
cctccctgag	ggtcggctgg gtgaggagag cccttccttg cacaagcgaa agagggaggc 120
tcttgaccaa	gaccctgggg gccccagagc tcaggagcta gcacaacctg gggatctgtg 180
caagaagccc	tttgtggcct tgggaagtgg tgaagaaagc cccctggaag gctgggtgact 240
actcttcctg	ccttagtcac ccctccatgg gcctgggtgct aagggtggctg tggatgccac 300
agcatgaacc	agatgccgtt gaacagtttg ctggtcttsc ctggcagaag ttagatgtcc 360
tggcaggggc	catcagccta gagcatggac cagggggccgc ccaggggtgg atcctggccc 420
ctttggtgga	tctgagtgaac aggggtcaagt tctctttgaa aacaggagct tttcaggtgg 480
taactcccca	acctgacatt ggtactgtgc aataaagaca cccctaccc tcacccacgg 540
ctggctgctt	cagccttggg catcttcata aatgg 575

<210> 5195  
 <211> 477  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(477)  
 <223> n = A,T,C or G

<400> 5195	
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aagtacttcc	tattgaagac agtggaccag cacatgaagc tggccttctc caaggtcttg 120

cgacagacaa	agaagaaccc	ctatccc	aaggataaaa	gcacgagtat	ctacttg	180
aaggcccttg	gaatacacca	gaaggccag	aaagttacag	atgacatgta	tggaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300
aaatgcccc	agagtgtgaa	aggccggaat	gacacctttt	tacctggaca	cctggaggcc	360
agtgggtggg	ccccccaaca	ggcccaatct	ggttaytcag	tccagcctat	tcaggcagag	420
aggcagatgg	gggacaattg	tttgacgcgg	gttcnggggt	gattaaggag	gaanttt	477

<210> 5196  
 <211> 555  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (555)  
 <223> n = A,T,C or G

<400> 5196						
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catggtgcgc	caggtcccga	cggtccgcgc	ccagatcccg	cccactacag	ggagcgagtc	180
aaggccatgt	tctaccacgc	ctacgacagc	tacctggaga	atgcctttcc	cttcgatgag	240
ctgcgacctc	tcacctgtga	cgggcacgac	acctggggca	gtttttctct	gactctaatt	300
gatgcactgg	acaccttgct	gattttgggg	aatgtctcag	aattccaaag	agtggttgaa	360
gtgctccagg	gacagcgtgg	gactttgata	ttgatgtgaa	cgctctctgt	tttgaaacaa	420
acattcgagt	ggtagggagg	actcctgtct	tgttcatctg	cttttccaag	aaggctgggg	480
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nggcggcccc	aaaat					555

<210> 5197  
 <211> 1175  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1175)  
 <223> n = A,T,C or G

<400> 5197						
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gagacaagat	ggtgaaggaa	ctgagcctga	tgaagagtca	ggaaatggag	cacctgttcc	120
tgtacctcca	aagagaacag	ttaaaagaaa	tatacccaag	ctggatgctc	agagattaat	180
ttcagagaga	ggacttccag	ccttaaggca	tgtattttgat	aaggcaaaat	tcaaaggtaa	240
aggtcatgag	gctgaagact	tgaagatgct	aatcagacac	atggagcact	gggcacatag	300
gctattccct	aaactgcagt	ttgaggattt	tattgacaga	gttgaatacc	tgggaagtaa	360
aaaggaagtt	cagacctgtt	taaaacgaat	tgcacttgat	ctccctattt	tacatgaaga	420
ttttgttagc	aataatgatg	aagttgcgga	gaataatgaa	catgatgtca	cttctactga	480
attagatccc	tttctgacaa	acttatctga	aagtgagatg	tttgcttctg	agttaagtag	540
aagcctaaca	gaagagcaac	aacaaagaat	tgrgrgaaat	waaccaactg	gccytggaaa	600
gaaggcaggc	maagctgctg	agtaatagtc	agaccctrgg	aaatgatatg	ttaatgaata	660
cacccagggc	acacacgggt	gaagaggtta	atactgatga	ggatcaaaag	gaggagtcaa	720
atggattaaa	cgaagacatt	ctggacaatc	catgtaatga	tgctattgcc	aatactttaa	780
atgaagagga	aacactgctg	gaccagtctt	ttaaaaatgt	gcaacagcaa	cttgatgcta	840
catccagaaa	tattactgaa	gctagataag	tttccattaa	gagaaaatgt	atctgttaag	900
tcacgtcctc	gcaagcttgg	cgttactatg	tattttttct	tcttgagtg	aaaatcctta	960
gatagtaaaa	ctgttataga	ttattgttta	aaatctgata	atctggtatt	tatttataat	1020

tatggggctt	gtcacttttag	tatctat	ttgtntctctt	tagtgtttgt	atataag	1080
gtattttcttc	ataaaatgat	tggaggtaa	tangcagttt	ctgctgctgg	tgtgtcattg	1140
aatgccttgt	tttactaag	ttgggaggtt	tggtt			1175

<210> 5198

<211> 752

<212> DNA

<213> Homo sapiens

<400> 5198

gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	agaaacacag	60
aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcatectcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcca	gttatattta	atgagcctct	180
gagcttccta	cagcgccctaa	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gatactgtgg	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300
tgcttctcag	tggaacgga	ctggaaaacc	tttcaacca	ctgctgggag	agacttatga	360
attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	atcaccacc	420
aatcagtgc	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	gctctatcta	480
tcccaactg	aaattctggg	ggaagagtgt	agaagcagaa	cccaaaggaa	ccatcacctt	540
ggagctcctt	gaacacaatg	aggcatatac	atggacaaat	cccacctgct	gtgtgcataa	600
tatcattgtg	ggtaaactgt	ggatcgaaca	gtatggcaat	gtggaaatta	taaaccacaa	660
gactggggac	aaatgtgtgt	tgaattttta	gccatgtggc	cttttttgta	aggaattaca	720
caaagttgaa	ggctacattc	aagataaaag	ca			752

<210> 5199

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5199

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gacccacatc	cctcccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccctgcccc	ttccgagtgg	ccatctatgt	300

<210> 5200

<211> 530

<212> DNA

<213> Homo sapiens

<400> 5200

ggattttctcc	tccttccgcg	ctttctgcgt	gacactggct	gtcagctctg	ggctgggctt	60
tctggggggcc	acacagctgc	tgaggcggcg	ggttgaggcg	gcccgaagg	accagggtg	120
ctcaggcctg	gttgtggata	gcggcctgtg	tggagaggag	ctgcttgtrg	gcagtgagga	180
ggcggacagc	atcaccttgg	gccggtatct	ccggcagctg	gcacgccatc	ggaacttcct	240
gtggttcgtg	agcatggacc	tggtgcaggt	cttscastgs	cwctwcrmcw	gyaayyyck	300
cmctctcttc	ctggagcatc	tggtgtccga	ccatatctcc	ctttccacgg	gctccatcct	360
gttgggcctc	tcctatgtcg	ctccccatct	caacaacctc	tacttctgt	ccctgtgccg	420
gcgctggggc	gtctacgcgg	tggtgcgggg	gctcttctctg	ctcaagctgg	gacttagcct	480
gctcatgttg	ttggccggcc	cggaccactc	agcctgctgt	gcctcttcat		530

<210> 5201

<211> 837

<212> DNA

<213> Homo sapiens



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<400> 5201
atacactgca tttgctggtg ctttttat atagtgaagc aacagctgta cgtcaaaata 60
ataaaatact cacttcttcg ttaaaaaaaa aaaaatttac ttcttacaat tctggaggcc 120
aggaagacca tgatcagggt ccagcatctg ggaagggcct tcttgctgtc ctcccatggc 180
agaagatgga agggcaaggg agagctaaca tgctcccgca aacccttttt ataatggcat 240
caatcaaata tgaggccaga gtcttctgtga cctaatacct tcccaraagg ctccgcyycc 300
aaccctgttg cattgggatt aagtttccaa cacatgaatt gtggagacaa cacattcaaa 360
acatagcatt ccacaccttg ggctccccag attcatgtcc tcacatgcaa aataaattca 420
ttccatccca atagccccta aaaagtctta acttgttcca gcatcaactt taaagtcaaa 480
gtccaaagtc tcatctaaat cagatatgag tgagactcaa ggcattgatt atcatgagac 540
aaaggatgta catttgcaat gtttctcatg tcagacaaaa caaaaatatg taaatatcca 600
tcaataggga actgctgaaa aatttttttg tataatcata aaatgaaaca tgcagatgtt 660
taaaccaatg agctagatct caacgtgctg atatggaaag tgcttcagaa tgtattaagg 720
acataaatta agtgtaacaat aatgtgtgtg tgtgtatata tgtatatgct tacgtgtgta 780
tggaagatg ctcagcagat acaataaaaa ctttaattgtg attaaaaaaa aaaaaaa 837

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<210> 5202
<211> 589
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

```

```

<400> 5202
caagaagaaa catggcggct atccttctct cacatcgaaa aggaaatttt gaacaatcat 60
ggaaaatcta aaacgtgctg tgaaaacaaa gaagagaaat gttgcaggaa agattgttta 120
aaactaatga aatacctttt arwwrgcws aragaaaggt ttaaagacaa aaaacatctg 180
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaaccct 240
caagacagtc agtgggaccg caaagacctg ggcctctgct ttgataactg cgtgacatac 300
tttcttcagt gcctcaggac agaaaaactt gagaattatt ttattcctga attcaatcta 360
ttctctagca acttaattga caaaagaagt aaggaatttc tgacaaagca aattgaatat 420
gaaagaaaca atgagtttcc agtttttgat gaattttgag attgtatttt ttagaaagat 480
ctaagaacta gagtcaccct aaatcctggg agawtacaag awaaatttgg aaaagggggc 540
agacgctgtg gcttcacacc tgtagttccc agcttctttt gggnggggcc 589

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<210> 5203
<211> 551
<212> DNA
<213> Homo sapiens

```

```

<400> 5203
gcatttgccc cattggccgc attctgctga cccatcacct tgggtgctttt tctgcttttt 60
ctcygtygtm ctctgtgtgt gttcctttgt cctgacctt gtcaccttgt gggtcacaaa 120
tggttcact agcctcatgg agcctggcct tacattgcag agtccaaagc aggagctgag 180
ggaaaatgaa aaacaacttc ttcacaccg gaagcccagc aaacttctcc ttaaaaatca 240
ctggctcagg ctgggtgcag tggctcacac ttgtaatgcc agcactttgg gaggtgaga 300
tgggcagatc acctgagggt aggagtccga gaccagcctg gccaacatgg tgaaacctca 360
tctctacaaa aatgcaaaaa ttagccgggc ctgggtggcg gtgcctgtaa tcccagctac 420
tcaggaggct gaggcaggag aatttcatga acctgggagg cggagggtgc agtgagccaa 480
gactgtgcca ctgccttcca gcctgggtga cagaatgmga ctctatcttt araaacacaa 540
aacaagtcga c
551

```

```

<210> 5204
<211> 345

```

<212> DNA  
<213> Homo sapiens

<400> 5204

gtccagaaat	actctgatac	tagctatggt	cagcaacatt	taatgaaaac	scttatgtta	60
aaaataaacc	cctgcctcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatag	gcacgtacca	ccacaccag	ctaatttttt	gtattttttac	tagagatggg	180
tttcacagtg	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgcctmggc	240
ctcccaragt	gctgagatta	caggcgtgag	tactgtgcc	cggcctcaa	atsttargaa	300
aaggttcttt	tgggtgcatg	gagttttaca	tgggaataaa	ttagt		345

<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttattttatg	120
ggatggattc	acaggacaga	gggtcaaagg	ctatcaggag	catgagaaga	ggtgttgagg	180
tggtgacttt	aatttgatgg	atcctaaact	cttggttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300
gtgctgtgtt	aaattcagcc	cctcttccag	ataccatttg	gctttcggct	gtkcagatca	360
ctgtgtccac	tactatgatc	ttcgtaacac	taaacagcca	wcatgggtat	tcaaaggaca	420
ccgtwaagca	gtctcttatg	caaagttttt	gagtggtt			458

<210> 5206

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 5206

atggtgtttt	cacctggaag	ctgagaagaa	aggggcttta	atggaacaaa	tagcacatca	60
agctgttgta	atgcagttta	ttatggaaat	ggccaaaaac	tgtaatgtgg	atccaagagg	120
gtgttttcgt	ttatttttcc	agaaagccaa	agcagaggaa	gaaggttatt	ttgaagcatt	180
caaaaatgaa	cttgaagctt	tcaagtcaag	agtaagactt	tattctcaat	cacaaagttt	240
tcaacctatg	acagttcaga	atcatgttcc	ccattctggt	gttggtatcta	taggtttatt	300
agaatcctta	ccacagaatc	cagattatct	tcagtattct	atcagtacag	ctctctgcag	360
cttaaactcg	gtggtacata	aagaagatga	tgaacccaaa	atgatgggac	actgtataat	420
ttgggttaag	actgctgagg	ccaagtgcta	ttttgttaca	ggaaaggagg	gaacttgggc	480
tattttcttg	gacactttta	tgggggtgct	ggcactttat	ttttgttcc	ggtttttgtn	540
ggggngggg						548

<210> 5207

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5207

aaaacataat	ttctgtttca	tgatgaa	tacaaggctg	caagtggaac	atctgttac	60
tgagatgata	acaggaactg	acttggtgga	gtggcagctt	agaattgcag	caggagagaa	120
gattcctttg	agccaggaag	aaataactct	gcagggccat	gccttcgaag	ctagaatata	180
tgcagaagat	cctagcaata	acttcatgcc	tgtggcaggc	ccattagtgc	acctctctac	240
tcttcgagca	gacctttcca	ccaggattga	aactggagta	cggcaaggag	acgaagtttc	300
cgtgcattat	gaccccatga	ttgcgaagtg	rntcgtgtgg	gcagcagatc	gccaggcggc	360
attgacaaaa	ctgaggtaca	gccttcgtca	gtacaatatt	gttggactgc	mcaccaacat	420
tgactttctta	ctcaacctgt	ctggccaccc	agagtttgaa	gctkggaacg	tgcaactga	480
tttcatecct	caacaccaca	aacagtgtgt	gctcagtcgg	aaggctgcag	caaagagtct	540
ttatgccagg	cagccctggg	tctcatcctc	aaggagaaaag	ccatgaccga	cactttcact	600
cttcaggcac	atgatcaatt	ctctccatct	tctctagca	gtggaagaag	actgaatata	660
tctgtatacca	gaaacatgac	tcttaaagat	ggtaaaaaca	gttttcgtct	cctcggataa	720
tcaaccattt	ccatactcat	gtaactctagg	catactctgg	agttattaca	ggtttggttc	780
cagaccacta	caataaaaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggtcttatag	840
catgcagatt	gaagaaaact	ttccaagtcc	ttgggtaatc	tttacagccg	agggagactg	900
cacttacctg	aaatgttccg	ttaatgggag	ttgc			934

<210> 5208

<211> 934

<212> DNA

<213> Homo sapiens

<400> 5208

gtagctcga	ggggcaaata	aagagcacag	gaatkwwtct	gattacacac	ctctaagtct	60
ggctgcttct	ggtggctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggtagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	aacactgcc	ttacttttagc	ctgcttccaa	ggaagaactk	aagtggtag	300
tcttctgctt	gatagaaaag	caaagtgtga	acacagagct	aagactggtc	tcacaccayt	360
aatggaggct	gcctctgggtg	gatatgcgga	ggtggccgag	ttcttttgga	taaagatgct	420
gatgttaatg	ccctccagtt	cctcctcaag	agatacagct	ttaaccatag	cagcagataa	480
gkgcattaca	aattctgtga	gcttcttatt	ggcaggggag	ctcatattga	tgtacgtaac	540
aagaagggga	acactccatt	gtggctagca	gcaaagtgtg	gacacctcga	tgtggttcag	600
ttactgggtg	aagcaggtgc	agatgtggat	gcagcagata	accgcaagat	aactcctctt	660
atggcagcat	ttagaaaggg	tcatgtgaag	gtgggtgcgct	acttagtcaa	agaagtcaat	720
cagtttccat	cagattctga	atgtatgaga	tacatagcaa	ccatcactga	taaggagatg	780
ctgaagaagt	gtcatctttg	tatggagtca	atagtacaag	ccaaagatag	acaggctgct	840
gaagcaaaca	aaaacgccag	cattttgtta	gaggagttag	acttggaata	gttaagggaa	900
gaaagtgcga	ggctggcttt	ggctgcgaaa	agag			934

<210> 5209

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5209

gcgggcacgg	cggtggctcg	gtctcccggc	tgcgcgcgga	gcgggagggc	tctcctcaca	60
caagcgcttc	cttgccgaga	ggctggagct	gcggcaccgc	aggcctgagc	cacctcttct	120
ctgctgtctc	cttctcttcc	tcagggtccc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	tttcttatt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

<210> 5210

<211> 711

<212> DNA

<213> Homo sapiens

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<400> 5210
cccccttcctt ctgtctcttg agccttga gcttggggaa atatggaggg gctgtgtct 60
gcaatcaagg cctctgcagc tcacggctgg cccggtgggc tgggacttcc gtctgaattt 120
taaatactta gggttcattt tttttctct gggcaacaaa gcttgatgtt ttcactgctt 180
tagtttcttg tttgctgggt ggaggggata cggctctgtga ctctggactt gctctggggg 240
aacagttgtc actgcccccg gggagagggg cagcttgggc tggagaagca cagccagaga 300
cagagccctt cgagagggat ccttggctgc ttcattgtct tccccccagc aagccctgct 360
ctccacaggg accctctgggg tcttgggtat gtccccgctc acctccttcc agagtctga 420
gtggtgtggg tgtgggtggc acaggatctg gggcatggga ggggttcaga gcttcccaga 480
gccccgtgtc ctggcagact cagctgggtg gctgggggtg taaccccagt cctggcgtag 540
gtttacagac tctcaaggta cgttggccct ggtctcctgg gagagagggg tgagggatgt 600
ccctaccaa agcacaagg gggatcaggg tgccctcctgg gttgggtgtc gggggagctg 660
tccggcagcc tggcagggag atgcaagggc taaagtaaaa ttttgtcaag t 711

```

<210> 5211

<211> 839

<212> DNA

<213> Homo sapiens

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<400> 5211
tcaaggccta cgaacaggtg atgcaactacc cgggtacgg tcccccatg cctggcagct 60
tggccatggg cccggtcacg aacaaaacgg gcctggacgc ctgccccctg gccgcagata 120
ccttcctact accagggggg gtactcccg ccccatatat gaactcctct taagaagacg 180
acggcttcag gcccggttaa ctctggcacc cggatcgag gayaagttag agagcaagtg 240
ggggctgaga ctttggggag acggtgttgc agagacgcaa gggagaagaa atccataaca 300
ccccacccc aacaccccca agacagcagt ctctcttcc cgcctgcagc ygttccgtcc 360
caaacagagg gccacacaga taccacacgt tctatataag gaggaaaacg ggaaagaata 420
taaagttaaa aaaaagcctc cggtttccac tactgtgtag actcctgctt cttcaagcac 480
ctgcagattc tgattttttt gttgttgttg ttctctcca ttgctgttgt tgcaggggag 540
tcttacttaa aaaaaaaaaa aaattttgtg agtgactcgg tgtaaaacca tgtagtttta 600
acagaaccag agggttgtac tattgtttta aaacaggaaa aaaaataatg taagggctg 660
ttgtaaatga ccaagaaaaa gaaaaaaaaa gcattcccaa tcttgacacg gtgaaatcca 720
gggtctcgggt ccgattaatt tatggtttct gcgtgcttta tttatggctt ataaatgtgt 780
attctggctg caagggccag agttccacaa atctatatta aagtgttata cccggtttt 839

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<210> 5212

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(603)

<223> n = A,T,C or G

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<400> 5212
agaaagtgtc agcacagttt gtgttgtgga tttgctactt ccatagttta cttgacatgg 60
ttcagactga ccaatgcatt ttttccagt acagtctgta gcagttgaag ctgtgaatgt 120
gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacattatct 180
gaccaatagt acacacacag acacaaagtt taactggtag ttgaaacata cagtatatgt 240
taacgaaata accaagactc gaaatgagat tttttggta cacttttctt tttagtgtct 300
tatcagtggg ctgattcatt ttctacnttn aancagnngg ttttctgacc angaatatgg 360
ctnggatttt ttngaaagta caaaangcca catagttttt ccagaaaggt ttcaaaactc 420
ccaaagatta acttccaact tataagtttg tttttatatt caatctatga cttgactggg 480
tattaaagcc gctatttggg tagtaattaa atatggtggg cattgatata aaccngtttg 540
gggtcagcaa accaacctaa atggatggcn aagaccngg gtttaatttt cccggtgggg 600
gtg 603

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<210> 5213  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5213  
 ccaagggcgca gcccgattct gccccctacg attgggttcgg ggactttctcc tccttccgtg 60  
 ccctcctaga gccggagctg cggccccgagg accgtatcct tgtgctakgt tgcgggaaca 120  
 gtgccctgag ctacgagctg ttccctcggag gcttccctaa tgtgaccagt gtggactact 180  
 catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgccgcag ctgcgctggg 240  
 agaccattga tgtgcggaag ctggacttcc ccagtgttc tttgatgtg gtgctcgaga 300

<210> 5214  
 <211> 492  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(492)  
 <223> n = A,T,C or G

<400> 5214  
 gagaagctga ccttggacct gacgggtgctc ctgggtgtgc tgcaggggca acagcagagc 60  
 ctacagcagg gggcacactc caccggctec agccgcctgc acgacctcta ctggcaggcc 120  
 atgaaaaccc tgggagtcca gcgccccaaag ttggagaaga aggatgccaa ggagatcccc 180  
 agtgccaccc agagccccat cagtaagaag cggaagaaaa agggattctt gccagagacg 240  
 aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca 300  
 gccaccggcg ggagccagcc ccncagcatg ggcaggaaga agaggaacag gacaaaggct 360  
 aaggtccag cccaggcaaa cgggacgcca accaccaaga gtccagcccc tggcgccnc 420  
 acccgagacc ccagcacccc tgccaaatcc ccaaaactgc agaagaaaaa ccagaagccg 480  
 tcccaggtga at 492

<210> 5215  
 <211> 1011  
 <212> DNA  
 <213> Homo sapiens

<400> 5215  
 gcaaggcgcc gggggacacg ttggctgcgt tttcggcgga ctggccgggt acaaaaatgg 60  
 ctgtggctag cgatttctac ctgcgctact acgtagggca caagggcaag tttgggcacg 120  
 agtttctgga gttcgaattt cggccggacg gaaagcttag atatgccaa aacagcaatt 180  
 acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgt atggaagaac 240  
 tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc 300  
 ctgatagggt tggccgacag agcttgaaat tgtaattgga gatgagcaca tatcttttac 360  
 cacatcaaaa ataggttctc ttattgatgt aaatcagtc aaggatcctg aaggccttcg 420  
 agtattttac tatttggtac aagacttgaa atgtttagtt ttcagtctta ttggattaca 480  
 cttcaagatt aaaccaattt aaattgtatg ttttcaggct gtttgtatat ttaattaagg 540  
 gatgggaggg gttatttgtc atttacagta ttggggtttt tatgaatgtg aagcaaacaa 600  
 aaaaaatttg tatgtaaact gaaaataaga aaatacatta gcaagcttaa tggttatcct 660  
 tacttgagtc cacatgggtt ggacagtccc cacacacatt aaattctgta aatgaaagcc 720  
 accttttgtt aaaaatttgc tctaataaaa cataccaaat cctggttgca gagtagtttt 780  
 ttgttttttc caggaggcta tgtctcta at tcaactttaga gataataaga aattgttctg 840  
 gtagatatat cctgtgacag aagatacttt aggtggaact atgtagccag attcccatcc 900  
 atgaaaggca agtgtagatt gtcccttatt tccttcatac atgattggat ttaattttgg 960  
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<210> 5216  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5216  
 gcaacgtgtg cggtcgggcg attccggagc ccctgcgtgg aggaactgct gggcgggagg 60  
 agacgccggc ggctcgggcg atggctgacc gcacacgttg ccaccctgag gtctttcttg 120  
 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180  
 ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240  
 ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 5217  
 <211> 1544  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1544)  
 <223> n = A,T,C or G

<400> 5217  
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 cttgacgcgc cagctggtac aggacgagaa cgtgcgcggg gtgatcacca tgaacgagga 120  
 gtacgagacg aggttcctgt gcaactcttc acaggagtgg aagagactag gagtcgagca 180  
 gckgcrscgw srgcacagta gacatgactg ggatccccac cttggacaac ctccagaagg 240  
 gagtccaatt tgctctcaag taccagtcgc tgggccagtg tgtttacgtg cattgtaagg 300  
 ctgggcgctc caggagtncc actatggtgg cagcatacct gattcagggtg cacaaatgga 360  
 gtccagagga ggctgtaaga gccatcgcca agatccggtc atacatccac atcaggcctg 420  
 gccagctgga tgtttctaaa gagttccaca agcagattac tgcacgggca acaaaggatg 480  
 ggacttttgt catttcaaag acatgatgta tggggattag aaagaactca agacactcct 540  
 gcttgataca gaacaaaaag agcttaacag gaccaacang gcttaagccc agacttgacg 600  
 taacagaaat gtgccaatag gtaataggta atttttcttt ctctgacttg ttttgttttc 660  
 ttgaaataac actgttgtgt ggctagaaag gaaaagattt agtgtggctt gtattcaygg 720  
 gatacaggac agggatgggg ctatcatctt ttcttgaaata gggctaaaga agtattttta 780  
 caaaaatcta ttatgtacct aatattgtgc ctaataatat ttagcaccac aactcaaaaa 840  
 acatttagca cttgaaaaaa ggagactcac ctctggctct ttgccactgt cagaatctga 900  
 atctcactgg ccctgtggag tagggatcct atctggagaa gtgggagcat gggctgcagt 960  
 caggactgct gcagactgag ccatgtgatg gtacgtaatg agttcccctg agggaatgaa 1020  
 acacccccct cacccttca aagtcacccc tttggaattc aacacagaca cacatatccc 1080  
 ttcaaaaact tttatttgta tcaacagttc ctagctcttg acttagctta gagcttttaa 1140  
 aagagcagac accttatata tttgagattg aaaaagtttc tgctattaat cagaaataat 1200  
 catttctatt ttctggctta ccccttgga taagccaaa ataaaaccaa agttacattt 1260  
 cctgacagat ggctaagaaa acaatagaag gaacatcctg aattctagag ttgactcttg 1320  
 ctggtgaagt acaccttcag gcttaggtcc attctcctaa gtaaagcctg aaggaaaact 1380  
 cttaacacct aattctttgt gggaaaaatg atcaactagg ccatttcaca ggctwtgaa 1440  
 cmaaagtacm attgggcatc tttccytatg tcckgggatc aggggwgctt acatttaaca 1500  
 ttgatcaggt aaagaggaga ggctgtgcta aggtctgaga aaag 1544

<210> 5218  
 <211> 948  
 <212> DNA  
 <213> Homo sapiens

<400> 5218  
 ggctagcgat ttctacctgc gctactacgt agggcacaag ggcaagtttg ggcacgagtt 60

tctggaggttc	gaatttcggc	cgga	gcttagatat	gccaacaaca	gttataca	120
aaatgatgtg	atgatcagaa	aggctta	tgtgcacaag	agtgtaatgg	aaactgaa	180
gagaattatt	gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccccctga	240
taggggtggc	cgacaggagc	ttgaaattgt	aattggagat	gagcacatat	cttttaccac	300
atcaaaaata	ggttctctta	ttgatgtaaa	tcagtcaaag	gacctgaag	gccttcgagt	360
attttactat	ttggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	420
caagattaaa	ccaatttaaa	ttgtatgttt	tcaggctggt	tgtatattta	attaagggat	480
gggaggggtt	atttgtcatt	tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	540
aaatttgtat	gtaaaactgaa	aataagaaaa	tacattagca	agcttaatgg	ttatccctac	600
ttgagtcac	atgggttga	cagtcaccac	acacattaaa	ttctgtaaat	gaaagccacc	660
ttttgttaaa	aatttgctct	aataaaacat	accaaatacct	ggttgagag	tagttttttg	720
ttttttccag	gaggctatgt	ctctaattca	ctttagagat	aataagaaat	tgttctggta	780
gatatatcct	gtgacagaag	atacttttag	tggaactatg	tagccagatt	cccatccatg	840
aaaggcaagt	gtagattgtc	ccttattttcc	ttcatatcatg	attggattta	attttggggg	900
gcttatacaa	ggtctagttt	ttttttacag	ttatgacaaa	cccctcag		948

<210> 5219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5219

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatag	120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggagggtg	gaggtgggag	aattgcttga	accaggaggt	240
ttgaggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctgggcca	cagagcaaga	300

<210> 5220

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 5220

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcgggtcaa	gtcgtctgcg	tccgagcgtc	tgatccgtac	120
ctcgtctggac	ctggagttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgacca	180
ggagatctcg	gtgctgaakg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgcgtgagga	ckagcgtttc	cgctgtctgc	tgaggatgct	300
ggagaagcgg	cagatggacc	gagcggacac	aaggggtgagc	ttcagacaga	caagatgatg	360
agggcagctg	ccaaggatgt	gcacaggctc	cgaggccaga	gctgtaagga	accccagaa	420
gttcagtctt	tcaggagaaa	gatggcattt	ttcacccggc	ctcggtatgaa	tatcccagct	480
ctctctgcag	atgacgtcta	atcgccagaa	aagtatttcc	tttkttccay	tgaccaggct	540
gtgaacattg	actgtggcta	aagttattta	tgtggtgtta	tatgaaggta	ctgagtcaca	600
agtcctctag	tgctcttggt	ggtttgaaga	tgaaccgact	ttttagtttg	ggtcctactg	660
ttgttattaa	aaacagaaca	aaaacaaaac	acacacacac	acaaaaacag	aaacaaaaaa	720
aaccagcatt	aaaataataa	gattgtatag	tttgatatatt	taggagtgtg	tttttgggaa	780
agaaaattta	aatgaactaa	agcagtattg	agttgctgct	cttcttaaaa	tcgttttagat	840
tttytsgtt	gtacagctcc	accttttaga	ggtcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataag	acgtcccgc	cttgtcacag	tacagcta	ttttcctagt	960
taacaatttg	tcatattamm	mmntgcacag	ammaccattg	ggggggattc	agaggtgcat	1020
ccaccccggn	tcttcttgag	ctg				1043

<210> 5221  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 5221  
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 cgaggaacac agctctgggg gaatggtgtc atccwcstgc gytttaaaaa taagcacatg 120  
 atggctgggc accgtgggtc acgcctgtaa tcccagcact ttgggaggct gaggcgggtg 180  
 gwtcacctga ggtcgggagt ttgagaccag cctggccaac atggtgaaac cccatcgcta 240  
 ctaaaawtat aaaaaattag ctgggcatgg tggcgacagy ctgtagttcc agctactcag 300  
 gaggctgagg caggagaatc gcttgaaccc gggagggtgga gggtgcagtg agctgagatc 360  
 gcaccattgc actcccacct gggcaacaaa gagtgaact tgggtctcaga aacgaaacaa 420  
 aacacaaaaa cttttctcag tcccagcata tgtggagcag cctcattctt catagctgtg 480  
 tgtcattccg ttgcgtgatg gggtcacaga gcacagacct ggtgcccttt tcttttttaa 540  
 tatgtggaag cccctccatg ctttccaaaag cctacaagta cagcagcccc aagtttaggg 600  
 tgagcagcag tggtcagagc tctttactat tacttttggg caaacgcaag ccaggctggc 660  
 aaccaccact gccgccgagg ggagatacaa gcaggccagt ttcacactyt gggackttta 720  
 gtttctttct tacatctaga aggtgggcct ctkgttattc cantttaaag gcagcccaag 780  
 ggaantgttc agnaaa 796

<210> 5222  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 5222  
 ataaggcagt ctctcaaaag tcatactgcc agagtctcta gggcaaggag aaacaactag 60  
 ctggacaata ctcaattcac aacttagcat tttgccatct gaagcttggc aaactagtat 120  
 ctgctgtaaa acaacctata tggtagtgga accgtagtat tcttgagcaa aacgtggctt 180  
 tcatcgcttt gtaaaaattt gcatctgttt agaaactagc ctataaaaata tcaccattgg 240  
 atgtagatat ggagagaaaa gaaatatgtt ggggtttattg cttagcgaaa tattctcttt 300  
 ttattttaat aaaatgttct tcattgtg 328

<210> 5223  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<400> 5223  
 ggaagagctc gtcttggagt ccaagctttt gccacttcaa ttgcaccagc tccaggaacc 60  
 atacaacat cttcaatkgc atttttgata gcacgaagtc catctcttat ggcattcctg 120  
 acttgtgtga gagtcatgct ttatttgggt ctttaaccaa caaggtaaca gagcaagggg 180  
 taacacactc ctcaataaaa gtgaactttt cttcacctaa tgtatactca tacacaagac 240  
 cagcatgtcc caagcaatct acagtgagat cttcaaaaga attcacggcc attccaccac 300  
 aa 302

<210> 5224  
 <211> 551  
 <212> DNA  
 <213> Homo sapiens



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<400> 5224
gcagtagctg tgccgtgagg ctagttg atgagggact ttccctgctc caggtcact 60
cccccaactc tgcccgccctc tgtccccgcc tcagtccecg cctccatccc cgctctgtc 120
ccctggcctt ggcggtctatt tttgccacct gccttgggtg ccaggagtc ccctactgct 180
gtgggctggg gttgggggca cagcagcccc aagcctgaga ggctggagcc catggctagt 240
ggctcatccc castgcattc tccccctgac acagagaagg ggccttggtg tttatatatta 300
agaaatgaag ataattattaa taatgatgga aggaagactg ggttgcaggg actgtgggtct 360
ctccyggggc ccgggacccg cctgggtcttt cagccatgct gatgaccaca ccccgctccag 420
gccagacacc accccccacc ccactgtcgt ggtggcccca gatctctgtg attttatgta 480
gagtttgagc tgaagccccg tatatttaat ttattttgtt aaacatgaaa gtgcacccctt 540
tccctccaaa a 551

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<210> 5225
<211> 555
<212> DNA
<213> Homo sapiens

```

```

<400> 5225
gctctgtgac accctttttg tgatcttcag tgctgttttt atgggttacac gactaggaat 60
ctatccattc tggattctga acacgacctt ctttgagagt tgggagataa tcgggcctta 120
tgcttcatgg tggctcctca atggcctgct gctgacctta cagcttctgc atgtcatctg 180
gtcctaccta attgcacgga ttgctttgaa agccttgatc aggggaaagg tgacctgtcc 240
aggaaggatk agwcscwgr mtgtssactc tttsmkcas tcmkwsswwk wwkmtrtgmc 300
cgcgggasct gsacarwwws atctcttgca tgtatcgaa gatgatcgca gtgatgtgga 360
gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420
cagcaatggg gccaatcggg tgaatggtca catgggaggg agctactggg ctgaagagta 480
aggtggttgc tatagggact tcagcacaca tggactttgt agggccactg gcaaacaata 540
ctcctcttgg gccct 555

```

```

<210> 5226
<211> 498
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

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<400> 5226
attcaagatg agatttgggt ggggacacag ccaaacccta tcggttgcca acatttacag 60
taacagtgtt aggtgaacag ttgtccagtc tcctgttttg tcggacactg tttctagcac 120
cttccaggca gaatctcatg tctccttcac tttcgaawts ggwacgagka tttcatcccc 180
acttttatca atgagaaact aaagctcgaa gaggtcaagt aagttccttg ccaaggctcag 240
ctagcaggct ctagaggcct cgttctcctt agaggcaagc cttgccaggg ccagggttg 300
gcaggctgca gggcagggtg gggcatgccg ttgtagaggt gggaccattg aggctcagag 360
agggtaagtg atganccctg gnacacagcg ggggtgggtc agagtccggc ctgcatcttc 420
tggagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttcccacca 480
aggggggaat gttgccta 498

```

```

<210> 5227
<211> 537
<212> DNA
<213> Homo sapiens

```

```

<400> 5227
ggatgggtgc cctggagcca ggcaaggcag gagggcccag aaacttgggtg ggggagataa 60

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cggaggggat	ggagcaggag	gctgaa	aaccggactg	ggagagatgk	gagtg	120
asgakkyyccr	staysasmkg	gctgaga	ckgaaacatt	aattctgaag	agagaaac	180
tagacagtca	gacctccagg	actaagatga	agtgagccga	gaggagatcg	tatcataaga	240
atgcttctgt	cgtagccgg	gtgcagtgt	gtgtgtatct	agttccagct	acttgagagg	300
ctgaggcagg	aggattgctt	gagtccagaa	agtggcagtt	gcagtgagt	gagatcgtgc	360
cactgctcwc	cagcctgggt	ggcagarcga	gaccctgtct	caaaaaata	acaaaaacaa	420
aatgcttctg	tcagttaaca	atctttatta	gagggttttt	agtccttctt	tctcagctgt	480
atgttaagtt	ggttgacaaa	tgcaataaa	cgtctttatt	atccttctt	tctgaa	537

<210> 5228

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 5228

ggggcctgag	gtgccagggt	tcacagacag	ggtttccac	cagccacacg	caccagctct	60
at ttggggga	agtgtagtga	ggaggagccc	agaggacccc	aggggagtga	ggaggagaa	120
cttggaagg	tgcagcccac	ttccagactc	tcccctctcc	cacccttcta	ccctgtgaag	180
ggaaatgagg	gcttttagttt	cctgggcagg	gaggggcagc	ttctgagggt	gccaaaggcc	240
cccactggat	ggaacctgtt	agctgtctct	ctccgcagcc	agaaatgctg	ccggtgcac	300
ccagaggagc	agtgaggcag	gacagatgga	caggttcctc	ctgcgctgta	attccctgct	360
ccctggagac	tgggaaaagg	ccgcagnacg	ggggactggg	cggtggtggc	tgggtggtta	420
aaggttgaac	tttctctgaa	gtctctttcc	cctttgtctt	tggctccctgc	cccngcaang	480
caaacctgcc	ccctctgect	cccagtgcac	ccaatgaccc	cccttcccct	tggggcggac	540
ttcctgattg	aagcacaact	ccccgcgaag	ganccccaag	cccacaagg	ttggccataa	600
tttggggcag	tttccaagtc	ctgtnggctt	cggctaaten	tggggganga	agatttttng	660
ggtcttgat	ttcccttggg	aaattgggtc	cttgggcttg	gaatnttttc	cctaagggg	720
ccctcttant	tcctt					735

<210> 5229

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 5229

ggctgcctgg	ggaaggagaa	atctgagcca	agacctgaca	aatgaatagg	agtaagctaa	60
ggaaagtgc	tggggtagt	gagttccaaa	tggagggaac	tgcatgtgca	gaggcctgga	120
ggtgagggga	acctgggcac	attccaggag	ctgaagggtt	tgttgtggct	ggaacataaa	180
gagccaaagg	gggccaagca	gtgcttcaca	cctgtaatcc	cagcrctctg	ggaggcygag	240
gtgggcagat	cacctgaggt	caggagttca	agaccagcct	ggtcaacgtg	gtgaaaccct	300
gtctctactn	aaaatac					317

<210> 5230

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5230  
ggccactccg cctcttccct cctctgtcc cttcttctc tccctttttt cctcttct 60  
tcccctctc gccgccaccg cccaggaccg ccggccgggg gacgagctcg gagcagcagc 120  
caggtagaac tttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180  
atttgttcac ttttggtgaa agtgaccatg tctcaagttc aagtgcgaagt tcagaaccca 240  
tctgctgctc tctcaggag ccaaatactg aacaagaacc agtctcttct ctcacagcct 300

<210> 5231  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5231  
atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60  
ctgttatgtt gcctgagggg gaggatctca atgaatgat tgctgtgaac actgtggatt 120  
tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180  
gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggt actaatatta 240  
aaaagccaat caaatgttct gcacccaaaat acattgacta tttgatgact tgggttcaag 300

<210> 5232  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5232  
ccggcggctc tggctgcccg gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60  
ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgct 120  
accaaggcgc agccgattct gcccctacg attggttcgg ggacttctcc tcttccgtg 180  
ccctcctaga gccggagctg cggcccgagg accgtatcct tgtgctakgt tgcgggaaca 240  
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<210> 5233  
<211> 564  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(564)  
<223> n = A,T,C or G

<400> 5233  
gcagcagctc ccaggatgaa ctggttgacg tggctgctgc tgctgcgggg gcgctgagag 60  
gacacgagct ctatgccttt ccggctgctc atcccgcctg gcctcctgtg ygcgctgctg 120  
cctcagcacc atggtgcgcc aggtcccgcg ggctccgcgc cagatcccgc cactacagg 180  
gagcgagtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcctttccc 240  
ttcgatgagc tgcgacctct cacctgtgac gggcacgaca cctggggcag tttttctctg 300  
actctaattg atgcactgga caccttgctg attttgggga atgtctcaga attccaaaga 360  
gtggttgaag tgctccaggg acagcgtggg actttgatat tgatgtgaac gcctctgtgt 420  
ttgaaacaaa cattcgagtg gtagggagga ctccctgtctt gttcatctgc ttttccaaga 480  
aggctggggg ggggaagtaga ggctggatgg gcctgtttcc ggggcttttc cttgagaatt 540  
ggctnaggan ggcggcccga aaat 564

<210> 5234  
<211> 596  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(596)  
 <223> n = A,T,C or G

<400> 5234  
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 cttaaaggaa ggttttcatt ttgaggaaac attaaactggc tttaagtga tgggaaacag 120  
 agccaaacag ctaatagacc aggggaaaac tgttttatgt gcatttgaag aagctattgg 180  
 atacatgtgc tgcccttttg ttctggacaa agatggagtc agtgccgctg tcataagtgc 240  
 agagtgggct agcttcctag caaccaagaa tttgtctttg tctcagcaac taaaggccat 300  
 ttatgtggag tatggctacc atattactaa agcttcctat tttatctgcc atgatcaaga 360  
 aaccattaag aaattatttg aaaacctcag aaactacgat ggaaaaaata attatccaaa 420  
 agcttgtggc aaatttgaaa tttctgcat tagggacctt acaactggct atgatgatag 480  
 ccaacctgat aaaaaaagct gttctttccc acttagttaa aaggcaggcc aaatggattc 540  
 accttcacct ttggctaatt ggagggcgtg ggcaccntgc ggcaccagtg gggacn 596

<210> 5235  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 5235  
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 ccctcgtggg taactgggag ggtctgggag ccgccacacc cctccttgca gtgcagatcg 180  
 tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgcctc 240  
 gtagctgtag tcctccatt ggctagggct cttggggctg ggcaggtttc ggggtgcccc 300  
 agtggcctcg ggttccaggc agctcgtgac aagccctgt gctctctaga aagcccgttt 360  
 tggcctgagt gcggtcgagg acatcacccc ccggttcagg gcagcctgtg agcagcaagc 420  
 tgtggctctg actctgcagg aggacagagc atccctgacg ctttcagggg ggcctcggga 480  
 ctggcctttg acctctccaa ggtaccaggc ccagaggcag cccccaggct gtgggcgctg 540  
 aactggggc tggcaaaacg cgtgtggagc ctggagcgkc gactkgcagc tgcagaagag 600  
 acagctgtca gcccgaggaa gagcccccg cctgcagggc ttcagctctt cttaccagac 660  
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 tcgttcacn aa 732

<210> 5236  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

<400> 5236  
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 cagctgcagt agctgagyag tggcagcaga gaggcagacg tgagctgagg gcgcagaggc 120  
 aggcagcatc tctgagggc cccaaggagc atggctggga gccgtgaggt ggtggccatg 180  
 gactgcgaga tgggtggggc ggggcccacn gggagagtg gcctggctcg ttgcagcctc 240

gtgaacgtcc	acggtgctgt	gctacgac	aagttcatcc	ggcctgaggg	atcacc	300
gattacagaa	cccgggtcag	cgtgtcacc	cctcagcaca	tggtgggggc	catccattt	360
gccgtggcca	ggctagagat	cctgcagctc	ctgaaaggca	agctggtggt	gggtcatgac	420
ctgaagcacg	acttccaggc	actgaaagag	gacatgagcg	gctacacaat	ctacgacacg	480
tccactgaca	ggctgtttgt	gcgtgaggcc	aagctggacc	actgcaggcg	tgtctcctgc	540
gggtgctgag	tgagcgctc	ctgcacaaga	gcatccagaa	cagcctgctt	ggacacagct	600
cgggtgaaga	tgcgagggca	acgatggagc	tctatcaa	atccccagaga	atccgagccc	660
gccgagggct	gccccgcctg	gctgtgtcag	actgaagccc	catccagccc	gttccgcagg	720
gactagaggc	tttcggcttt	ttgggacagc	aactaccttg	cttttggaaa	atacattttt	780
aatagtaaa	tggtctata	ttttctctac	gccaaa			816

<210> 5237

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 5237

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gtgtgctgta	tatgagcact	gggttccag	agaaaagatc	ctcaccacta	atacttggtc	120
ttcagagctt	tccaaactgg	cagcaa	ttttcttgcc	cagagaataa	gcagcattaa	180
ctccataagt	gctctgtgtg	aagcaacagg	agctgatgta	gaagaggtag	caacagcgat	240
tggaatggac	cagagaattg	gaaacaagtt	tctaaaagcc	agtgttgggt	ttggtgggag	300
ctgyttccaa	aaggatgttc	tgaatttgg	ttatctctgt	gaggctctga	atttgccaga	360
agtagctcgt	tattggcagc	aggtcataga	catgaatgac	taccagagga	ggaggtttgc	420
ttcccggatc	atagatagtc	tgtttaatac	agtaactgat	aagaagatag	ctattktggg	480
atttgcattc	aaaaaggaca	ctggtgatac	aagagaatct	tctagtatat	atattagcaa	540
atatttgatg	gatgaagggtg	cacatctaca	tatatatgat	ccaaaagtac	ctaggggaac	600
aaatagtgtg	gggatctttc	tcatccagg	tgtttcagag	ggatgaccaa	gtgtcccccg	660
cttcgtgacc	atttccaagg	atccatatgg	aaggcatgtg	atgggtgccc	catgctgttg	720
tttattttgc	actgagtggg	gacatgtttt	aaggggattt	gggattattg	gaccgcattc	780
cattaaaaaa	atggcttaag	nccagccctt	tatnctt			817

<210> 5238

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 5238

gtgcaccgga	gggtgaagac	agccctcgcg	akgamkgwgg	aggcctggkg	agcaggcctg	60
accctgtgry	rswrcwksag	gctgcggtga	agcgggccga	ccacctggag	gagctgctgg	120
agcarmmcag	gaggccacg	mcaagtacca	agtgaccagg	gatgccggga	acactgtcga	180
agaacggaag	gcagaggaca	gaggctggac	gttggcccag	agcagagaga	cgnccacctg	240
ccccccacag	aggctgggtg	ttnagatgcc	cacggttaag	cacctgtggc	ttgcattttt	300
aaacagttaa	aaggaggccg	ttgttttcag	cgccttt			337

<210> 5239

<211> 570

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(570)  
<223> n = A,T,C or G

<400> 5239  
gacttctgaa gaacatgaag caagcagaag ggtgaaagcg gagctgctgg ttcagatgga 60  
tggtgttgga ggtacttctg aaaatgatga cccttccaaa atggttatgg ttctggcagc 120  
tactaatttt ccctgggata tagatgaggc ttttaagacga cgccttgaga aacgaatcta 180  
tattcctttg ccgtcagcaa aaggcagggg ggagctatta cgaataagtc tacgtgagtt 240  
ggaattggct gatgatgttg accttgcaag tatagcagaa aacatggaag gttattcagg 300  
tgcggacatt accaacgtgt gcagggatgc gtccttgatg gcaatgagaa ggcgcattga 360  
aggtttgact ccagaggaaa tccgaaatct ttccaaagaa gaaatgcaca tgcctacaac 420  
tatgggagga ttctgagatg gctttaaaaa aggtttctaa gtncagtgtt cttgctggca 480  
gacatttgaa aggttacggg gaatgggtat tttgagtttg ggtccntgct aaattntca 540  
cctgtaaact gttgaggaat gtgccttaag 570

<210> 5240  
<211> 907  
<212> DNA  
<213> Homo sapiens

<400> 5240  
agccaatgtg cttgcaagtg tacagatctg tgtagaggaa tgtgtgtata tttacctctt 60  
cgtttgctca aacatgagtg ggtatttttt tgtttggttt ttttgttgtt gttgtttttg 120  
aggcgcgtct caccctgttg ccagagctgg agtgcaatgg cgcgttctct gctcactaca 180  
gcaccgcctt ccagagttga agtgattctc ttgcctcagc ctcccagata gctgggatta 240  
caggtgcccc ccaccgcgcc cagctaattt ttttaatttt agtrgagaca gggttttacc 300  
atgttgacca ggctggyctt gaactcctga ccctcaagtg atctgcccac cttggcctcc 360  
ctaagtgtct ggattatags cgtgagccac catgctcagc cattaaggta ttttgtttaag 420  
aactttaagt ttagggtaag aagaatgaaa atgatccaga aaaatgcaag caagtccaca 480  
tgagagatttg gaggacactg gttaaagaat ttatttcttt gtatagtata ctatgttcat 540  
ggtgcagata ctacaacatt gtggcatttt agactcgttg agtttcttgg gcactcccaa 600  
gggcgttggt gtcataagga gactataact ctacagattg tgaatatatt tattttcaag 660  
ttgcattctt tgtcttttta agcaatcaga tttcaagaga gctcaagctt tcagaagtca 720  
atgtgaaaat tccttcctag gctgtcccac agtctttgct gcccttagat gaagccactt 780  
gtttcaagat gactactttg gggttgggtt ttcattctaaa cacatttttc cagtcttatt 840  
agataaatta gtccatatgg ttggttaatc aagagccttc tgggttttgt ttggtggcat 900  
taaattgg 907

<210> 5241  
<211> 1184  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1184)  
<223> n = A,T,C or G

<400> 5241  
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ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 120  
tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 180

ccacagatgg	catgatccga	aactctc	atgtcaagat	agggcggttac	gacatt	240
tacaagagca	gctggactta	gctmtcrc	ctttggagta	catgatgaag	tgaccag	300
agataaagga	gaaggaagaa	atgaggaaga	tcattgggag	atacggtctn	actgggaaac	360
aacaggtgag	ccaatccgg	aacttgtcag	acgggcagaa	gtgccgagtg	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgccctgg	cagatgccat	caatgagttt	gagggtggtg	tgatgctggt	540
cagccatgac	ttcagactca	ttcagcaggt	tgcacaggaa	atttgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggtttacaa	ggagcacctc	aagtccaagc	660
tggtggattg	aggagcccca	gctcaccaag	agkaccacaa	acgtgtgagc	cytytacctg	720
ggttcgggtc	aggagctcca	tcntgggaac	taacagctgc	taacctgacc	agccgctcag	780
gacaggaccc	tggggctaca	ctcctgcatt	gctgcaatac	tgctccccc	gcctctcccc	840
tgcccctcaa	cctgccttag	ctgcaactct	ttacctacag	ctggacagta	cctgtctggt	900
tcctgtcctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
ccccttgctg	ttatcttaca	tctgagtgtg	atgcagtcag	aggcacctgc	gggttagccc	1020
agggggggccc	aactgatttg	gcctgcggag	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttgg	aggagtaccc	cccagccac	cggcccgatt	cctttttgct	tctgggttgg	1140
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<210> 5242

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 5242

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atltgggggcc	caatctcaat	gcacatatca	gtgcgcaaaag	cactaaaatt	ccaggcaaca	120
ctttgtattg	agagaagcca	aaatlttgggt	cmggccctgg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aaccctcaca	tgatcatgta	agctatgcag	ttacccaagc	240
tgcatcattt	agaaaacctg	tacagttttt	atggaaacca	tccttagtca	aggacacttt	300
aaatatatag	tctaaatacc	gttaaggtag	gcccactagc	tgtgttcaca	ttttcccttg	360
gncaccttac	caggggactt	tta				383

<210> 5243

<211> 1278

<212> DNA

<213> Homo sapiens

<400> 5243

cacctgtgct	tgcagccagg	tcaggccag	ctgcagccca	ggcaggagca	gtcgcctttc	60
ccaccacag	cgctggccac	agggctccct	gcagggtcag	ggaccagacc	acgccagag	120
gaggggaggc	actggccccc	gccacaggac	tggagacgca	agaacaaaaa	gaaccaagta	180
gagagagtgg	agctgcttta	ttgcccttgg	agcccgcgct	ctcgagggt	gtcttctgtc	240
gccaaagggtc	ccggaccgag	tacacagtgg	cagctggctt	agttgggtga	cggcytggss	300
cactcgacgt	tgaggatgag	gtggctcgtag	ccaagccgg	acaccccggc	aatggcacgc	360
gcagsatcct	cgcgggcggtg	gaagctgatg	aaggcraagc	ccttggattg	gccagtggtc	420
ttgtccttag	ccaggtagat	gcgggagatg	gagccgaaag	gcsghaagag	ctcctgcagg	480
tcggtctcac	gcgtgtcctc	tgacaagtgtg	gtgacacgga	tggtggcggt	gtcgtcggct	540
ctgcggttgg	gctgcatgga	ctcccccgcg	cggctggccc	cgtcgcgmag	gctcggcggm	600
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gtatccttgt	aggggcagcg	ggtggtccag	tggtcgccct	tgcatatgcg	gcaggacacg	780
atcttctggc	ccttgagttt	gttcataggg	tcctcctcct	cctggcagtt	caggtcctct	840

ttgctggtga tgaacgtcat aacacatcg tcactgacag tgggtggtggc dactgggt	900
ccgggggggt caaactctga gacgaac ttcttccagt tcttcctcct tggacagcc	960
tttgaagcct tccgggtctc aatcctgaag gtgcggacaa tcttgaactt cttgccatcc	1020
tcattttcta tcttgactc tgtcactgtc tttatgtttc cgttgatgac ctccttgga	1080
ggcggcagtg gagtcccg cagtagctct ggctctgggc tgggtgcacc tgtggccaga	1140
gggatccct tgaggagctc gctggtgaca catttgtcgt cctccccctc ctcctccacc	1200
tggtcggccc aactgggctt cgaatyaaag tctccagtag gcatcgcaaa aagtattctc	1260
cacgcagccc aagcccgg	1278

<210> 5244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5244

ttgagacgga gtttcaccat gttggccagg atggtcttca acttctaact tegtgatcca	60
cgctgctggg attacaggtg tgagccaccg cgtgtggcct ctgggcacct tttgaagctg	120
aagcagagag agaaggcggc aggcatcagc gttttcttct atgaacttat aagatcaaag	180
actttaagac tttcactatt tcttctaccg ctatctacta cgaacttcaa agaggaacca	240
ggagtacgga aggagcatga aagtggacaa ggaacgtgac cattgaagca ccacagggag	300

<210> 5245

<211> 496

<212> DNA

<213> Homo sapiens

<400> 5245

attctctctc cataccaccc cccaaaaatt ttgcgcgtc caacacttca acactatttt	60
gktttatttg tcttattaat atmagaaggc aggaatgtca ggcctctgag cccaggccag	120
gccatcgcat cccctgtgac ttgcacgtat acatccagat ggcctgaagt aactgaagat	180
ccacaaaaga agtaaaaaca gccttaactg atgacattcc amcattgtga tttgttccctg	240
ccccacccta actgatmaat gtactttgta atctcccca cccttaagaa ggyctttgt	300
aatttctccc acccttgaga gtgtactttg tgagatccac acctgccac cagagaacaa	360
accccytttg actgtaattt tccattacct tccctaattc tataaaacgg cccacccca	420
tctcccttg ctgactctct tttcggactc agcccgctg caccaggtg aaataaacag	480
ccttgttgc caca	496

<210> 5246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5246

gggagggcac acctggggga cagcagcggc gggagtgtgg tccgactggc ctggaagatc	60
ttgggcagag ctgacctcag agaacagtgc gggctctctg ccctcctggg gcagtcccca	120
ggacgaggtg ccaggtgcct ggcccatgtt gcagggggcc gtggagccca tgcagatcga	180
cgtggacccc caggaagacc cgcagaatgc acctgacgtc aactacgtgg tggagaaccc	240
cagcctggat ctggaacagt acgcggccag ctacagcggc ctggccactg ggtgccaccc	300

<210> 5247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5247

ggtatgtgta gggcagtg cgcggcggc agcagttctga gcccagcat gaggccgggg	60
acgggagctg agcgtggagg cctcatggtg agtgaaatgg agagccatcc tccctcgag	120



ggtcctgggg	acggggagcg	gtgtcc	ggctcaagcc	tctgctccgg	ctgggtc	180
tctgctgacg	gcttctgag	gcggccc	tcggttaagg	atcagtggg	caagggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 5248

<211> 507

<212> DNA

<213> Homo sapiens

<400> 5248

agggggcggg	cccgtacgcc	gattccatat	gggcgcggc	gcggagcgcc	gcggggcagc	60
gcggggctgc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcggtg	gagtcctatg	120
tgaagagtct	ggaaagagmg	rwcmstckkm	wsyrcrgag	gtctcatgtt	ccggtgcagc	180
gccagctgtt	gtgaggacag	ccaggcctcc	atgaagcagg	tgaccagtg	catcgagcgc	240
tgccatgykc	ctctggctca	agcccaggct	ttggtcacca	gtgagctgga	gaagttccag	300
gaccgcctgg	cccgggtgcac	catgcattgc	aacgacaaa	ccaaagattc	aatagatgct	360
gggcgtaagg	agcttcaggt	gaagcagcag	ctggacagtt	gtgtgaccaa	gtgtgtggat	420
gaccacatgc	acctcatccc	aactatgacc	aagaagatga	aggaggctct	cttatcaatt	480
ggaaaataaa	agtatcttcc	agtggcc				507

<210> 5249

<211> 1718

<212> DNA

<213> Homo sapiens

<400> 5249

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agcaggctaa	caatagccca	ccagtggctc	aggcatcagt	agggaacag	acacagccat	120
tgctccacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggca	gctcagccaa	180
cccgtgggt	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
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ataatatttg	gtgcagcaca	gagcatggta	acaagagact	ggatgctgct	tatcgttcca	480
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acaaatggaa	gggtcggttt	gatgtcaggt	ggatttttgt	gaaggacgtt	cccaatagcc	660
aactgcgaca	cattcgccca	gagaacaacg	agaataaacc	agtgaccaac	tctagggaca	720
ctcaggaagt	gcctctggaa	aaggctaagc	agggtgtgaa	aattatagcc	agctacaagc	780
acaccacttc	catttttgat	gacttctcac	actatgagaa	acgccaagag	gaagaagaaa	840
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aacggttgca	tctgcatatc	ctaagaggaa	aaaatgacct	tcaagagaat	taggactttt	960
ttcttaattt	cactgacttc	agagacgatt	gcagacttgc	agtttaagta	ttggaatttc	1020
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acaaaaaatc	cctctaggta	gtttagggtg	aaaatgtccc	ttttattttg	gctttgggtg	1140
tgatttcaga	gcataatgct	atgttttttt	gtctttttac	tatgtttttc	ggatttttaa	1200
gtccgtaagt	gcatacagtt	ttctctaatt	tttaaaccct	ttcctcctcc	cattttgaca	1260
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atgcattttg	gaagagaaaa	atactgtaaa	acgtgtcgtg	aatgtttctt	cagtttcttg	1620
ttcagccaat	gaggaaagg	cattgccttt	ctttttacca	ttaatcactt	ctcaataaac	1680
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<210> 5250

<211> 426  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(426)  
 <223> n = A,T,C or G

<400> 5250  
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 acgggctgac ctccccgctg acagagccgg tgggtgtact ggaggggcac accaagcgag 180  
 tgggcatcat cgcttggcac ccacacggccc gaaacgtgct gctcagtga ggctgcgaca 240  
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